

Your Canadian Search and Rescue Magazine

SAR SCENE

Summer 2000 Volume 10, number 3

SARSCENE 2000 PREVIEW

Featuring: Cospat-Sarsat

Speaker Profiles

Montreal Travel Highlights

Canada 



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Rescue Secretariat

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SARSCENE

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Getting to SARSCENE 2000

The National Search and Rescue Secretariat and Air Canada have teamed up to offer you great savings on air travel to Montreal, Quebec. Special reduced fares have been negotiated for SARSCENE 2000 attendees with Air Canada. Deals include:

- Special convention rates for travel within North America, Caribbean, Europe, Asia and Middle East. For travel within Canada five to 35 per cent off of published fares, USA five to 15 per cent and Europe 10 per cent.

- Savings of up to 35 per cent off full hospitality class fares or five per cent off regularly low published excursion fares.
 - Early Bird savings bonus to and from the USA – an additional five per cent off all Air Canada published fares.
 - 25 per cent off Air Canada cargo
- To book flights, please call Air Canada at 1 800 361-7585 or (514) 393-9494 or contact your travel agent. Please remember to mention the SARSCENE 2000 event number CV000767 when booking your flight and ensure that the event number appears on the tour code box of your ticket. —

Pre-SARSCENE Workshops & Meetings

SARSCENE 2000 will feature pre-workshop training sessions. Contact the NSS to register. All registrations are due by August 31. PLEASE REGISTER EARLY TO AVOID DISAPPOINTMENT!

TRACKING

Two days of hands-on instruction with Everett Savary of Halifax Regional Search and Rescue and Wayne Merry of Context North. Both Everett and Wayne teach tracking and have been speakers at previous SARSCENE workshops. This session will give students a more in-depth look at tracking and clue detection. Fee for this course: \$50.00. Students who complete the two-day course will receive a certificate (Oct. 9 & 10).

SAR INCIDENT MANAGEMENT

Two days of instruction with Rick Lavalla of ERI International, Richard Smith of ERI Canada and Chris Long, Washington State SAR Program Manager. Instruction will be given on SAR Incident Management, how to best utilize personnel and resources using detailed Standard Operating Procedures (SOPs) to streamline search planning and implementation. Special

emphasis will be on the initial response phase of a search. A list of first operational period “recommended actions” is presented and used in a tabletop exercise. The Incident Command System will also be discussed. Participants will receive ERI Certification only upon completion of this two-day course. Fee: \$95.00 for two days, \$55.00 for one day. These presenters will offer other sessions on SAR Management during the SARSCENE workshop (Oct. 9 & 10).

NIGHT SEARCHING

Mike Doyle of SARBC will be giving an outdoor evening session demonstrating techniques for night searches. Which clues can be detected in the dark? What daytime strategies won't work? How should your search plan differ for a nighttime search? These issues will be investigated and participation will be limited, so register early! Fee for this course, \$25.00. Mr. Doyle will offer another presentation on SAR Investigation Skills during the SARSCENE workshop (Oct. 9).

Register for all pre-workshop sessions by contacting Jennifer Reaney at the NSS (jreaney@nss.gc.ca). More presentations are being added. Please contact Jennifer for the latest schedule. —

SARSCENE 2000 SCHEDULE

WEDNESDAY 11 OCTOBER 2000

0800-1700	SARSCENE Games	Centre de la Nature
1900-2400	Meet & Greet	Sheraton
	SARSCENE Games Award Presentation	Sheraton

THURSDAY 12 OCTOBER 2000

0700-1700	REGISTRATION and INFORMATION	Sheraton, Lobby
0900-1000	OPENING CEREMONIES	Sheraton
1000-1030	Coffee Break	Sheraton
1030-1150	Theme Presentation	Sheraton
1150-1300	Lunch with the Exhibitors	Sheraton
1300-1700	Trade Show	Sheraton, Laval 1, 2 and 3
1300-1700	Silent Auction Items	Sheraton
1315-1415	Educational Sessions	Sheraton & Radisson
1415-1445	Coffee Break	Sheraton & Radisson
1445-1545	Educational Sessions	Sheraton & Radisson
1600-1700	Educational Sessions	Sheraton & Radisson
1900-2400	Volunteer Appreciation Night	Sheraton

FRIDAY OCTOBER 13 2000

0700-1700	REGISTRATION and INFORMATION	Sheraton, Lobby
0900-1700	Trade Show	Sheraton, Laval 1, 2 and 3
0900-1700	Silent Auction Items	Sheraton
0815-0915	Educational Sessions	Sheraton & Radisson
0930-1030	Educational Sessions	Sheraton & Radisson
1030-1100	Coffee Break	Sheraton & Radisson
1100-1200	Educational Sessions	Sheraton & Radisson
1200-1315	Lunch	Delegates choice
1315-1415	Educational Sessions	Sheraton & Radisson
1415-1445	Coffee Break	Sheraton & Radisson
1445-1545	Educational Sessions	Sheraton & Radisson
1600-1700	Educational Sessions	Sheraton & Radisson
Evening	Delegates choice	

SATURDAY 14 OCTOBER 2000

0700-1200	REGISTRATION and INFORMATION	Sheraton, Lobby
0815-0915	Educational Sessions	Sheraton & Radisson
0900-1200	Trade Show	Sheraton, Laval 1, 2 and 3
0900-1200	Silent Auction Items	Sheraton
1000-1700	St Lawrence River SAR Demo Cruise*	Departs Sheraton
0930-1030	Educational Sessions	Sheraton & Radisson
1030-1100	Coffee Break	Sheraton & Radisson
1100-1200	Educational Sessions	Sheraton & Radisson
1200-1300	Lunch	Delegates choice
1300-1600	Demonstrations	Outside hotel
1930-2400	2000 Awards Banquet	Sheraton

* (for registered cruise participants only)

SUNDAY 15 OCTOBER 2000

0800-1600	National SAR Competition (CCGA)	Lachine Marina
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Trade Show Exhibitors

One of the best parts of the SARSCENE workshop is the Trade Show. Where else can you find the latest in search and rescue gadgets, training materials, technologies and services all in one place? Here's just a sample of who you will see at the SARSCENE 2000 Trade Show.



