

SARNEWS

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NOVEMBER 1996

TUCSON, ARIZONA

VOL.21 NO.11

FROM THE EDITORS

We would like to publish a list of e-mail addresses of members. If you would like to have your e-mail address published send us an e-mail stating so: Andy & Mary Lamb 103217.1167@compuserve.com

Check out the following Web pages:

MRA <http://www.mra.org>

PCSD <http://biz.rtd.com/pcsd/>

PIMA CO. SEARCH AND RECOVERY DIVERS

by Nate Shechter, 887-3714

DIVERS CALENDAR

November Railroad (elections) 18:30, Mon, Nov 4

This is our annual election and potluck dinner. Show up at the Kunz' (1329 S. Marc) or be elected president.

SOUTHWEST RESCUE DOGS, INC.

by Jenny Tuttle, 622-8105

SRDI CALENDAR

Training 08:00 Sun, Nov 3
Sheriff Substation 106, Tanque Verde and Catalina Hwy
Work at Molino Basin

Training Committee Meeting 18:30-20:00 Wed, Nov 13
Sheriff Substation 106, Tanque Verde and Catalina Hwy

Board Meeting 20:00-21:00 Wed, Nov 13
Sheriff Substation 106, Tanque Verde and Catalina Hwy

General Meeting 19:00-21:00 Thu, Nov 14
Sheriff Substation 106, Tanque Verde and Catalina Hwy

This is an important meeting: the slate will be open for Jan 97 election of officers. 1997 dues are payable Jan 1 thru end of Feb 97.

SRDI would like to thank all members of SARCI groups who came to our annual yard sale fund raiser. It was a huge success!

TUCSON COMPOSITE SQUADRON, C.A.P.

by 1lt Darell New, 290-9501

No report, must be out flying.

PIMA CO. SHERIFF'S MOUNTED POSSE

by Bob Siegel, 722-1358

POSSE CALENDAR

Posse Meeting 19:00 Thu, Nov 21
Sheriff Substation 106, Tanque Verde & Cat. Hwy.

After a few months absence we have made a come back. We welcome back Ken, Mac, Austin, Ed, and Georgia who abandoned our beautiful summer weather for cooler areas of Northern Arizona, Colorado, and Victoria.

The Posse has been pretty busy the past month with their usual activities as well as their gymkana which has now moved back to Sundays. In addition we had the Rincon Valley parade and within the next few weeks the Green Valley and the Corona de Tucson parades.

A couple of other members have been on the annual Tucson to Tombstone trail ride run by the Tucson Saddle Club. They ended their ride in Tombstone for Holidorado Days. They return Sunday evening the 20th of October, hopefully not too sore.

SOUTHERN ARIZONA RESCUE ASSOCIATION

SARA CALENDAR

SARA General Meeting 19:30 Fri, Nov 1
St. Marks Presbyterian Church

SARA Board Meeting 19:30 Thu, Nov 21
U of A Farms (mobile classroom, south of bleachers)
Note the date, a week early, due to Thanksgiving on the 28th.

BASIC TRAINING II

Presenter: Nate Shechter, 887-3714
Where: Sollers Point (Catalina Hwy, milepost 18.9)
When: 08:00, Saturday, November 2
Meet: Sheriff Substation 106, Tanque Verde & Cat. Hwy

SARA MONTHLY TRAINING MINE RESCUE

Presenters: John Perchorowicz, Dave Brown, Nate Shechter
Where: Grand Mogul Mine
When: 07:30, Saturday, November 16
Meet: Orange Grove & I-10

