



October—November 2000

NEWSLETTER

Colorado Search and Rescue Board

PMB 424, 7645 North Union Blvd., Colorado Springs, CO 80920

Special points of interest:

- CSRB Elections
- SAR Fund Debate
- Inland SAR



The next CSRB meeting is November 9th at Camp George West in Golden

A Great Day for Training



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CSRB Elections

January's general meeting will include elections for the Directors on the Board. There are 12 directors and 6 are replaced each year. A Director's position is a two-year team. The Director is limited to two terms. This means that a Director can only serve 4 years before taking a 1-year break. This coming election has 6 open positions and 2 Directors are up against term limits. This means that a minimum of two people is needed to run for the board and a maximum of 6 people can run.

From these board members the board elects a President, Vice President, Treasurer, and Secretary.

These people must be either individual members of the board or members of a Team or Agency that is a current dues paid member. These directors must attend at least half of the General meetings (6 a year) and Director meetings to maintain their position on the board. The board has lots of interests and areas that need participation. Members are needed to assist as Coordinators to assist with filling requests for assistance to teams across the state during searches. There are also training in several areas of search management, NASAR's "Managing the Lost Person Incident," "Plans Section Chief," "Incident Commander," to mention a few of the classes. CSRB also hosts the "Colorado Search and Rescue Conference" in May each year. The board also represents Search and Rescue teams on the State Search and Rescue Fund. This is a State Fund to assist a Sheriff in recovering costs for searches. The State Legislation regularly encounters legislation that interacts with SAR concerns. Other agencies like the Mountain Rescue Association (MRA), National Association for Search and Rescue (NASAR), American Society for Testing Materials (ASTM), Search and Rescue Dogs of Colorado, and many more groups are represented. CSRB also supports a newsletter, a list server (place to get email messages relayed to lots of folks), and a WEB Page (http://uvb.nrel.colostate.edu/~daveb/csrbc/csrbc_home.html) There can be even more possibilities for special interests.

Please take an active interest in assisting the Colorado Search and Rescue Board in the State of Colorado. People interested in running for a board position can get more information by contacting, Leonard Ginther at 303-426-4955 Home Phone (Please leave a message) or l.l.ginther@worldnet.att.net.



Remarkable SAR news story:

Hasty, the avalanche dog, trained by teammate Patti Burnett of SCRG, made such a lasting impression up there that a statue of him has been erected in a Summit Co. park!!



Fosdick	Bruce	bfosdick@uswest.net	MC/D/President/ Treasurer
Fosdick	Rick	richard.fosdick@lmco.com	D
Ginther	Leonard	leonard_ginther@emass.com	D/Secretary
Jansen	George	georgej@uvb.nrel.colostate.edu	MC/D
McCabe	Tom	elkheart@compuserve.com	MC/D
Nelson	Bill	nelsonwd@co.larimer.co.us	D
Remsburg	Dan	remsburg@bigfoot.com	D/Newsletter
Rhodes	Tom	trhodes@nyx.net	D
Conquest	Keith	Conqu@mindspring.com	D/Vice Pres/Senior Coord
Stevens	Joe	stevens@cmn.net	D
Warner	John	jwarner@yampa.com	D

CSRB General Meeting Notes September 14, 2000

Bruce Fosdick is out of town, Keith Conquest would run the meeting

Training: (George Janson Training Chairman)

Manage the Search Function (MSO):
Training package has been ordered. El Paso and Douglas County are working on co-presenting a class.

Managing the Lost Person Incident (MLPI):
No classes currently scheduled.

Plans Section Chief (PSC):
No classes scheduled at this time.

Incident Commander Search and Rescue (ICSAR):
No classes are planned at this time.

MSO vs. MLPI: (Bruce Fosdick, George Janson, and Leonard Ginther)
No action taken at this time. Anyone wishing to assist should e-mail georgej@nrel.colostate.edu to make comments.

Other Training:

Tracking Classes – Universal Tracking Service.
- 09/8-10/2000 Woodland Park – Dam Remsburg 719-687-2748 \$250 lodging and meals
- 09/29-10/1/2000 Loveland – Don Davis 970-669-9016

NASAR Conference – May 2001 – Colorado Springs (<http://www.nasar.org>)

ITRS:

October 20-22 ITRS, (International Technical Rescue Symposium) Tucson, AZ.

National SAR School "Inland SAR" – February 20-24, 2001 – Leonard Ginther 303-426-4955

This class requires 6 Federal Representatives, 6 State Representatives, and 6 Local County representatives. This will be combined with CAP members and Air Force trainees for an interesting class. CSRB will back the expenditures needed for this course.