- Hot Pack Enterprises Inc.
- John Deere Limited
- Martin & Lévesque
- Mercury Marine
- McMurdo Limited
- Mustang Survival
- R.J. Nicholls Distribution
- Northern Airborne Technology
- Nura Canada Inc.
- Oceanid
- Parisien et Marchand/
Algoma Insurance
- SARTECH Engineering Ltd
- SCR Emergency Measures
Consultants
- Sauvetage L'Aranéa Inc
et RSS #013 du Québec
- SEIMAC Ltd
- Search and Rescue Dog
Association of Alberta (SARDA)
- SARSCENE 2001
- Specmat Technologies Inc.
- Sûreté du Québec
- Surety Manufacturing & Testing
- Techno-Services Inc. —
- ACR Electronics
- Aventures Norpaq
- Bombardier Aerospace
- Canadian Coast Guard Auxiliary
- Civil Air Search and Rescue
Association (SERABEC)
- The Current Corporation
- Digital Space Systems Inc.
- Defence Research
Establishment Valcartier
- Department of Fisheries
and Oceans
- EMS Technologies
- Emergency Preparedness
Canada
- Équipement Médical Rive Nord
- Festival Promotions
- GTIS

For information on booking a trade show booth, please contact:
 Louise Crone, Trade Show Coordinator, NSS
 4th Floor Standard Life Building, 275 Slater Street, Ottawa ON K1A 0K2
 Tel. (613) 996-3733 or 1 800 727-9414, Fax. (613) 996-3746
 email: louisec@nss.gc.ca

MultiTrek ad
 Business card size Blk/wt
 Strip in from previous issue
 pg 13 eng

Cospas-Sarsat

Cospas-Sarsat is an international search and rescue system first developed by Canada, France, the United States and the Former Soviet Union in 1979. It was declared operational when the International Cospas-Sarsat Programme Agreement was signed on 1 July 1988 by the four countries. Cospas-Sarsat uses satellites to detect and locate emergency beacons carried by ships, aircraft and individuals. The system consists of a network of satellites, ground stations, mission control centres, and rescue co-ordination centres that provide distress alert and location information to ISAR authorities all over the world. Currently, more than 30 countries and organizations are involved in Cospas-Sarsat, including the four founding countries, 20 ground segment providers, eight user states and two participating organizations.

When an emergency beacon is activated, the signal is received by a satellite and relayed to the nearest available ground station. The ground station, called a Local User Terminal, processes the signal and calculates the position from which it originated. This position is transmitted to a mission control centre where it is matched with identification data and other information on that beacon. The mission control centre then transmits an "alert" message to the appropriate rescue co-ordination centre based on the geographic location of the beacon. If the beacon is located in another country's areas of responsibility, then the alert is sent to that country's mission control centre.

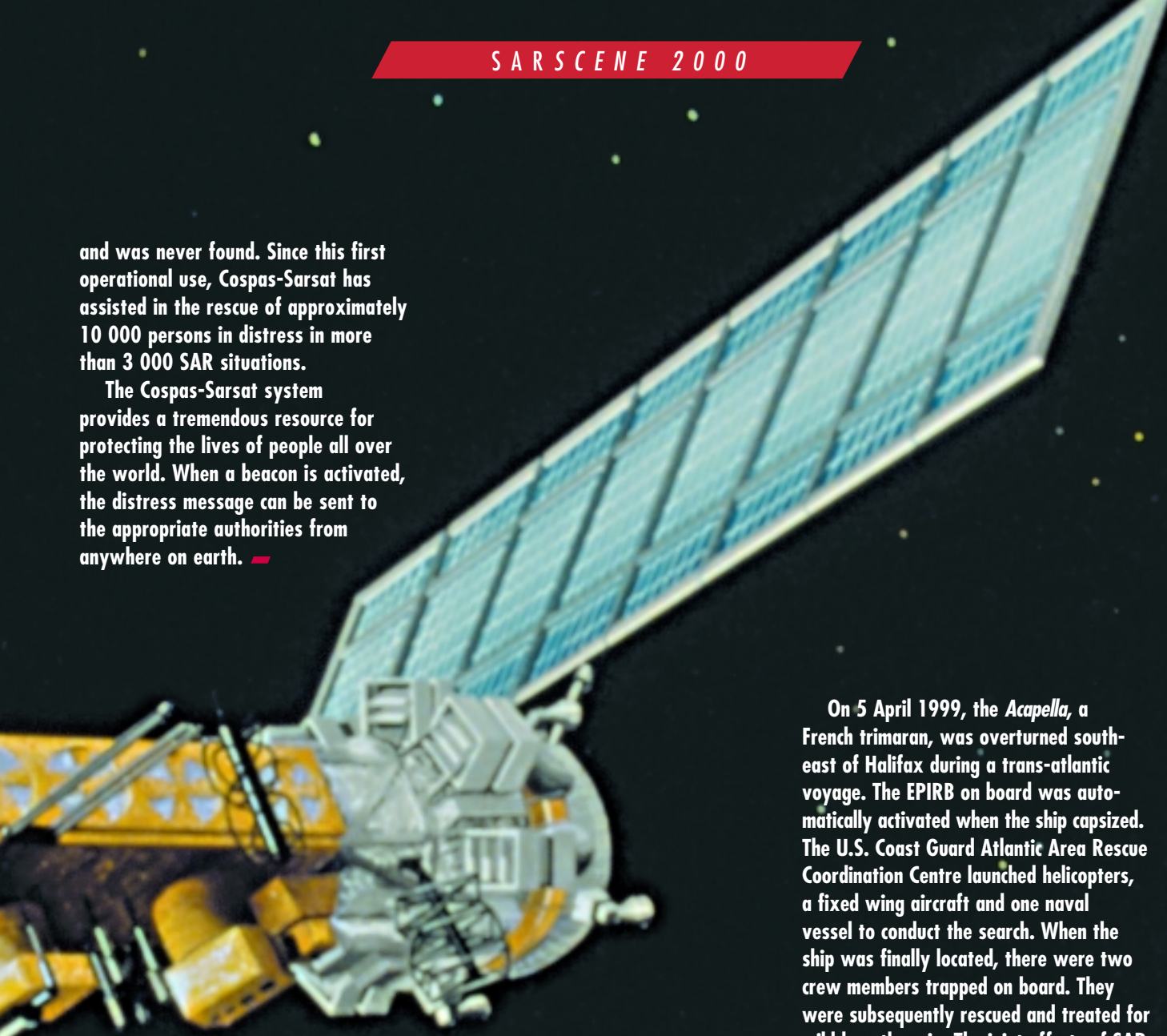
The Cospas-Sarsat system has recently been augmented by three satellites in Geostationary orbit, GOES-East – GOES-West and INSAT-2A. These satellites provide near instantaneous alerting, but no location unless the beacon incorporates position encoding in its signal. The first operational use of Cospas-Sarsat by SAR