The Scenario: A couple recently acquired a plot of land near

Ragged Top Mountain. The Grand Mogul Mine sits on their property. Previous owners had set up the mine as a water supply for livestock, since it was flooded. The water quality is not the best. Looking down the mine the owners detected that in addition to a water supply, the previous owners also used it as a place to store used appliances, etc. Neither has a desire to work in this vertical space. But, being the neat, and clean individuals that they are and concerned for the environment, the owners decided to hire three local entrepreneurs to clean up the appliance shop. The clean up begins Friday afternoon while the owners are away in Tucson. Curly descends down the vertical shaft on an existing metal ladder and manages to secure a rope around a refrigerator. He says that he will wait in safety in a drift he has discovered off of the main shaft, while the refrigerator is hauled to the surface by Larry and Moe. The hauling operation goes as planned. They shout down to Curly that they are ready for him to secure the next appliance, but get no response. Repeated calling yields nothing. Moe and Larry are afraid of the dark and heights and will not descend to find their comrade. Knowing that Curly is lazy and a practical joker they assume that he has either fallen asleep or is hiding. Darkness comes, with no sign of Curly. Looking down the shaft they see no light from Curly's flashlight. Teasing about dinner being served also brings no response. Moe sends Larry into town to phone the owners, who arrive some hours later and make the decision that this is best handled by others. One drives to a phone and calls 911.

The responding deputy puts out a page. SARA has been requested to search the mine and find Curly. A map exists for the mine. The mine consists of a near-vertical shaft and two drifts. It is uncertain whether both are under the level of water pumped from the shaft. The pump is at 140 feet and is submerged. Individuals should be prepared to descent via this route. There is no ventilation system.

The Training: Please be prepared to depart by 07:40 (vehicles gassed, carpools formed, doughnuts bought, equipment loaded), since the site is 30-45 minutes away. A brief orientation about the mine and mine safety will be presented prior to beginning the exercise. In order to expose the largest number of people to different aspects of the operation, those with experience are asked to participate as team members rather than leaders. This will be treated as an unknown space. Air quality will be monitored and precautions must be taken not to dislodge or trust the ground forming the walls of the shaft.

The Objective: This training is primarily to hone the skills associated with confined space rescue in an area with less stable ground than a cave. The secondary objective is to gain experience in team and leadership positions, problem solving and tasks that one may not have had opportunity to participate in at an actual operation, like team leader, rigging systems, victim packaging and handling.

Best estimate is that the training will end around noon with a group discussion and debriefing. The owners, SARA member Cindy Coping and her husband have graciously allowed us to practice on their property. However, they have made it clear that they know little about the condition of the mine. Nate Shechter has made a descent to check things out and Dave Brown and I have at least peered over the collar. See you there! Following the training there will be a pot luck at the site. Bring a dish to share.

BASE CAMP / FWD PRACTICE

Presenters: TBA
Where: TBA
When: TBA, Saturday, December 14
Meet: TBA

CAVE RESCUE TRAINING REPORT

by Bill Graff 297-0457 whgraff@ccgate.hac.com

SARA conducted a cave rescue training on the weekend of September 21, 22. Thanks to everyone who attended the practice. On Saturday, 16 people participated in the cave orientation in Cave of the Bells. On Sunday, 26 people participated in the cave rescue practice. The Sunday practice was comprised of members of the Escobraso Grotto, Cochise County Search and Rescue and our very own SARA members. The practice scenario involved the extrication of a fall victim from the lake in Cave of the Bells. And in addition a second patient, who was ambulatory, was discovered. It took approximately 8 hours, two haul systems, many belays, communications, and all 26 people to extricate the patient. Everyone contributed and did a great job. It was a lot of fun and much was learned in the process. Below are listed some of things we did right and of course some of the things we did wrong.

- The rescue was ambitious for the amount of people we had. Many people played several different roles and filled in where they were needed.
- When using the OSS with the SKED always use the OSS shoulder board. The patient will be more comfortable because the SKED tends to squeeze in around the patients chest.
- The patient belay line should be secured to the SKED then pigtailed down to the patients seat harness. This again makes the patient more comfortable because the belay is pulling on the SKED and not the patient.
- The importance of having personnel who are cavers was realized, and if they are familiar with that particular cave even better.
- Communications between Haul team and SKED team proved vital to the safety of the patient. The SKED team used this communication



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link well to control the speed of the haul system when maneuvering the SKED through tight vertical squeezes, keeping the patients face out of the rock.