SAR Conference: May 2001

Pueblo is still in the running. Nobody has stepped up to actually take on the conference. Discussions about combining NASAR conference was decidedly turned down.

Legislative Updates:

No activity to be concerned about at this time.

Special Interest Groups:

Search Dogs:

Dog calls are slow during the summer (due to fires?). Seemed to run consistent with team call outs in areas. Several dog teams are in testing process in Larimer and several are close to ready for testing in El Paso. Hanna Sparks and Sadie retired. Sambuka (Marie Cloughsey of El Paso) passed away. Cello (Greta Sloan of Alpine) passed away. Would like to prepare a plaque of deceased SAR dogs to hang in the new Sheriff's Association Building. Would like plaque to include all recognized SAR dog units deceased SAR dogs.

MRA Report:

The fall Rocky Mountain Region training and meeting will be October 28, 2000. This is the only weekend during the hunting seasons that has no hunting season in effect. The major agenda items for the meeting will be the election of directors for region and discussion of any issues the region wants to take a position on at the national meeting in January. If you have nominations or are interested in serving as director yourself please contact Tim Manning the Region Secretary/Treasurer (twmanning@shomaker.com). For the description of the responsibilities of the directors you can go to the region WEB site (http://www.mra.org/rockymtn/RockyMRA_Bylaws.pdf). The training will be highlines. This will be 09:30 in Elevenmile Canyon. The meeting will be in Fairplay after the training. For more information on MRA meeting and topics contact Bill Cotton (bcotton@lamar.colostate.edu). More information on training and local accommodations contact Dave Thorson (dthorson@amigo.net).

ASTM:

ASTM meeting October 22-23, 2000 Tucson. 3 new standards.

NASAR (Cheryl Kennedy):

Chris Wambach is the NASAR Regional Canine Representative for region VIII. Conference was moved to May 2001, still in Colorado Springs Sheridan Hotel. NASAR Canine Standards have moved to Education Committee with the Education Committee meeting early October to review them to begin implementation and distribution.

Aviation SAR:

Nothing to report.

EMS:

No Report.

DOLA:

Checking the other box will not help justify costs. Need to justify SAR funds for grants. Grants are available for training. The SAR fund committee members do not favor soft goods (temporary goods).

WEB Page:

No update on this activity. WEB page at location: http://uvb.nrel.colostate.edu/~daveb/csrb/csrb_home.html.

CSRB also has a list server at: (csrb@rmsd.com.) Subscribe by sending the words "subscribe csrb" to majordomo@rmsd.com.

Nomination Committee:

There are six director positions open for the Search and Rescue Board. Two of these directors are up against term limits. As a minimum CSRB needs two people to run for office. Up to six people a run for these positions. People interested can contact Leonard Ginther at (l.l.ginther@worldnet.att.net, 303-426-4955 Home [Please leave a message])

NASAR and CSRB Conference Combined:

A member from Larimer suggested that the two conferences are different presentations, CSRB covering more basic SAR topics and NASAR covering more advanced SAR topics. Costs of the conferences are drastically different as well. The general feeling was to keep the two conferences separate.

CAP Wing Commander:

Jack Buschmann reminded the group that CAP has 14 Aircraft, 45 Member owned aircraft, and 380 trained crewmembers available to assist in air search resources. There was mention of the

Memorandum of Understanding to get CAP to fly when AFRCC turns down missions. This has a cost of \$60.00 and hour and cannot compete with commercial resources. The \$60.00 covers the aircraft costs (fuel, oil, maintenance, etc.) only not crew.

Mission Reports:

Park County:

Park County has had several drownings. Park County needs a Dive team to respond in their area. Also, noted that there have been more 4-wheel drive accidents in the backcountry.

El Paso County:

30 call outs this year. One was a lightning strike on top of Pikes Peak, was out of the blue.

Alpine:

Nothing unusual. Paul Woodward retired, John Wells is the current coordinator.

State Coordinators:

Call back numbers need to be a mission contact or mission leader. Leaving number for dispatcher does not help coordinator make contacts for mission information.

Grand County:

Indian Peaks near summit of peak. Helicopter carried out patient which would have needed an 8 mile carry out.

Larimer:

14 missions, load is down. Lots of stand-downs or long carry-outs.

Larimer Dive:

Rainbow family conference had a drowning and an overdose.

Forest fires kept activity down, caused a burned camper.

CAP:

Several missions, several ELTS. Included in this was Aspen's crash.

Teller County:

Normal work load. 1st water mission. .