authorities was on 9 September 1982. In the Rocky Mountains of British Columbia, a search was being conducted for a missing aircraft. Three SAR volunteers in a search aircraft also disappeared. The second airplane had an emergency radio beacon on board which was activated when the plane crashed. The volunteers were rescued using the then experimental Cospas-Sarsat satellite-aided tracking system. Unfortunately, the first plane had not been carrying an emergency beacon



and was never found. Since this first operational use, Cospas-Sarsat has assisted in the rescue of approximately 10 000 persons in distress in more than 3 000 SAR situations.

The Cospas-Sarsat system provides a tremendous resource for protecting the lives of people all over the world. When a beacon is activated, the distress message can be sent to the appropriate authorities from anywhere on earth. —



Cospas-Sarsat Assisted Rescues



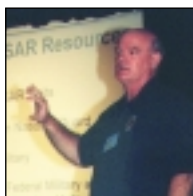
Since its implementation in 1982, Cospas-Sarsat has assisted in the rescue of approximately 10,000 persons in distress, in over 3,021 search and rescue incidents. Cospas-Sarsat alert data is used in approximately one real distress and safety incident each day. The following are real-life stories of Cospas-Sarsat assisted rescues.

A recent Cospas-Sarsat assisted rescue involved a stranded snowmobiler in Alaska. On 26 January 1999, a snowmobiler went off course while traveling between villages southwest of Wainwright. When his snow machine failed due to extreme temperatures (30 degrees below zero), the snowmobiler activated his PLB. Cospas-Sarsat detected the 406 MHz signal and notified the Alaska North Slope Borough SAR Service, who sent a Bell-214ST helicopter to rescue the stranded snowmobiler.

On 5 April 1999, the *Acapella*, a French trimaran, was overturned southeast of Halifax during a trans-atlantic voyage. The EPIRB on board was automatically activated when the ship capsized. The U.S. Coast Guard Atlantic Area Rescue Coordination Centre launched helicopters, a fixed wing aircraft and one naval vessel to conduct the search. When the ship was finally located, there were two crew members trapped on board. They were subsequently rescued and treated for mild hypothermia. The joint efforts of SAR services from Canada and the U.S. including eight aircraft, a volunteer commercial vessel and naval vessels facilitated the rescue of the two crew members.

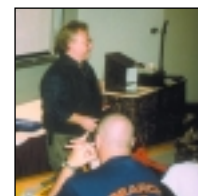
On 3 April 1999, five people in Spitsbergen, Norway, were stranded on a glacier due to bad weather. When one of the tents was destroyed by a polar bear, the group decided to activate their PLB. Cospas-Sarsat detected the distress signal and a helicopter was deployed. However, the bad weather made it impossible for the group to be evacuated safely. A communications watch was established with the group using a portable VHF-set and when the weather improved all five people were rescued. —

SPEAKER PROFILES



Chris Long,
Washington State
SAR, SARSCENE '97

Singer/songwriter
Loreena McKennitt,
SARSCENE '99



Every year, SARSCENE participants enjoy the opportunity to learn from search and rescue experts, communications professionals and professionals from around the world. We'd like you to take a moment to learn a little more about just some of the people who will be sharing their experiences with you at SARSCENE 2000.

