



**Serving the Colorado  
SAR Community  
since 1966**

December 2005—January 2006

# NEWSLETTER

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

**Colorado Search and Rescue Board**

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

## **Special Points Of Interest**

- ?? Elections
- ?? SAR Survey
- ?? SARCON 06
- ?? Wilderness Search Crew

**The next CSRB  
meeting is Jan  
7th - Alpine  
Rescue Shack in  
Evergreen at  
1200.**



### **Inside this issue:**

CSRB Meeting	1
SAR Survey	1
News, Notes, and Stuff	2
CSRB Elections	2
WSC Typing	3-5
SARCON 06	5
Calendar of Events	6

## **January CSRB Meeting**

**01/07/05**

### **Alpine Rescue Team "Shack"**

**General Membership Meeting starts at 1200  
Training starts at 1400 (see below article)**

## **SAR Survey**

Your team should have received by now, via e-mail, the first-ever CSRB Colorado Comprehensive Survey of the State of the SAR Profession. We invested considerable time in contacting each team and discussing this major and important project with an individual from nearly every team (80% contact rate). The survey is both retrospective, gathering data from recent years and prospective, gathering answers to even more questions in 2006. It is important that teams look at the questions posed and begin tracking data to answer them, on January 1, 2006, to collect data for 2006.

The survey will tell us:

1. If Colorado SAR, as a whole, is financially and operationally viable
2. If support is sufficient
3. If volunteerism is sufficient

4. The profession's strengths and weaknesses
5. If SAR is able to meet its responsibilities, and how to improve if not
6. The financial value of the Colorado SAR community to its residents and political leaders.

Each team will receive an analysis of how they compare to the rest of the state, so they can identify and steer training, local and state public policy; establish benchmarks for the grant making community; inform legislators, regulators and the public; all things the CSRB will do at the state level as well.

If your team has not received the survey (which is an Excel spreadsheet), or if unsure, please contact Howard Paul, [hmpaul@ecentral.com](mailto:hmpaul@ecentral.com), right away so it can be sent to you.

We have a dual topic training session planned for the January CSRB meeting:

- \* Dale Atkins, Colorado Avalanche Information Center, will discuss latest trends and research, and report about the fall 2005 meeting of the International Commission on Alpine Rescue (IKAR).
- \* Paul Cooke, Colo. Div. of Fire Safety, will introduce Colorado's new all-risk Incident Management Team (IMT) program.

Remember, 2006 elections for Board of Directors and Officers will be held at the January meeting (your team's dues must be paid and received by then!)

# News, Notes, and Stuff...

## "The Five Pillars of Emergency Communications Planning"

<http://www.envoyworldwide.com/pdf/PillarsWppr0805.pdf>

This white paper produced by EnvoyWorldwide, Inc. discusses best practices for communications planning to key audiences in times of crisis.

## Value of Volunteer Time

The value of a volunteer's time in the United States has been calculated to be \$17.55. The figure is often used by volunteer organizations to place a dollar value on invaluable time donated by members. The article [at the link below](#) shows how the numbers were obtained and specific values for each state.

[http://www.independentsector.org/programs/research/volunteer\\_time.html](http://www.independentsector.org/programs/research/volunteer_time.html)

## 2006 CSRB Elections

The 2006 CSRB election will take place at the January 7 meeting, 1/2 the directorship is up for election.

Nominations are requested for seats on the board of directors for a two-year term, from individuals that are CSRB member teams' "representatives" to the CSRB or are associate members of the CSRB.

Currently held seats for which a director will be elected are held by:

*Howard M. Paul	Alpine Rescue Team
Bill Young	Larimer County SAR
*Bruce Fosdick	Douglas County SAR
*Leonard Ginther	Civil Air Patrol
Phil Luethy	Alpine Rescue Team

(\*Have stated wish to run for re-election in 2006)

Current directors entering the 2nd year of their two-year term are:

Dan Remsburg	Teller County SAR
Ian Vowles	Mounted SAR
George Janson	Larimer County SAR
Barry Mitchell	Douglas County SAR
Lanny Grant	Garfield County SAR
Mike McDonald	Douglas County SAR

FYI, the elected directors then elect four officers from among the directorship, for one year terms each.