Arapahoe:

Small stuff. Littleton and South Platte work.

Other:

SAR TV stuff.

Agency will be calling to check resources phone numbers.

Wednesday a week ago Tom family had a ceremony at El Paso to present Lifetime Service Award.

Jeff Birch RN was looking for mentors for Wilderness Evaluation of nurses assisting in wilderness. Bruce and Howard will make contacts.

George Janson for Larimer will be hosting the MRA Summer conference in June 2002 or 2003.

Newsletter:

Address updates are needed from SAR teams. If you are not receiving you newsletters contact Leonard Ginther 303-426-4955 or l.l.ginther@worldnet.att.net.

Dan needs articles for newsletter. Contact Dan at: 719-687-2748 or email at: remsburg@bigfoot.com.

Lawmaker urges review of state search-and-rescue fund

By John Sanko, Denver Rocky Mountain News Capitol Bureau

A state lawmaker said Tuesday it's time to review a fund launched 13 years ago to help counties pay for looking for lost hikers, hunters and other recreationists.

The bulk of the \$380,000 in the fund last year — \$3 out of every \$4 — went to pay for search-and-rescue training and equipment. Less than 20 percent paid for finding someone who paid into the fund.

As a result, Rep. Joe Stengel, R-Littleton, questioned whether the program had become a slush fund for sheriffs at the expense of sportsmen who buy licenses. "The sportsmen aren't cash cows," said Stengel, who chaired an interim committee looking into

wildlife programs.

The program began in 1987 with a 25-cent surcharge on hunting and fishing licenses. It was expanded in 1992 to include boat, snowmobile and off-highway-vehicle licensing, and a \$1 hiking certificate was created in 1995 with a quarter earmarked for the fund.

But the law restricts payments to counties to those times when the search is for someone who has paid those fees. A second category allows payments for searches involving relatives of a licensed person. The third and largest category is money that goes for training and equipment.

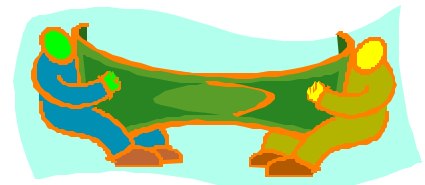
Tim Sarmo, the program's administrator for the Department of Local Affairs, said direct search costs were paid for only 75 to 100 of the estimated 1,500 searches carried out in the past fiscal year. "I'm

funding the ones I get," Sarmo said. "I don't know why I'm not getting more. The sheriffs are making the call on which ones they send in."

Gunnison County Sheriff Rick Murdie said the fund would be depleted even more rapidly except for the fact that the military and Civil Air Patrol pick up costs for using aircraft in search efforts.

But his county doesn't bill search costs to people who haven't paid into the fund and doesn't intend to. "The fear is if we start charging, we're going to have fewer people calling us at an appropriate time," Murdie said.

September 27, 2000





Andrea Reller here with some info about the upcoming seminar.

-I am to receive mailing labels from Leonard in the next few days and the flyers will be sent out immediately after.

-The dates are Dec. 9&10 for the basic course. To be held at Summit High School on Sat and at Mayflower

Gulch on Sunday.

-The advanced course will be an ICS 300 level course to be held on FRI DEC.8 AND DEC.9 at the Silverthorne Library. Sun. will be with Basic course at Mayflower Gulch.

-Instructor for ICS: Eric Doucette of the US Coast Guard

-\$55/person Basic includes Sat. dinner at Old Chicago's, limited to 100 people

-\$75/person ICS (advanced) includes Sat. dinner, limited to 20 people

Thanks,
Andrea

SAR on the Web

Excellent links site:

<http://www.area-ham.org/library/sar/sar.htm>

Fine example of a SAR Website:

<http://www.imsaru.org/>

Check your road conditions:

<http://www.dot.state.co.us/public/public.htm>

Avalanche Information:

<http://www.caic.state.co.us/>



SAR 2001, Colorado Springs, Colorado, May 24-27, 2001

FOR IMMEDIATE RELEASE...

YOU ASKED... WE LISTENED!!!

NASAR's 29th Annual Conference and Exhibition, SAR 2000, has been rescheduled for May 24-27, 2001 and will hence be renamed SAR 2001. The conference will still be held at the Sheraton, Colorado Springs, and all scheduled events, room rates and registration fees remain the same.