DONALD C. COOPER

Donald C. Cooper is President of National Rescue Consultants and Deputy Chief with the Cuyahoga Falls Fire Department in Northeast Ohio where he has served as a fire officer, paramedic and special operations instructor since 1979. In 1984, he researched, designed and developed the FUNSAR Skills Project for the National Association for Search and Rescue (NASAR) and, since that time, has designed, developed and taught numerous search, rescue and emergency response programs around the world (including the state of New Mexico). He is also the author of the definitive texts *Search and Rescue Fundamentals: Basic Skills to Perform Search and Rescue* and *Fundamentals of Mantracking: the Step-by-Step Method*. He is also the co-author of *Managing Search Operations* and was a major contributor to the reference text *Wilderness Medicine: Management of Wilderness and Environmental Emergencies*. Don has both bachelors and masters degrees in Business Administration, a B.Sc. in biology/pre-medicine, a M.Sc. in bio-physics and is putting the finishing touches on a Ph.D. in business administration. Don has participated in several SARSCENE workshops, not only providing presentations on search theory but also acting as an adjudicator for the search planning component of the SARSCENE Games. For SARSCENE 2000, Don will deliver a presentation on the application of search theory to inland search.

WAYNE MERRY

Wayne Merry operates Context North, a consultancy in search and rescue, survival and first aid from his home in Atlin, British Columbia. Since 1991, he has done most of the ground SAR training for government and volunteer agencies in the Yukon and Northwest Territories. Most recently, Wayne published the very successful self-training manual *Basic Ground Search and Rescue in Canada*. Wayne also authored the St. John Ambulance *Official Wilderness First Aid Guide* in addition to articles for over 20 magazines. In 1958, he joined the historic ascent of the face of El Capitan in Yosemite Park and has made several other notable ascents. He trained and led Ranger SAR teams in Yosemite, Olympic and Denali parks between 1959 and 1969 when he resigned as Chief Ranger of Denali and started a successful mountain guide service in Yosemite. In 1984, he moved to Iqaluit, Baffin Island, where he directed ambulance, fire and by-law services, developed the first SAR operational plans for the area and became an instructor at Arctic College. Wayne currently travels across the North doing SAR and wilderness first-aid training. He recently received a Certificate of Achievement from the NSS for his work in SAR training and writing. Wayne is another regular contributor to the SARSCENE workshops with his presentations on wilderness first aid and training issues in addition to his assistance with the SARSCENE Games. You can read a review of Wayne's training manual in the Winter 2000 issue of SARSCENE.

RICK LAVALLA

Rick Lavalla is the President of the Emergency Response Institute (ERI) and co-author of the training program and text *Search Is an Emergency: Managing Search Operations*. From 1972 to 1981, Rick was the SAR Co-ordinator for the State of Washington. Rick has delivered several presentations at SARSCENE focusing on search management and, in 1999, on mapping in addition to working on the search management component of the SARSCENE Games. For SARSCENE 2000, Rick will be offering pre-workshop courses on SAR Incident Management.

DR. GINO FERRI

Dr. Gino Ferri is the Director of Survival in the Bush, Inc., a company which acts as an instructional and consulting firm for military personnel, educators, students, hunters, anglers, executives, outdoor leaders and others interested in mastering any number of wilderness survival and living skills. In 1977, at the North Campus of Humber College of Applied Arts and Technology, Toronto, he established a year-round wilderness survival program. Gino has travelled extensively in the Canadian Northlands and has taught survival techniques to the Inuit, Metis and First Nations people. His book, *The Psychology of Wilderness Survival*, has been called "the most comprehensive book ever written on wilderness survival" by the Ontario Federation of Anglers and Hunters. Gino has written numerous articles for magazines such as *Angler and Hunter*, *Bushwhacker*, *Canadian Hunting and Shooting*, *Canoeing Ontario* and *Leisure World*. Gino presently co-ordinates the Wilderness Experience Certificate Program at Georgian and Loyalist colleges. For SARSCENE 2000, Dr. Ferri will deliver two presentations, "Crisis Intervention: Managing Wilderness Emergencies" and "Profile of the Lost Victim."

Dr. Ken Hill,
SARSCENE '98



Gary Masson,
CCGA, Nfld,
SARSCENE '99

PAUL CHEVRETTE

Paul Chevette obtained a B.Sc. in engineering physics from Laval University in 1970 and a M.Sc. in electrical engineering from the University of Toronto in 1974. He currently works as a scientist in the Passive Surveillance and Target Acquisition Systems Section, at the Defence Research Establishment, Valcartier, (DREV) Quebec. He is the group leader of the Wide Area Surveillance Group and works on the development of a new dual-field-of-view infrared surveillance system called Infrared Eye for SAR operations and on the Enhanced Night Vision Helmet using the fusion of IR and visible imagery. His main experience is in the characterization, calibration and modelling of electro-optic imaging systems, infrared signature measurements and surveillance systems. Paul delivered his presentation on the Infra-Red Eye at SARSCENE '99 and is returning for 2000 with the presentation "New Technologies for Improved Efficiency in SAR Missions." His DREV co-presenters will be Benoit Ricard, Dr. Irene-Abi Zeid (SARPlan) and Vincent Laroche (the ELVISS system).

MICHEL GOULET

Michel Goulet is the Technical Rescue Advisor/Instructor for the Ottawa Fire Department Technical Rescue Unit. Michel has his ORCA Climbing Certification and is an instructor for rock-climbing, urban and wilderness rope rescue and industrial confined space safety and rescue. Michel will deliver a presentation on structural rope rescue techniques, outlining operations and training standards for response to urban incidents and the integrated and rapid deployment rope rescue systems employed by the Ottawa Fire Department's Technical Rescue Unit.