- Once the patient has been located the UIC should be notified quickly and the route to the patient marked with flagging.
- Haul team did a good job setting up the haul above the lake. Anchors were set in another room and the anchor rope was brought to the passage above the lake giving the haul system a more direct path to the patient.
- SKED team needs to remember not to race ahead of the haul team when in the horizontal portions of the passage. The haul team needs to pull 5 feet of rope for every foot the sked team moves. Let the haul team pull you along.
- Remember to use short commands when working with haul team. (i.e. STOP, HAUL). They don't understand long sentences bouncing off the sides of the cave. .
- Use of a stuff sack to lay communication wire through cave, rather than the spool, made it easier for the personnel to maneuver safely through the cave.
- Use of the cave phones to locate and reallocate personal and resources in the cave saved hours in time and energy of personnel.
- Additional cave phone communication from entrance to basecamp would have been helpful.
- Use of a non-shielded phone wire would make easier for tapping into the phone line.
- Keep track of equipment being taken into cave and take equipment to where it will most likely be needed. Haul bags are seldom needed at the bottom and have more use at the top.
- Use of a load releasing hitch would be helpful when changes of direction need to be removed from the haul line.
- Cave safely taking care not to damage the cave.

BLS Course: CPR for the Professional Rescuer

Adult, infant and child, CPR, one man and two man rescuer, use of pocket resuscitation mask and bag valve mask. Red Cross certificate upon successful completion of course. Cost \$20.00. A pocket rescue mask is required (\$10.00 at class). Time and place to be arranged. Call Frances Walker, 790-9399

FIELD QUALIFICATIONS

To be field qualified members must have a current medical certification and a current Basic Rescue Skills certification. Three years have passed since this policy approved by the SARA Board. All members who are field active must have attended a recertification session within the last three years or have completed Basic Training recently. Remember, a member whose Basic Rescue Skills certification is current when the member recertifies, the new certification is valid for three years. A member without a current Basic Rescue Skills certification is required to complete an entire Basic Training course. A candidate is required to recertify every year.

CANDIDATES: A REMAINDER

A new crop of candidates will be allowed to start attending callouts after November 14th if they have successfully complete the OEC course and Basic I & II. This means that SARA members need to realize that these newbies are limited in what they can do on callouts. It is the SARA members responsibility to look out for the candidates and ensure that they are not asked to do something they have not been trained to do. One why to recognize these candidates will be that they

are the ones in yellow shirts. If you have any questions about the candidate program please contact Andy Lamb at 743-7175.

THE SARA VIDEO

Thanks to all the SARA members who came out to help with the SARA video. It turned out to be a busy weekend with a rescue interrupting the video on Saturday and a night rescue early Sunday morning. We are planning on having the debut of the video at the SARA meeting in December. Plan to be there.

MOUNTAIN RESCUE ASSOCIATION

by Andy Lamb 743-7175 103217.1167@compuserve.com

WINTER MEETING

January 25 and 26, 1997

Colorado Springs, Colorado

Hosted by El Paso County Search and Rescue

SPRING MEETING

June 13,14, and 15, 1997

Provo, Utah

Hosted by Central Arizona Mountain Rescue Association

SNOW AND ICE WORKSHOP

February, 1997

White Mountains, Arizona

Sponsored by **SARA !!**

Desert Mountain Region, Re-Accreditation

CALLOUT REVIEWS

by Mary & Andy Lamb 743-7175 103217.1167@compuserve.com

Summary of Data

Reporting Period: 01 January - 19 October **Callouts:** 75
SARCI People: 924 **Total Hours:** 3503 **Hours/Person:** 3.8

Reporting Period: 22 September - 19 October **Callouts:** 6
SARCI People: 93 **Total Hours:** 299 **Hours/Person:** 3.2

WED 25 SEP: CALL 96.070 Search for a 21 year old male overdue on a hike in the Wilderness of Rocks area. Ranger 38 was sent up initially to search for the subject but did not come up with anything. The details of the subject's hike were sketchy and teams were sent to Marshall Saddle to start searching. The Posse started for Pine Creek Crossing from the Prison Camp. A foot team started up from the end of the tram road in Sabino Canyon. A report of a possible sighting at Windy Point turned out to be false. But the teams held their positions in the field and the subject along with two companions came upon the team in Sabino Canyon. After asking a few questions it was determined that this was indeed the subject and the companions had not hiked out earlier as planned but the three stayed together because of the weather. The group did not attract the attention of the helicopter, because they were not in distress, and they were concerned they would be charged.

