



# NEWSLETTER

August—September 2004

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

**Colorado Search and Rescue Board**

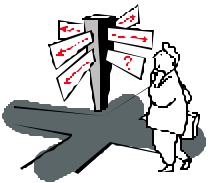
PMB 424, 7645 North Union Blvd., Colorado Springs, CO 80920

## Special Points

### Of Interest

- CSRB Meeting Changes
- SARCON 2005
- Awards
- SARFUND Board Vacancy

**The next CSRB meeting is Sept. 11th - Alpine Rescue Shack in Evergreen at 1200. Training will be at 1400.**



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## CSRB Meeting Day Change!

**11 SEPTEMBER**, Alpine Rescue Team "shack" I-70 @ Evergreen Pkwy. exit. See <http://www.coloradosarboard.org/csrb-meeting.asp> for details, directions, map

10:00 am Board of Directors' meeting

12:00 General Membership meeting. (Brown Bag Lunch - El Rancho Restaurant, McDonalds and Burger King across the road)

2:00 PM High-Intensity SAR Teamwork, Tim LaMacchio. A program from the 2004 Colorado SAR Conference. Responding to the life-saving needs of emergency situations, SAR teams must perform at peak levels --- lives depend upon it. Achieving and continually improving this performance is seldom easy and teams rely on a common path --- training. As a result these teams have extraordinary technical expertise. However training is only one solution when improving performance. If SAR teams are to perform at high levels they must leverage all the "critical performance factors" influencing their success. This session will discuss these seven factors that influence your search and rescue efforts.

**13 NOVEMBER**, Alpine Rescue Team "shack"

12:00 General Membership meeting. (Brown Bag Lunch)

2:00 PM Training: Get Ready for the Avalanche Season, Colorado Avalanche Information Center

**8 JANUARY, 2005**, Alpine Rescue Team "shack"

12:00 General Membership meeting & Annual Election (Brown Bag Lunch)

2:00 Training: T.B.A.

The training dept. has yet been unable to pin down Garfield Co. SAR on the dates for their Sept. MLPI class and time is short. Therefore, we'll forego holding the regular meeting on the road in Glenwood Springs, and hold it instead at Alpine Rescue's "shack" , as last time.

The bylaws require us to hold a meeting in the third quarter, so let's do it the same day. There are a few potential topics:  
Appointments

2005 Peelgrane Fund committee  
2005 Holloway Award committee  
2005 budget  
Set dues rate for 2005  
Amendments to bylaws  
Proxies  
Action without a meeting  
Expenditures authority / budget

Please advise of anything you need on the agenda.

- Howard

# News, Notes, and Stuff...

## SARCON 2005 Call For Papers

The 2005 Colorado Search and Rescue Conference will be held in May 2005. We would like to invite local, regional, and national educators to submit proposals for presentations at this conference.

Please visit the CSRB web site at <www.coloradosarboard.org>. For conference information please visit the conference page at <www.coloradosarboard.org/csrb-sarcon.asp>.

### Proposal Due Date

Your complete proposal must be received by December 21, 2004, in order to be considered for selection.

**Please send your proposal(s) and a brief biographical sketch to:**

Curriculum Committee  
2005 Colorado SAR conference  
8581 Cherry Lane  
Westminster, CO 80031  
Email: <mailto:l.l.ginther@worldnet.att.net>  
Phone: 303-426-4955.

## Low-Tech Solution to Working on Acetate in the Field

Most teams use Acetate layers covering a topographic map to keep track of tactical operations and planning. Most search management staff divide into two opposing groups. One group uses a permanent marker so that an accidental oops with a coffee cup does not wipe out all of your teams' locations and information. The other group uses acetate markers and argues against permanent markers because of the inconvenience of having to use special solvents to remove permanent ink. Acetate markers are easier and less time consuming when you are frequently updating field maps. An excellent compromise exists in grease pencils -- resistant to the errant coffee cup spill yet able to be removed with a dry cloth. The grease pencils can be used on a variety of surfaces. Mission staff no longer needs to be marked by colored fingertips.

<http://www.listo.com/pencil.htm#a>

## NASAR Award Winners

Cheryl Kennedy of Colorado won NASAR's highest award, the Hal Foss Award for exceptional leadership and contributions to the development and promotion of NASAR education and standards. Other award winners included David Comstock of Arkansas and Dee Wild of Louisiana, who won a special award from the NASAR board.

State award winners included Alaskan state troopers for enhancing the PLB program, Mono County (California) Sheriff's Department SAR team for leadership during complex SAR missions, Julie Kelble of Colorado for dedication to the avalanche deployment program, Maryland Department of Natural Resources for the development of a mantracking team, Vermont Department of Public Safety for development of PLB response, and John Rotheisler of Search and Rescue Association of Alberta.