MICHEL BERCLAZ

Michel Berclaz is a psychologist, specializing in psychotherapy. He is a member of the Swiss Federation of Psychologists. Michel is associate manager of the Psychological Intervention Unit of the Geneva Association of Police Psychology and Psychotherapy. He is a trainer and consultant at the Geneva International Airport, the Swiss Institute of Police and in various townships of Switzerland. Michel is also the director of the Psy Sans Frontières International Psy Team. After the crash of Swiss Air Flight 111, Michel was Coordinating Swiss Psychological Support Officer on site at Big Cove, Nova Scotia. Psy Sans Frontières International (PSFIPT) is a Canadian NGO. Its mission is to offer psychosocial support on all continents, to victims of human and natural disasters. PSFIPT is composed of professionals in the psychosocial, medical and paramedical disciplines. This expert group specializes in defusing, debriefing and post-traumatic stress management and follow up, catering to victims, their families, government SAR organizations (armed forces, international peacekeepers, EMOs, police forces, park wardens and specialized intervention groups, such as community ground SAR groups). The International Psy Team co-ordinates local (national) chapters in Senegal, Brazil, Canada, Israel, France, Belgium and Switzerland.

CHRISTINE DÉRY

A graduate of Special Education at Florida State University, Christine Déry has worked as a dog trainer for over 15 years, teaching obedience and behaviour modification. A member of Sauvetage Canada Rescue's canine unit, Christine is also a part-time veterinary assistant and has been working with guide dog users for more than 20 years. Christine is also a breeder of Gordon setters and German short-haired pointers. Her presentation "What a Blind Person Can Teach You about Navigation" will highlight training programs (basic and advanced) in orientation and mobility for the blind. It will also share some of the training techniques used in instructing guide dog users, by sharing case histories.

MARIAN HARDY

Marian Hardy earned her B.Sc. from the University of Michigan in 1950. She has been a SAR dog handler for 19 years and for 16 years has been involved in SAR management. Marian has published articles on using dogs to find drowning victims and has also written extensively on how handlers can train themselves and their dogs for water search, as well as on how to train potential users of water search dogs about their capabilities and availability. In recognition of her work in this field, Marian was awarded NASAR's Hal Foss Award. Participants in her session will learn what a potential user of water search dogs needs to know about the dog team's capabilities and use in various water environments. They will be able to pass this information on to other individuals in their departments.

JIM STANTON

A former journalist and corporate spokesperson, Jim Stanton teaches and practises crisis communications. His firm has been teaching at the Canadian Emergency Preparedness College, Ontario Emergency Measures, as well as in the provinces of Alberta, British Columbia and Saskatchewan. Jim has worked extensively with emergency responders and understands how to meet the needs and demands of the media. Jim's presentation will examine recent major crises and look at how various organizations successfully enrolled the media in reporting on the crisis. It is critical to see the media as a vital component in communicating to your various audiences as a crisis unfolds. No matter how small your community is, if an incident occurs, the media will show up. —

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Montreal: Home of SARSCENE 2000

QUEBEC WEATHER FACTS

Quebec has four continental climates:

- East Coast, in the Iles de la Madeleine
- South of 50° North latitude – Humid continental with warm summer and cold winter
- From 50° to 58° North latitude – Subarctic with colder and longer winters and shorter and cooler summers
- Far North – Arctic, severe winters and short thaw periods, perennially frozen ground.



The province of Quebec gets more sunshine during winter than many Scandinavian countries. December, the darkest month of the year, averages a minimum of eight hours of sunshine a day.

Quebec has one of the snowiest winters in the world, getting as much snow as Kamchatka in Siberia.

Because of its extremely cold winters, Quebec has one of the highest per capita consumption of energy in the world. On average, it costs \$1100 to heat a single-family dwelling for one year.

Montreal and Quebec City have adapted to winter by building underground – both cities have tunnels and corridors that link busy areas. Montreal has nearly 30 km of passages leading to the metro, shops, department stores, skyscrapers, restaurants, hotels and theatres.

INTERESTING FACTS ABOUT MONTREAL

Montreal is the second largest French-speaking city in the world.

The Port of Montreal is Canada's number one container port and second on the Eastern seaboard only to New York. It is linked to some 200 port cities around the world and 40 shipping lines.

Montreal has been designated as the gastronomic capital of Canada by the CAA and AAA.

Due to its unique geographic position, Montreal was a prosperous fur-trading centre during the 18th century. Montreal is a mountain (hence its name meaning "Mount Royal") in the middle of an island in the middle of a river flowing out to the Atlantic Ocean.

Montreal has an underground city where tunnels and the metro link theatres, hotels, universities, office buildings, residential complexes and shopping centres. In the winter it is possible to live, work, play and shop without ever setting foot outside.

THINGS TO SEE IN MONTREAL

Notre-Dame Basilica, built between 1824 and 1829, was inspired by the Notre-Dame Cathedral in Paris. Designed by J. O'Donnell, it is a masterpiece of neo-Gothic architecture. Its East Tower, known as "The Temperance", holds a 10-bell carillon, while the West Tower, called "The Perseverance," holds "Le Gros Bourdon", a bell weighing 10,900 kg (24,030 pounds). The polychrome interior is highlighted by outstanding woodwork that is either painted or gilded. Located at the back of the Basilica are the Sacré-Coeur Chapel and the Notre-Dame Museum.

From the 17th century until the first decades of the 20th century, **Old Montreal** and the **Old Port** have been the centre of the city and have preserved testimonies of all bygone eras. Discover the unique architecture, museums, shops, restaurants and outdoor cafés found in Old Montreal. The Old Port, renovated in 1992, is a favourite spot for tourists and locals alike. Many of the restored buildings house museums, bars and shops.