9 people, 51 hours R38

WED 25 SEP: CALL 96.071 Swift Water Rescue of a male who drove his car into the Rillito at Camino de la Tierra. The driver was out of his car (200' downstream) and sitting on top of it when rescuers arrived. Several agencies were represented. A TFD ladder truck could not reach the subject, but served as a voice link to the subject. Search and Rescue people worked on a backup plan, setting up

systems for an evacuation by raft. A team of four (TFD & NWFD) waded to the individual and walked him back to shore (the deepest water was less than knee deep). Search and Rescue personnel also provided the down river watch with throw bottles ready.
15 people, 18 hours, R38, NWFD, FWFD, TFD

SAT 12 OCT: CALL 96.072 Rescue of a 71 year old male fall victim above the Skyline Country Club. The victim had been hiking with friends and was on the way down when he took a tumble and rolled with a rather large rock. He ended up with an angulated tib-fib fracture and abrasions. Ranger 38 was unable to find a place to land, and a short-haul was cancelled. A stokes evacuation was accomplished using a couple of lower systems. The unique thing about this rescue was taking the stokes by one of the residence's swimming pool.
27 people, 72 hours, R38, RMFD

SUN 13 OCT: CALL 96.073 Rescue of a 14 year old male and a 15 year old male stranded at the top of 300' cliffs on Panther Peak in the Saguaro National Park's West Unit. The two boys went out exploring about 16:30 Saturday afternoon. Parents started looking for them after dark, then reported them missing. TJ and Doug initially responded about 22:00. A patrol unit made voice contact with the boys before TJ and Doug arrived. Thinking that the boys had not enough time to get very far TJ and Doug headed into the field to find them. When they made it to the base of the cliffs and the boys were still above them, volunteers were requested about 00:30. Teams were sent to the top of Panther Peak while one team was sent in to TJ and Doug. From the top, one rescuer was belayed/lowered about 70 ft to the boys. A second rescuer reached the group, the two were watered and fed, then harnessed and assisted to the top. Ranger 41 arrived from Phoenix, and transported all six to basecamp.
11 people, 83 hours, R41

TUE 15 OCT: CALL 96.074 Rescue of a 43 year old male fall victim, two miles up Finger Rock Canyon. The victim was hiking with a group when he slipped and tumbled down a water fall, below the "holler point" on the trail above, where it turns to climb high on the side of the canyon. He suffered a dislocated shoulder, a fractured wrist, and broken ribs. Rural Metro paramedics were the first in the field, followed by teams with equipment. The patient was loaded into the stokes, and belayed downstream to a point clear of the cliffs. Ranger 38 short-hauled the victim to the road, landed, loaded the stokes, and flew to TMC.

Note: this was the first time we have used the Mehl's new residence for base camp, which is 200' from the trail, about a half mile up Finger Rock Trail. We have not yet discussed future access with the Mehls. A locked gate thru the Forest Boundary fence is just outside the master bedroom window. The driveway is very steep. Access to the residence is to the guardhouse just past the trailhead parking lot, then west until the road turns north and approaches a hill, then west (third left after the gate) on Secret Canyon Dr which eventually bends north and then east and wanders back to the Alvernon alignment. The Mehls is on the right, at the turnaround at the end of the road. Carpooling will be appropriate from the trailhead parking lot. Horse access appears to be most appropriate from the trailhead.

19 people, 63 hours, R38 RMFD

WED 16 OCT: CALL 96.075 Rescue of two exhausted male hikers in Pima Canyon. The two visitors started out in the morning with less than two quarts of water. They headed up Pima Canyon, then up Bighorn Mtn (peak between Pusch and Table). By mid afternoon they knew they were in trouble and were afraid that they would not make it out before dark. Both have ham licenses, and called for help on the TRA 146.82 repeater. There is a telephone patch available, but in this case Bill KG7UV handled the call to 911. TJ mentioned to Rescue-3 that the call had come in by radio, and we were quickly in contact with the hams. (One reason Mykle joined the TRA and OPRC groups was so their members would be more familiar with SAR and at least one of their ham operators, and they were ready with the details when we switched to the .82 repeater.) As Ranger 38 flew up-canyon, the hikers described where the helicopter was relative to them, and Rescue-3 repeated that on Rescue. Ranger quickly spotted them, was able to land nearby, and transported them to the parking lot. They have even sent thank-you's by HF radio from their homes in Florida!
12 people, 12 hours R38

AMATEUR RADIO

by Mykle Raymond 793-2303

mykle@zonge.com

Congratulations to Frank Reiser, now KC7SXA !!