<http://www.nasar.org/>

Registration Hours

Wednesday, May 23 4:00 pm - 8:00 pm

Thursday, May 24 7:00 am - 5:00 pm

Friday, May 25 8:00 am - 5:00 pm

Saturday, May 26 8:00 am - 5:00 pm

Conference Schedule

Thursday, May 24

9:00 am - Noon Opening Session & Awards

1:30 pm - 3:00 pm Workshop Session I

3:30 pm - 5:00 pm Workshop Session II

6:00 pm Presidents Reception

Evening Special Interest Groups

- Medical
- Swiftwater
- Instructors
- SAR Dogs
- Canadian
- State SAR Coordinators

Friday, May 25

9:00 am - 10:15 am General Session

10:30 am - Noon Workshop Session III

1:30 pm - 3:00 pm Workshop Session IV

3:30 pm - 5:00 pm Workshop Session V

Evening Friday Night at the Movies

Saturday, May 26

9:00 am - 10:15 am General Session

10:30 am - Noon Workshop Session VI

1:30 pm - 3:00 pm Workshop Session VII

3:30 pm - 5:00 pm Workshop Session VIII

4:00 pm - 6:00 pm Exhibitors Reception

Evening OPEN

Sunday, May 27

8:00 am - 9:00 am Continental Breakfast

9:00 am - 10:30 am Motivational Closing Session

BODY HEAT LOSS

The body loses heat in five ways: Respiration, Evaporation, Conduction, Radiation and Convection.

RESPIRATION: Heat escapes when air is exhaled. This can be reduced by covering the mouth and nose area with wool or a bandana.

EVAPORATION: Perspiration evaporates from the skin and moisture from the lungs contributes to heat loss by the body. Control the amount of evaporation by wearing clothing that can be ventilated or taken off. Wear clothing that will not absorb water, but will breathe. So you can control the cooling effect of evaporation.

CONDUCTION: Sitting on the ground, snow, touching cold equipment, or being rained upon are all examples of how heat can be lost through conduction. If you be-

come wet a large amount of body heat is lost rapidly. Perspiration or rain should never be allowed to saturate your clothing which can reduce their insulating values. Wear clothing that will keep you warm even if it is wet, such as wool or some of the new synthetic materials (polypropylene, polorguard, fiberfill, quolofil) have good wet characteristics. Sit or sleep on a closed-cell insulating pad.

RADIATION: Radiation causes the largest heat loss from uncovered skin, particularly the head, neck, and hands. It is important to cover these areas in keeping warm and preventing further heat loss.

CONVECTION: The primary function of clothing is to keep a layer of warm air next to the skin, but allows water vapor (perspiration) to pass outward. The body continually warms this layer of air close to

the body. A wet suit uses this same theory, but when a person falls into the water you are chilled for a few moments before the water next to your skin is warmed by your body. A dry suit has less initial shock because water does not get inside to start with so the clothing you wear under the dry suit captures the air to retain your warmth. Heat is lost rapidly with the slightest breeze unless you wear a nylon or gortex shell over your clothing to prevent the warm air from being lost. The cooling effect of wind chill is equal to that of much lower temperatures due to the increased evaporation and convection. You must have wind protection and good insulating value (dead air space) for your clothing to retain your body heat at a safe level.

HYPOTHERMIA IN WATER

Loss of body heat to the water, is a major cause of deaths in boating accidents. Often the cause of death is listed as drowning; but, often the primary cause is hypothermia. It should also be noted that alcohol lowers the body temperature around two to three degrees by dilating the blood vessels. Do not drink alcohol around cold water. The following chart shows the effects of hypothermia in water:

WATER TEMPERATURE / EXHAUSTION / SURVIVAL TIME

32.5 degrees.....	Under 15 min.....	Under 15 TO 45 min.
32.5 to 40.....	15 to 30 min.....	30 to 90 min.
40 to 50.....	30 to 60 min.....	1 to 3 hrs.
50 to 60.....	1 to 2 hrs.....	1 to 6 hrs.
60 to 70.....	2 to 7 hrs.....	2 to 40 hrs.
70 to 80.....	3 to 12 hrs.....	3 hrs. to indefinite
Over 80.....	Indefinite.....	Indefinite

PFD's (personal flotation devices / better known as life jackets) can increase survival time because of the insulating value they provide. In water less than 50 degrees you should wear a wet suit or dry suit to protect more of the body.

CSRB Hosting National SAR School's "Inland SAR"

UPDATE on Inland SAR Class

February 20-24, 2001, Colorado Search and Rescue Board is hosting the National SAR School's Inland SAR class. This will be presented at the Army Guard auditorium at the Revere Parkway office. This is a 5-day class to be presented to experienced Search Managers. There is no charge for this class. However, food and lodging will not be provided for people attending the class.