The Montreal Casino is one of the 10 largest in the world with 106 gaming tables, 2718 slot machines, three restaurants and a theatre.

The Biodôme is a unique environmental museum recreating four ecosystems complete with their vegetation, wildlife and climate. It includes a tropical rainforest, a Laurentian forest, the St. Lawrence River marine environment and the polar world.

Montreal's Botanical Garden, created in 1931, is the second largest in the world. It features picturesque Chinese and Japanese gardens, 10 exhibition greenhouses and more than 30 outdoor gardens. Also located in the Botanical Garden is the Insectarium, with displays of insects from around the world.

Take the cable car up the **Olympic Tower**. The world's tallest inclined tower offers an incomparable view of Montreal.

Montreal is also home to over **30 museums**. At the heart of the city's cultural life, the Museum District radiates out from the Museum of Fine Arts. There are museums for classical history, modern art, religion, sculpture, architecture and humour just to name a few. Must-sees include the Montreal Museum of Fine Arts, the Canadian Centre for Architecture, Place des Arts and the McCord Museum of Canadian History. —

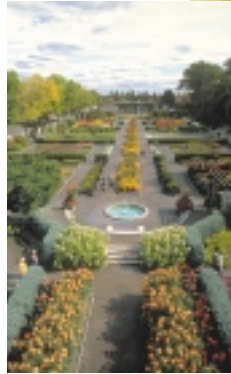
Take Your Family on a Vacation!

Vacation packages to destinations throughout Quebec will be available in collaboration with CAA-Quebec. The following guided tours of Laval, Montreal and the Cosmodôme have been prepared in partnership with the Laval Tourism Office.



PACKAGE 1: THE FLOWER TRAIL

- 8:45 AM** Depart from hotel
An 11.5 km agrotourist circuit in the heart of the Horticultural Capital of Quebec; Visit to the Fleurineau, l'Économusée de la fleur (Flower Economuseum); Visit to the Serres Sylvain Cléroux (Green houses); Visit to the Paradis des Orchidées (Orchids Paradise)
- 12:15 PM** Lunch and stop at the Confiterie Le Farfadet (Candy Factory)
- 2:15 PM** Depart the Farfadet
Visit to the Cosmodôme – Space Science Centre – an interactive museum about outer space
- 4:50 PM** Return to the hotel



Cost: \$62.45/person (including taxes)

Note: The cost is based on a minimum of 30 people and could change without notice.

PACKAGE 3: SPACE CAMP CANADA

- 10:00 AM** A full day at Space Camp
Visit the control centre and the cabin of the Endeavour space shuttle; Experience hands-on tow weightlessness and spatial disorientation simulators; Participate in workshops about rocket propulsion and effects of outer space.
- 4:00 PM** Return to hotel

Cost: \$24.00/person (including taxes)

Note: Minimum of 15 people

For more information, please contact the Laval Tourism Office directly at (450) 682-5522 or toll free at 1 800 463-3765.



PACKAGE 2: GET AN EYEFUL PACKAGE

- 9:00 AM** Depart from hotel
Visit to the Montreal Botanical Garden and Insectarium;
Visit to the Biodôme - experience four ecosystems: from tropical and Laurentian forests to the depths of the St. Laurence River and subpolar shores
- 12:00 PM** Lunch at the Biodôme
Visit to the Montreal Olympic tower
- 5:00 PM** Return to the hotel

Cost: \$54.17/person (including taxes)

Note: Cost does not include lunch and may change without notice.

1/4 pg BW
Mountain
Equipment Coop
Strip in form Winter
2000 Issue pg 5
E & F sep

Profile: Lloyd Gallagher

Each year, the National Search and Rescue Secretariat presents the Outstanding Search and Rescue Achievement Award to the group or individual who has made the most significant contribution to search and rescue efforts in Canada. On 16 October 1999, Mr. R. William Slaughter, Executive Director of the National Search and Rescue Secretariat (NSS), presented the award to Lloyd Gallagher, former Manager of the Kananaskis Country Public Safety Program on behalf of the Lead Minister for Search and Rescue, the Hon. Art Eggleton.

“Lloyd Gallagher exemplifies the dedication, expertise and courage that have earned Canada its reputation as a leader in search and rescue,” said Mr. Slaughter. “From initiating mountain rescue training programs and pioneering helicopter sling rescue, Lloyd has dedicated his career to constantly improving the training and safety of search and rescue providers.”

As Manager of the Kananaskis Country Public Safety Program, Lloyd Gallagher developed an intensive training program for the parks staff. Mountain rescue training, provided on a year-round basis, included improvised rope rescue, cable/rope rescue and helicopter sling rescue training.

He also organized a structural fire-fighting base, emergency dispatch centre and an ambulance contract for K-Country and participated in many inter-agency committees associated with SAR, Disaster Services and technical rescue.

Over his 18 years of service with the Public Safety Program, Lloyd participated in approximately 20 to 30 responses per year, ranging from simple limb fractures to fatalities and, in 1986, he served as overhead team leader for the response to a tragedy that claimed 13 lives after three separate aircraft crashes.

From physically climbing to the rescue of a fallen climber, to working to develop inter-agency programs, Lloyd has been a true leader in mountain rescue. An accomplished mountain climber, he earned renown in 1982 as the deputy leader of the first Canadian expedition to climb Mount Everest. He has also scaled Canada’s highest peak, Mount Logan.