<http://www.nasar.org/nasar/news.php?id=132>



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**CSRB Meeting Minutes**  
**10 July 2004**  
**Alpine Rescue Shack, Evergreen, CO**

Meeting started at approximately 1204.

*Attending: Dan Remsburg (TCSAR), Howard Paul (Alpine), Bill Young (LCSAR), Don Davis (LCSAR), Ian Vowles (Mounted Rescue), Mark and Colette Miller (Ouray Mtn Rescue), Tin Holden (RMRG), Crawford Rainwater (Gilpin), Joe Ben Slivka (Summit), Mike McDonald (Douglas), Brian Stuebe (Arapahoe), Bruce Fosdick (Douglas), Leonard Ginther (FREDF/CAP), Glen Kragtz(sp)(Summit), Bob Wagner (Alpine), George Jansen (LCSAR/CAP), Dave Thorson (Park), Ann Wichmann (FRRD/COTF), Dawn Alperiti (Routt), Sandy Phillips (Routt/SARDOC), Dennis McLaughlin (El Paso/SARDOC), John Agnew (Summit)*

**SARCON Report**—172 people attended. Final tally is not in but we did lose money on it. Discussed the challenges and passed out thanks for those who put so much into it.

Discussed future sites for SARCON. Camp Cedaredge has submitted a proposal to host it again. We do want to stay out of the lodging business and let the host handle all lodging arrangements with the participants.

Talked about an MLPI class in Garfield County. Trying to get it so that the CSRB meeting is the same weekend.

At the MRA meeting, Tim Cochrane stated that his unit (VMR) will only compile the standards data they are collecting, not evaluate it. There will be a website created to handle all the data so that others can access it and evaluate the data.

7/27 is the drop dead date for the FEMA standards to be reviewed. Discussed the FEMA standards (processes/pros/cons)

**ASTM**—Mike McDonald—Sessions were mixed with the NASAR conference. NASAR is going to stop writing standards and will work with ASTM to handle the SARTECH levels. There are 32 published standards and 8 in the works

Cheryl Kennedy was awarded the Hal Foss award at the NASAR conference for lifetime achievement.

**NASAR Report**—Bruce Fosdick—The last newsletter had a full report in it. Discussed private companies that are getting into the PLB business. Discussed Urban SAR information. Discussion about POA and POD versus terrain analysis. Reported on new info regarding NASAR licensing

**SAR Fund**—John Agnew—There will be a meeting on Sept. 8th in Frisco. Keith Conquest's term is up so we need to look for a new candidate. Discussed DOLA reimbursement problems.

**SARDOC**—Dennis/Bill/Ann—Have had 40 requests with 40% of them being urban searches. Discussed water certification and how some are traveling throughout the U.S. to help other teams with training. FRRD has had 40+ calls this year and teams are

nearing testing.

**PR/External Affairs Report**—Discussed charging for SAR issues associated with the recent legislation in California. That is for water rescues from rising waters. Discussed the Tacoma News Tribune article. State All-Hazards Advisory Committee: Discussed how to distribute Homeland Security \$\$\$. This consists of all types of regions with some overlapping. They are working on a common region map where the regions are clearly defined. Only 9 regions currently. CSRB will be asked to join the committee. (Joe Ben?)

**Other**—Discussed the issues with the CSRB mission reporting software. Get all issues with it to Howard and Dan. Some questions on the new software that the Park Service is using to report missions.

**Mission Reports**

1. Teller—Nothing significant to report
2. Larimer—Calls about falls
3. Mounted SAR—Dealing with family and friends on a mission
4. Ouray—Nothing to report
5. Routt—Calls from police and fire regarding traffic accidents and a light moment about a new resident that was lost.
6. Gilpin—Multi-agency problems.
7. RMR—Typical calls. Plenty of falls but dealing with politics.
8. FRRD—Typical calls
9. Park—Nothing to report
10. Arapahoe—Cherry Cr. Park mission. Hard to see.
11. El Paso—10 hour carryout on Pikes Peak. Probs with Fire Departments. Mission load down.
12. Douglas—Furniture movers! Had a body in a dresser in the bottom of a ravine. Had to carry the dresser out with the body in it. Victims calling from cell phones.
13. Summit—Cell phones. 9 people lost on a trail. Expect GPS coordinates from cell phone use. Suicide in December. Called in by cell phone. Hiker found a week ago. Died from hypothermia. Quandary mission: lots of external support.
14. Alpine—Memorial Day mission. St. Mary's glacier. 2 brothers (20/16) not equipped. Storm caught them above timberline. 1 6 y/o died during the night but dog would not leave the victim. EMS folks wanted the guy treated as a patient until the coroner pronounced death, though had been deceased for several hours. Hard dealing with the family during this time. Victim advocate helped out the team in dealing with it.