Please send your nominations to Ian Vowles, at [Ian@modricusa.com](mailto:Ian@modricusa.com)

**your  
current  
CSRB  
Board**

Howard	Paul	hmpaul@ecentral.com	President/D
Bill	Young	wyoung@frii.com	VP/D
Dan	Remsburg	n0vsx@msn.com	Sec/D/Newsletter
Bruce	Fosdick	b_fos@msn.com	Treas/D/MC
Leonard	Ginther	l.l.ginther@worldnet.att.net	D/MC
Lanny	Grant	lannyg@earthlink.net	D
George	Janson	georgej@nrel.colostat.edu	D/MC
Phil	Luethy	philluethy@juno.com	D/MC
Mike	McDonald	mgmsar@comcast.net	D
Barry	Mitchell	n0kv@arrl.net	D/MC
Ian	Vowles	Ian@modric.net	D

## Colorado Wilderness Search Crew

Category	TYPE I	TYPE II	TYPE III
NUMBER OF PERSONNEL	Crew Supervisor plus a minimum of 1 and a maximum 5 crew members	Crew Supervisor plus a minimum of 1 and a maximum 5 crew members	Crew Supervisor plus a minimum of 1 and a maximum 5 crew members
CREW SUPERVISOR	Satisfactory performance as a Type I crew member and crew-leader trainee. Understanding of ASTM F1633. Training in supervisory concepts.	Satisfactory performance as a Type II crew member and crew-leader trainee. Understanding of ASTM F1633. Training in supervisory concepts.	Satisfactory performance as a Type III crew member and crew-leader trainee. Understanding of ASTM F1633. Training in supervisory concepts.
MEDICAL SKILLS (crew must contain at least one qualified individual)	Current EMT-B or First Responder or "Outdoor" equivalent	Current EMT-B or First Responder or "Outdoor" equivalent	Current First Aid & CPR certification
ENVIRONMENT	Class 3 terrain <sup>1</sup> , all environments, all seasons, all weather	Class 2 terrain <sup>2</sup> , all environments, all seasons, all weather	Class 2 terrain <sup>3</sup> ; all environments; spring, summer & fall seasons; all weather
SEARCH SKILLS (Meet or exceed ASTM F2209)	Capable of executing all tactical search operations in Type I environment.	Capable of executing all tactical search operations in Type II environment.	Capable of performing tactical search operations in Type III environment.
EVACUATION CAPABILITIES	Organize and participate in progressive litter carry, low angle <sup>4</sup> raise and lower.	Organize and participate in progressive litter carry, low angle raise and lower.	Organize and participate in progressive litter carry.
LAND NAVIGATION	Determine, document, communicate position; navigate point-to-point with GPS and map/compass; route finding using Lat-Long, UTM, PLSS <sup>5</sup> .	Determine, document, communicate position; navigate point-to-point with GPS and map/compass; route finding using Lat-Long, UTM, PLSS.	Determine, document, communicate position; navigate point-to-point with GPS and map/compass; route finding.
TRACKING SKILLS	All clue and track aware with knowledge of man-tracking.	All clue and track aware with knowledge of man-tracking.	All clue and track aware with knowledge of man-tracking.
TRAVEL SKILLS	Travel safely and proficiently in Type I environment.	Travel safely and proficiently in Type II environment.	Travel safely and proficiently in Type III environment.
TRANSPORTATION	4x4 vehicles that can transport the crew and equipment.	4x4 vehicles that can transport the crew and equipment.	Vehicles that can transport the crew and equipment, 4x4 recommended.

<sup>1</sup>. As defined in Mountaineering The Freedom of the Hills; Current Addition, The Mountaineers, Seattle Washington, USA

<sup>2</sup>. As defined in Mountaineering The Freedom of the Hills; Current Addition, The Mountaineers, Seattle Washington, USA

<sup>3</sup>. As defined in Mountaineering The Freedom of the Hills; Current Addition, The Mountaineers, Seattle Washington, USA

<sup>4</sup> From FEMA National Mutual Aid and Resource Management Initiative Glossary of Terms and Definitions: Low-Angle Rope Rescue (Rope Rescue) - Rescue in which the load is predominately supported by itself and not the rope rescue system

<sup>5</sup> PLSS - Public Land Survey System (township, range, section)