In 1980, Lloyd was a member of the first Canadian expedition to China to ascend Mount Mutzagata. He has also climbed and traversed Peru’s Mount Yerupaya. But not all of his adventures have been in the mountains. Lloyd has also explored the headwaters of the Amazon on a balsa



Lloyd Gallagher, mountaineer and lifetime search and rescue professional, accepts his Outstanding SAR Achievement Award.

raft and has wintered on the Greenland Icecap 4000 miles north of Thule.

“Lloyd has shown the way for many aspiring mountain travellers and has inspired his colleagues from across Canada,” said Mr. Slaughter. “The legacy of his career is a public safety program that continues to make the outdoors a safer place for those who explore it and for those whose job it is to help people in distress.” —

Certificate of Achievement Winners 1999

Certificates of Achievement were awarded to the following people at the SARSCENE '99 awards ceremony:

Douglas E. Betts, Civil Air Search and Rescue Association (CASARA) Nova Scotia, for establishing an Arctic Training and Operations Plan.

Harry Blackmore, Newfoundland and Labrador Search and Rescue Association, for leadership and dedication to the provincial SAR organizations.

Martin Colwell, Lion’s Bay Search and Rescue, for developing computer resources for search management.

The Halifax Regional Search and Rescue Team, for ground SAR response to the Swiss Air Flight 111 tragedy. —



Canadian Ground Search and Rescue Study Released

The National Search and Rescue Secretariat (NSS) has released the report of a two-year study about the problems and issues surrounding ground search and rescue (GSAR) in Canada.

SOME OF ITS KEY FINDINGS ARE:

- Alzheimer's patients and other mentally affected persons represent the fastest-growing group of lost people;
- the popularity of extreme and rugged outdoor activities is resulting in more people being lost and injured in the outdoors;
- skilled volunteers form the single largest provider of ground search and rescue services to Canadians, yet are not protected by worker's compensation in some provinces;
- the 13 different GSAR jurisdictions make a national identity for GSAR difficult to attain.

The study consists of four components. The first, the Report of the *Canadian Ground Search and Rescue Study*, discusses the concept of national identity for GSAR. It provides population trends for Canada, the provinces and territories by age and sex for the 20-year period 1996-2016 and highlights the implications of these trends for GSAR.

Component 2, edited by Dr. Kenneth Hill, is a collection of some of the seminal works on lost person behaviour including among others, "The Psychology of Lost" by Ken Hill, "Analysis of Lost Person Behaviour" by William Syrotuck, and "Behavioral Profile of Wandering Alzheimer's Patients" by R.J. Koester and D.E. Stooksbury.

The *Survey on Canadian Ground Search and Rescue* is a cumulative report for Component 3. The results of surveys of GSAR co-ordinators/planners about issues facing GSAR, and surveys of the public, victims and others about outdoor recreation and perceptions about GSAR are featured.

The Ideas Kit, the fourth component, is a collection of monographs, pamphlets, cards, software and more, all of which provide creative ideas or techniques for operational GSAR teams. The collection fits into a tool box for easy access and display.

The four-part study is available through the NSS for \$35.00 plus shipping.

Individual parts of the study will not be available until the second printing. —

For more information contact: Edward Hitchcock, NSS
4th Floor, Standard Life Building 275 Slater St
Ottawa ON K1A 0K2, E-mail: edward@nss.gc.ca
Tel: (613) 992-0078 or 1 800 727-9414
Fax: (613) 996-3746



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National Search and Rescue Competition

October 15, 2000 – Canadian Coast Guard Auxiliary

The first National Search and Rescue Competition of the Canadian Coast Guard Auxiliary will be held in Montreal on October 15, 2000 as part of the SARSCENE Workshop, organized by the National Search and Rescue Secretariat. SARSCENE will also be held in conjunction with the Cospas-Sarsat Seminar, which will be attended by delegates from 30 countries.

The competition events will test the effectiveness of the teams in areas such as search planning, on the water rescue, first aid, fire-pump use, radio communication and line heaving.



MESSAGE FROM THE PRESIDENT OF THE CCGA-L



A Word of Welcome

The Canadian Coast Guard Auxiliary (Laurentian Region) is proud to host the first CCGA National Search and Rescue

Competition.

For over twenty years, CCGA volunteers have been making an immense contribution to safety on the water for pleasure boaters and commercial fishermen in Canada. Healthy, friendly competition will also help us to highlight the Auxiliary's important prevention and public education role.

I look forward to seeing you there.

ROBERT PETTIPAS

MESSAGE FROM THE CHIEF EXECUTIVE OFFICER



A Great First!

For some years, Canadian Coast Guard Auxiliary regional associations have taken part in regional competitions testing their members' SAR skills and expertise.

Our first National Competition will bring together teams from each of Canada's regions and representatives from the United States Coast Guard Auxiliary.

The Competition is the ideal opportunity to apply our knowledge and raise public awareness of the importance of safety on the water.

Good luck everyone!

HARRY STRONG



SAR Techniques Contest!

Have you ever had an idea for a new ground search technique that you thought was excellent and wanted to have it tried? Or have you thought of a variation on an existing technique that you think would make searching more effective? Here's your chance to make it known!

The NSS would like you to enter your idea in the Millennium's Best New Search Technique Contest. Submissions are limited to two pages, and need not be field-tested. The deadline is 30 September 2000. Entries will be judged on estimated outcome, originality and practicality. SARSCENE 2000 participants will cast the deciding votes. The person behind the best idea will receive a special prize and maybe a place in SAR history!

Entries may be published in SARSCENE magazine in the hopes that these new ideas will lead to some improved methods of searching and make the job of SAR more effective and rewarding. —

Send your entries or questions to:

John Chaffey, Chief, Non-Federal SAR Programs, NSS
4th Floor 275 Slater Street, Ottawa ON K1A 0K2
Tel. (613) 996-3727, Fax. (613) 996-3746
E-mail: jchaffey@nss.gc.ca

Calling all SARSCENE Shutterbugs!