Joe Ben Slivka presented information on communications issues including licensing, RF principles, HF/VHF/UHF, trunking systems, digital vs. analog, wide band/narrow band, SAFECOM, Project 25, and how this all effects us in SAR. This info was very useful and appreciated! Thanks!

*Respectfully Submitted*  
*Dan Remsburg*  
*CSRB Secretary*

## Review of Three Different Water Resistant Papers

During the Washington State SAR Conference sweep width experiments, a classic rain storm welcomed the searchers. This gave the experiment team the perfect opportunity to test three different types of water resistant paper in actual field conditions.

Rite-in-the-Rain Copier paper was used for the detection log. This is a coated paper that can be used with laser printers or copiers. It made a great black and white copy of the map and made excellent black and white forms. The paper held up well in the rain and best results were obtained by using a pencil. An attempt to print a color map using an ink-jet printer produced a washed-out map that was nearly impossible to read. The cost for 200 sheets is \$23.95

<http://www.riteintherain.com/copeirpaper.html>

National Geographic Adventure Paper is specifically de-

signed for use with inkjet printers to make water resistant maps. The product holds up to its claim while both wet and dry. The map was used as a coversheet on the clipboard and the ink colors did not run at all. The only downside to the product is its higher cost and the fact it is only designed to be used with inkjets and not laser printers. The cost for 25 sheets is \$19.95

<http://maps.nationalgeographic.com/topo/adventure.cfm>

I-Gage Weatherproof Paper is similar to National Geographic Adventure Paper. It also printed a bright crisp map. Under the driving rain the colors did not run, however the paper did not feel quite as stiff. The paper allows a little more flexibility in that it can be used with copiers, laser printers, and ink-jet printers. While you can mark on it with felt-tip, highlighter, or ink pen, a pencil will not work. A special ink pen is not required. It is half as expensive as the National Geographic paper. The cost for 50 sheets is \$19.95

<http://igage.com/WeatherP.htm>

## Hurry -- Voting ends September 6th!

Vote (over and over again!) for National Association for Search and Rescue's "Kilo's Black Molli" to represent the U.S. at the International Canine World Heroes Salute in Washington DC!

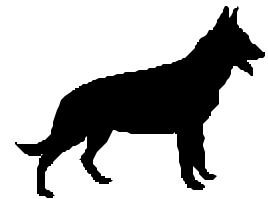
You are invited to vote for "Kilo's Black Molli," the National Association for Search and Rescue's representative -- one of six outstanding service canines honored in this year's Pedigree

Paws to RecognizeT program.

If Molli receives the most votes, she will represent the United States at the international Pedigree Paws to Recognize, Canine World Heroes Tribute to be held at the Humane Society of the United States headquarters in Washington, DC in October. At the international salute, the U.S. Canine World Hero representative together with canine heroes from other countries will have their paw prints enshrined in cement to create a Hollywood-style Canine World Heroes Walk of Fame.

This is a wonderful honor for Molli and an equally wonderful showcase for the valuable service National Association for Search and Rescue canines provide everyday to people across the U.S.

VISIT <http://www.pedigree.com/vote> to cast your vote for the only search and rescue nominee!



Cheryl Kennedy  
Larimer County SAR Team

Dear Cheryl,

On behalf of the entire Colorado SAR community -- which is 57 organizations in 41 different counties -- congratulations on receiving the Hall Foss Award from NASAR!

We are extraordinarily lucky to have you as an esteemed colleague in Colorado, someone with the foresight to see the future of SAR and the dedication to work tirelessly for years to move our profession there. Such recognition is rare, making your work all that more valuable.

Larimer County Search and Rescue Team also deserves commendation; the team encourages members to work on behalf of the profession outside of the team's regular, time-consuming operations, as is evident by your, Dave Bigelow's and current members support of national and state SAR organizations, projects and committees.

Cordially,

Howard M. Paul  
President  
Colorado SAR Board

cc: Larimer County Sheriff Jim Alderden

## SAR Fund Advisory Board Vacancy

The Colorado Search and Rescue Fund Advisory Board is an 11 member body that advises the Colorado Dept. of Local Affairs (DOLA) regarding the operation of the fund. Two seats on the board are reserved for representatives of the CSRB. Others represented on the board are county sheriffs (3), Colorado Division of Parks and Recreation, Colorado Division of Wildlife, and sportsmen (hunters, fishermen), off-highway vehicle users, boaters, snowmobilers, hikers, mountain bike riders and cross-country skiers, through their various coalitions and associations.