## Colorado Wilderness Search Crew

<b>PERSONAL EQUIPMENT</b>	Appropriate clothing and equipment and PPE for Type I environment and assignment.	Appropriate clothing and equipment and PPE for Type II environment and assignment.	Appropriate clothing and equipment and PPE for Type III environment and assignment.
<b>CREW EQUIPMENT</b>	As requested by ordering agency or determined by the crew.	As requested by ordering agency or determined by the crew.	As requested by ordering agency or determined by the crew.
<b>COMMUNICATIONS</b>	Basic radio communication skills and etiquette. Inter and intra-crew communication capabilities	Basic radio communication skills and etiquette. Inter and intra-crew communication capabilities	Basic radio communication skills and etiquette. Inter and intra-crew communication capabilities
<b>WORK ASSIGNMENT SELF-SUSTAINABILITY</b>	Capable for up to 2 days with overnight stay in Type I environment.	Capable for up to 2 days with overnight stay in Type II environment.	One operational period in Type III environment.
<b>DEPLOYMENT SUSTAINABILITY (ability to self-support on incident)</b>	Equipped to be self-sustaining for 72 hours.	Equipped to be self-sustaining for 48 hours.	Equipped to be self-sustaining for 48 hours.
<b>PATIENT CARE SKILLS duration, packaging – stabilization &amp; protection, environment,</b>	Manage patient stabilization, packaging, and protection appropriate for the duration and environment of the evacuation.	Manage patient stabilization, packaging, and protection appropriate for the duration and environment of the evacuation.	Assist with patient stabilization, packaging, and protection appropriate for the duration and environment of the evacuation.
<b>FITNESS</b>	Walk (no running or jogging) 3 miles in 60 minutes over level terrain with a 25 pound pack	Walk (no running or jogging) 2 miles in 40 minutes over level terrain with a 25 pound pack	Walk (no running or jogging) 2 miles in 40 minutes over level terrain with a 25 pound pack
<b>HELICOPTER OPERATIONS</b>	Basic helicopter safety and helispot selection	Basic helicopter safety and helispot selection	Basic helicopter safety
<b>ICS KNOWLEDGE</b>	Crew supervisor I200 Crew member I100	Crew supervisor I200 Crew member I100	Crew member – all minimum I100

### **Terrain Classification**

Appendix to Colorado Wilderness Search Crew Type Criteria

Source: Mountaineering, Freedom of the Hills; The Mountaineers, Seattle.

#### **Class 2 Terrain**

Involves some scrambling and likely use of hands; all but the most inexperienced and clumsy will not want a rope.

Examples:

- ?? Difficult hiking, such as through boulder fields, where more balance is required.
- ?? Cross country, requiring route finding skills.
- ?? Difficult cross-country travel (thick brush, climbing over and around fallen trees, and big talus) hands are used for balance.
- ?? Trail is either nonexistent or very uneven or intermittent, may need hand for balance.

#### **Class 3 Terrain**

Moderate exposure may be present; simple climbing or scrambling with frequent use of hands. A rope should be available.

Examples:

- ?? Scrambling on rocks using hands as well as feet
- ?? Requires use of hands for climbing, rope may be used
- ?? Must use hands for progress but don't need to search for holds nor do you need climbing techniques.

## INCIDENT COMMAND SYSTEM NATIONAL TRAINING CURRICULUM

Appendix to Colorado Wilderness Search Crew Typing Criteria (9/2005)

Estimated Modules	Courses and Titles	Hours
<b>*I-100 INTRODUCTION TO ICS</b>		
1	ICS Orientation	2
	Total I-100	2
<b>*I-200 BASIC ICS</b>		
2	Principles and Features of ICS	2
3	Organizational Overview	4
4	Incident Facilities	2
5	Incident Resources	2
6	Common Responsibilities	2
	Total I-200	12

\* The 100 and 200 level courses are available in a Web-based independent study format as “Q462 Introduction to NIMS ICS for Operational First Responders” (I-100) and “Q463 Basic All-Hazards NIMS ICS for Operational First Responders” (I-200) Go to: <http://www.training.fema.gov/>

**LATE NEWS**—The Wilderness Search Crew Kind and Types have been accepted by the state Resource Mobilization Working Group, which has forwarded it to the NIC for consideration of adoption by FEMA. Mike McDonald has submitted it to ASTM F-32 for consideration of adoption profession-wide.

The CSRB Resource Typing Working Group has begun similar work on the Mountain SAR Kind, beginning with a straw man to be discussed among the group.

From the state Resource Mobilization Working Group, we can report that they are working on criteria for all-risk section chiefs. Drew Davis believes that with simple addition of SAR specific training requirements, those may be used as SAR incident section chiefs -- and we need not create SAR Plans and Operations Sections Chiefs (useful for mutual aid requests). The state's Incident Management Team subcommittee is on the agenda for the Nov. 7 Resource Mobilization Working Group meeting at the state Multi-Agency Coordinating Center (MACC) in Greenwood Village.



**SARCON 06**  
**July 21-23, 2006**  
**Western State College**  
**Gunnison, Colorado**



**This year's conference will be held at WSC in Gunnison, with exciting training courses on both Friday and Saturday followed by presentations and reviews of the major missions of 05 by top members of the SAR community.**

**Registrations will open around January 21<sup>st</sup> via the new electronic system.**

**Watch the website for the latest details : [www.sarcon06.org](http://www.sarcon06.org)**

**This will be the event of 2006 you will not want to miss! Mark your calendars now – out of state folks will be considering booking vacations around this weekend. A good attendance is expected from the region.**

**See you in Gunnison !**



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

### Upcoming Calendar of Events

CSRB Meeting	1/07	Alpine Rescue
CSRB Meeting	3/4	Alpine Rescue
SAR 06	5/24-27	Austin, TX
MRA International Conference and Workshop	6/15-18	Marin County, CA
SARCON 06	7/21-23	WSC Gunnison, 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.***