SARSCENE workshops create lots of interesting photo opportunities! Why not take part in the first ever SARSCENE photo contest. Here are the rules:

- 1 Send in your photograph by November 15 (sorry no digital photos!)
- 2 Be sure to clearly label the back of the photo so we can return it to you.
- 3 A selection of photos will be published in the Winter 2001 issue of SARSCENE magazine.

PRIZES WILL BE AWARDED FOR EACH CATEGORY:

- 1 SARSCENE Games
- 2 SARSCENE Dogs
- 3 Teamwork – any photo depicting people working together, helping at the workshop, taking part in a session
- 4 Learning – any photo depicting one of SARSCENE's presentations
- 5 Action – any photo depicting a demonstration of techniques or equipment
- 6 SARSCENE Memories – any photo depicting the people that make SARSCENE memorable for you. —

Submit your photo to: SARSCENE Photo Contest, NSS
4th Floor Standard Life Building
275 Slater Street, Ottawa ON K1A 0K2

Upcoming Events

If you have any events to list in the upcoming issue of SARSCENE Magazine, please contact Jennifer Reaney.

Phone: 1 800 727-9414 or (613) 996-3035 • E-mail: jreaney@nss.gc.ca • Fax: (613) 996-3746.



SARSCENE 2000

The ninth annual Canadian SAR workshop will be held 11-15 October 2000 in Laval, Quebec. This year, for the first time, the Cospas-Sarsat Seminar will be taking place in conjunction with SARSCENE. In attendance will be delegates from 30 countries. For more information about the workshop please contact:
Louise Pilloud, Chief,
Communications and Marketing
National Search and Rescue
Secretariat

Standard Life Building
275 Slater Street, 4th Floor
Ottawa ON K1A 0K2
Tel: (613) 996-2642
or 1 800 727-9414
Fax: (613) 996-3746
E-mail: louisep@nss.gc.ca
URL: www.nss.gc.ca
Carol Namur, The Volunteer Group
Sauvetage Canada Rescue
E-mail: cnamur@citenet.net



MOUNTAIN RESCUE ASSOCIATION (MRA)

15-19 October 2000
International Commission for Alpine Rescue (IKAR) 42nd Annual Conference.
Grand Canyon, Arizona.
Cohosts: NASAR and MRA.
URL: www.ikar-cisa.org

January 2001
(weekend before Martin Luther King Day)
Mountain Rescue Association (MRA) Winter Meeting.

June 2001 (weekend before Father's Day)
Mountain Rescue Association (MRA) 43rd Annual Conference. Seattle, WA.

For more information on these meetings please visit the Web site at: www.mra.org or info@mra.org
Tim Kovacs, President
Mountain Rescue Association
Operations Leader/Paramedic,
C.A.M.R.A./ MCSO MR
E-mail: tkovacs@goodnet.com



SAR 2001

The annual NASAR Response conference will be held 25-27 May at the Sheraton Hotel in Colorado Springs, Colorado. Details are still being finalized, but keep an eye on the NASAR Web site for the latest details.
URL: www.nasar.org

INTERNATIONAL TECHNICAL RESCUE SYMPOSIUM (ITRS) 2000

Pigeon Mountain Industries
The ITRS 2000 addresses the need to stay informed on the latest in the field of technical rescue. This year the ITRS will take place on 20-22 October 2000 in Tucson, Arizona.
For more information or registration, contact: ITRS 2000
c/o Pigeon Mountain Industries, Inc.
P.O. Box 803, LaFayette, GA 30728 USA
Tel: (706) 764-1437
URL: http://www.nasar.org/itrs.shtml —

Registration Form

St. Lawrence River SAR Demo



Come on board for a special cruise at *SARSCENE 2000!* Join us on Saturday, 14 October for a cruise down the St. Lawrence River from the Port of Montréal to Sorel, Quebec. While on board take in special rescue and equipment demonstrations featuring on-shore rappelling, a hovercraft demonstration, a helicopter rescue and a special demonstration of Bombardier's *Canadair 415* amphibious aircraft. The cruise will last for approximately 5 hours. Passengers will leave the Sheraton Laval at 10:00 a.m. and will be returned by bus late in the afternoon.

The fee for the cruise is \$50.00 per person and registration should be completed by **31 August 2000**. There will be no on-site registration for the cruise, so use this form to reserve your seat.

Participation is limited, so register early to avoid disappointment. If the minimum number of participants is not reached one month prior to the scheduled cruise, the cruise will be cancelled and your payments refunded.

Send all payment and registration information to:

Lynn Tremblay NSS
 4th Floor Standard Life Building
 275 Slater St
 Ottawa ON K1A 0K2
 Tel. (613) 996-4737 or 1 800 727-9414
 Fax. (613) 996-3746
 E-mail: ltremblay@nss.gc.ca

CRUISE REGISTRATION FORM

NAME: _____

ORGANIZATION: _____

ADDRESS: _____

CITY: _____

PROV. / TERR. / STATE: _____

COUNTRY: _____

POSTAL CODE: _____

TEL: _____

FAX: _____

EMAIL: _____

_____ TICKET(S) @ \$50.00 = _____

PAYMENT BY CHEQUE MADE PAYABLE TO SARSCENE 2000

VISA MASTERCARD

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EXPIRATION DATE: _____ / _____ / _____

NAME OF CARDHOLDER: _____

SIGNATURE: _____