Since 1996, the Department of Local Affairs has paid \$614,736.31 to counties for 496 missions. In the eight-year history of the end-of-year grant program, the department has awarded \$ 2,629,955 in grants.

The board makes recommendations to DOLA to award grants to sheriffs for their SAR agencies; it also serves as an appeal board for denied SAR-mission-specific reimbursement requests. The board reviews and recommends any necessary changes to the state rules that dictate the operation of the fund.

One of the CSRB's two seats is vacant, with Keith Conquest's term expiring and his retirement from the board. We are seeking someone to fill a CSRB seat for the next two-year term.

With many non-SAR agencies attempting to gain access to the fund these days, it is important for a CSRB representative to be familiar with the history of the fund and the purpose for which it was created. They should, ideally, be somewhat familiar with the various SAR teams across the state. The CSRB representatives must communicate the SAR community's position to the board and to the fund administrator, DOLA

The board typically meets twice a year; once in January and again in June to review grant requests. This year, a special meeting will also be held September 8 in Frisco, to discuss rules pertaining to mission reimbursement requests and how those rules should be applied and enforced

If interested in serving as one of the CSRB's two reps, please contact me at "hmpaul@ecentral.com"

Cordially,  
Howard

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Howard M. Paul  
President, Colorado Search and Rescue Board  
[www.coloradoSARboard.org](http://www.coloradoSARboard.org)  
Member, Alpine Rescue Team (MRA); Evergreen, Colorado  
[www.alpinerescueteam.org](http://www.alpinerescueteam.org)

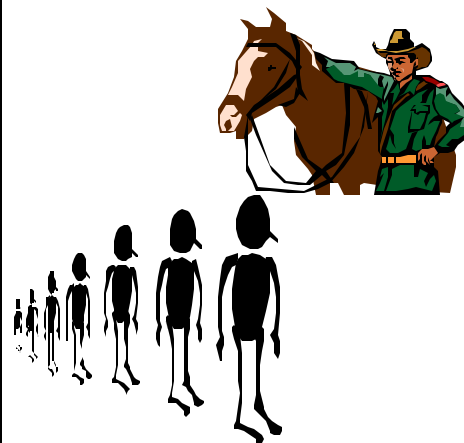
## More Results from National Search and Rescue Committee POD Experiments

A total of five detectability experiments have been completed around the country with interesting results. The experiments, sponsored by the National Search and Rescue Committee, have been conducted during winter time conditions in the Virginia mountains of Shenandoah National Park, spring conditions in the mountains of New Mexico, a wet day in the Pacific Northwest near Mt. Rainier, the summer foliage of Virginia during the NASAR conference, and on Mt Diablo in California. The experiments would not

have been possible without the assistance of numerous people, agencies, volunteer data loggers and searchers.

Following are observations and findings from the 5 experiments. The relationship between Average Maximum Detection Distance and effective sweep width has ranged from 1.0 to 2.0. Both inexperienced and experienced searchers overestimate or underestimate their personal Probability of Detection (POD). Personal POD does not appear correlated with searcher's experience. Occupations that require frequent visual searching (pilots, sheep herders, field biologist, rang-

ers, etc) have higher POD regardless of SAR experience. The team also conducted the first direct comparison between mounted teams and ground teams during the California experiment.



# Resource Typing

Here is the latest information from FEMA/Titan Corp. on resource typing which was discussed at Saturday's CSRB meeting. Point of contact is Tanya Batiche, whose email address is: "tbatiche@titan.com".

Resource Typing is still very much underway, **\*\*\*if you are interested in participating in any one of the below resource typing discipline groups please email me with your complete contact information and your group of interest.\*\*\***

As we approach the September deadline for the next 60 resource typing definitions, the discipline groups are busy at work typing their next set of resources. As the discipline groups complete draft definitions, these definitions will be distributed to all Initiative Stakeholders for comment and feedback to ensure that common terminology is being utilized throughout all of the resource typing definitions.

The second set of resource typing definitions have been drafted by the respective discipline groups and are ready for stakeholder review.