As hosts CSRB is required to get 16 people from Federal, State, and local resources. These people must have current SAR management experience. NOTE: This is not a beginning level course. The National SAR School and CSRB will select the students from the information provided by applicants. People wishing to reserve a seat or get more information should contact: Leonard Ginther, CSRB representative, at 303-426-4955 Home Phone (Please leave a

message) or l.l.ginther@worldnet.att.net. Please give name, phone, e-mail, address, agency, and experience. More information on the course contents can be found at <http://www2.acc.af.mil/afrc/nss/index.html>. The National SAR school expects CSRB to get no more than 6 representatives of each resource, sheriff representatives, State agencies, and Federal agencies. CAP members need to apply through their Squadron or Wing commanders and the National SAR School, CAP, and Air Force will select the members to attend.

The National SAR School staff will cancel the class if there is not enough interest to fill the whole class. Please notify CSRB of your interest. This class has a limited number of presentations a year and we have been given an opportunity to host the class.

Six people have signed up for

the Inland SAR Class. We need 10 more people. We have two representatives from the State of Colorado Agencies or Federal agencies. The National SAR School will cancel the class if we cannot demonstrate an interest (enough people from different agencies to make a full class). Please contact me with registration information as soon as possible. We have to the end of October to get names submitted to the Inland SAR folks.

Members from Civil Air Patrol must submit requests through proper CAP channels. Please send your requests to your Wing Headquarters. I cannot help with CAP members, as National CAP headquarters will select them.

Leonard Ginther
See application on next page.



National Search & Rescue School

US Coast Guard Reserve Training Center
 Yorktown, Virginia 23690-5000
 (757) 898-2273, fax (757) 898-2242
 sarschool@usa.net

INLAND SEARCH AND RESCUE COORDINATION COURSE (AFCAT 36-2223: E5AZG1C371-001)

In 1966, the National Search & Rescue School was established as a facility devoted exclusively to training professionals to conduct search and rescue (SAR). The school is currently located at USCG Reserve Training Center (RTC) Yorktown, Virginia. Graduates number over 14,000 men and women, civilian and military, including over 1,400 from 103 foreign nations.

National SAR School consists of nine faculty members (four officer; five enlisted) and one enlisted yeoman (administrative specialist) who handle the bulk of some 20 course offerings every year. USCG instructors manage the three-week Maritime SAR Planning Course, assisted by two USAF instructors who also teach a one-week Inland SAR Coordination Course and a one-week Joint Combat SAR Coordination Course.

The mission of the five-day Inland SAR Coordination Course is to provide the best possible consolidated information about planning, organizing, and operating land and air searches. The course is directed toward SAR managers in federal, state, and local emergency services/law enforcement agencies, as well as Civil Air Patrol, international, and volunteer SAR agencies. Focusing on “find the objective fast,” the course centers on techniques to help SAR decision makers determine where to search, how to divide an area between search teams, and how to manage the overall search effort. Classes are held at various locations around the country approximately eight times per year.

Topics covered include:

- Historical Search Studies
- SAR Management/Planning
 - *Legal Aspects of SAR*
 - *Dealing with External Influences*
 - *Incident Command System Overview*
- The SAR System from a Federal Viewpoint
- SAR Resources / Capabilities
- Air & Ground Search Strategies / Tactics
 - *Determining Probability of Containment (POC) and Probability of Detection (POD)*
 - *Using Probability of Success (POS) as a measure of search planning effectiveness*
- Search Area Development
 - *Overdue Aircraft and the NTAP System*
 - *The Search & Rescue Satellite Aided Tracking System*
 - *Canadian Search Area Definition for aircraft searches*
 - *Balancing POC and POD*
 - *Lost Subject Behavior*
 - *Developing Regions and Segments for Ground Searches*
- Practical (Table-Top) Exercises (Air & Ground SAR)

Desired Course Dates: _____	NATIONAL SAR SCHOOL COURSE APPLICATION
Location: _____	Full Name _____
Alternate: _____	Organization _____
Mail, fax, or e-mail application to:	Position _____
National SAR School USCG RTC Yorktown Yorktown, VA 23690-5000 757-856-2273, fax -2242 e-mail: sarschool@usa.net	Mailing Address _____ _____ _____
	Phone _____
	e-mail _____

PMB 424, 7645 North Union Blvd
Colorado Springs, CO 80920



***Remember to send newsletter articles to: “remsburg@bigfoot.com” or fax to 719-687-5457.
Mail to: Dan Remsburg, 1913 County Road 782, Woodland Park, CO 80863. Do you have a
great SAR photo? Any photos submitted can be scanned and returned.***