## **Resources being typed are:**

Animal Health

- \* Animal Protection Incident Management Team
- \* Animal Protection: Large Animal Rescue Strike Team

- \* Animal Protection: Large Animal Sheltering Team
- \* Animal Protection: Large Animal Transport Team
- \* Animal Protection: Small Animal Rescue Strike Team
- \* Animal Protection: Small Animal Sheltering Team
- \* Animal Protection: Small Animal Transport Team

## Search and Rescue

- \* Air S&R Team
- \* Wilderness Canine Air Scent Teams
- \* Cave Search & Rescue Team
- \* Mine and Tunnel Search and Rescue Team
- \* Radio Direction Finding Team
- \* Wilderness Search and Rescue

## Additional Information:

\* FEMA's National Mutual Aid and Resource Management Initiative website is up and running and contains the first 60 typed resources in html and pdf:  
[http://www.fema.gov/preparedness/mutual\\_aid.shtm](http://www.fema.gov/preparedness/mutual_aid.shtm)

\* The Emergency Management Institute has launched a new online Independent Study Course, IS 700 National Incident Management System (NIMS), An Introduction. The interactive web-based course is available through the National Emergency Training Center Virtual Campus and can be accessed at the below web link:  
<http://training.fema.gov/emiweb/is/is700.asp>

-Mike McDonald  
mgmcd@comcast.net

## **SAR 2005 Call For Presenters**

To view the guidelines for submitting workshop proposals for the SAR 2005 Conference in Oakland, follow this link. [http://www.nasar.org/nasar/downloads/Call\\_for\\_05\\_Presenters.doc](http://www.nasar.org/nasar/downloads/Call_for_05_Presenters.doc)

If the link doesn't work for some reason, just go to the NASAR website at [www.nasar.org](http://www.nasar.org), click on Education, then click on SAR Conferences.

The theme for the conference is "Gateway to SAR." Some suggested areas of focus for your proposals included:

- \*Mounted SAR
- \*Wilderness First Aid
- \*Homeland Security

- \*Urban SAR
  - \*Technical and Rope Rescue
  - \*Water and Flood Rescue
  - \*SAR Management and SAR Theory
  - \*Canine SAR
  - \*Best Practices at the State and Local Levels
  - \*SAR Planning and Operations, Documentation
  - \*International Updates and Highlights (Best Practices)
- The deadline for proposals is October 31, 2004.

Jacki Golike  
Executive Director / Chief Operating Officer  
National Association for Search and Rescue, Inc.  
<http://www.nasar.org>  
703-222-6277 voice



# PLANNING SECTION CHIEF: SAR

## Steamboat Springs, CO

### October 15 -17, 2004

Routt County Search and Rescue invites you to attend the NASAR course, Planning Section Chief: Search and Rescue.

The course is designed for search incident managers or future search incident managers who have a strong background in Managing the Search Function and an excellent working knowledge of the Incident Command System. The course will build upon those skills and provide instruction on development of an incident action plan, resource tracking, situation tracking, how to conduct planning meeting and operational period briefing.

The cost of the course is \$225.00. The cost of the course includes all instructional materials and all breaks. Lodging and meals are on your own.

To register please send the completed registration with full payment to Routt County Search and Rescue, PO Box 772837, Steamboat Springs, CO 80477. **The registration deadline is September 20, 2004.** For more information contact Sandy Phillips at 970.846-9994 or email sandrakayphillip@hotmail.com

Hotel rooms are available at the Rabbit Ears Motel in Steamboat (970) 879-1150. Rates are; 1 queen/1 person \$49.00, 2 Doubles/ 2 people \$59.00, 1 king/ 2 people \$69.00. Tell them who you are with and you can get these commercial rates. Other hotels can be booked through Steamboat Springs Central Reservations 1 (866) 787-1939.

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### REGISTRATION

NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

TELEPHONE: \_\_\_\_\_ DAY \_\_\_\_\_ EVENING \_\_\_\_\_

COST: \$225.00

**MAKE CHECKS PAYABLE TO Routt County Search and Rescue**

#### Binary Interchange of Information and Signaling Available on Radios

A new non-proprietary, world standard offers users a wider array of products for a variety of applications for sending digital information over analog products such as mobile and portable radios. The new standard will allow sending GPS coordinates and simple digital text messages over standard public safety radios.

[http://www.icomamerica.com/land\\_mobile/handouts/BIIS%20Handout.pdf](http://www.icomamerica.com/land_mobile/handouts/BIIS%20Handout.pdf)



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

<b><u>Upcoming Calendar of Events</u></b>		
CSRB Mtg/Training	9/11	Alpine Rescue Base
CSRB Mtg/Training	11/13	Alpine Rescue Base
Plans Section Chief (SAR)	10/15-17	Steamboat Springs, CO
ITRS 2004	11/5-7	Albuquerque, NM
SAR 05 (NASAR)	5/25-28/05	Oakland, CA
International Symposium On Mountain Rescue	6/13-19/05	Vail, CO

***Remember to send newsletter articles to: "n0vsx@msn.com". 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.***