A Search and Rescue Net is being held weekly on the WB0LWH repeater (Lomas', 449.775MHz), at 19:30 (7:30pm) on Wednesday. Andy Lamb, WB0LWH is net control. The net is open to all hams with an interest in Search and Rescue, not just members of a SARCI group, and not just members of any SAR group.

"Net Control" is a method to coordinate the participation by a large group of people. Andy will ask for people to "check in", meaning to just state your callsign, and he will add you to his list. If several people transmit at the same time, he may not be able to sort out all of the people. So if he does not acknowledge your call, try again when he asks for more check-ins, and when you are less likely to "double" with someone else. (Mykle usually has another radio listening on the other side of the room, so he can hear when someone else is trying to talk at the same time, and he can stop talking. Note that the other radio is far enough away, with the volume down, so one radio does not feed back into the other and transmit a squeal.)




After everyone has checked-in, Andy will call each person in turn, and ask for "traffic". For this net, "traffic" means comments or questions about search and rescue, callouts, membership, radios, or anything related to these topics. If you have a response to the traffic (related comment, or answer to a question) just transmit your callsign, and net control will call you when appropriate, so that two people don't chime in at the same time, meaning nobody hears any of the responses. And, if you don't have anything to say, you can just say so.

When the end of the list of check-ins is reached, Andy will ask for anyone who tuned in late to check in, so you don't have to worry about being missed. And when everyone has had their opportunity, and no more traffic remains, Andy will close the net. No fair checking in, then disappearing before you are called for comments!

If a callout gets started during the net, we'll stop the net. One callout recently started just before net time, but finished quickly, so the net got some publicity for a change. Andy has been listing from six to twelve people (I'm guessing!), and all are welcome.

SARCI CALENDAR 1996

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
<i>November</i>					1 • SARA Gen. mtg.	2 • SARA Basic II
3 • CAP	4 • Divers Elections	5	6	7	8	9
10 • CAP	11 	12	13 • SRDI Board	14 • SRDI mtg.	15	16 • SARA Trng. Mine Rescue
17 • CAP	18	19	20 Don't forget! Newsletter Deadline 	21 • Posse mtg. • SARA Board	22	23
24 • CAP	25	26	27 <i>Thanksgiving day</i> 	28	29	30

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2	3	4	5	6 • SARA Gen. mtg. 1st day of Hanukkah 	7
8 • CAP • Divers	9	10	11	12 • SRDI mtg.	13	14 • SARA Trng. Base Camp
15 • CAP	16	17 	18	19 • SARA Board • Posse mtg.	20 Don't forget! Newsletter Deadline 	21
22 • CAP	23	24	25 Christmas	26	27	28
29 • CAP	30	31 New Year's Eve	<i>December</i>			

Additions or corrections to the calendars please call Janice Przybyl 743-8754 (home), 294-1200 (work).

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SEARCH AND RESCUE COUNCIL, INC.

P.O.Box 44231, Tucson 85733

Meet 3rd Wed 19:30 (Jan, Apr, Jul, Oct), details inside.

PIMA COUNTY SHERIFF'S MOUNTED POSSE

8987-309 E. Tanque Verde, Box 232, Tucson AZ 85749

Meet 4th Thu 19:00,

Sheriff's Substation #106, 8999 E. Tanque Verde Rd.

SOUTHERN ARIZONA RESCUE ASSOCIATION

P.O.Box 12892, Tucson AZ 85732-2892

Meet 1st Fri 19:30, St. Mark's Church, 3809 E. 3rd St.

PIMA COUNTY SEARCH AND RECOVERY DIVERS

P.O.Box 13961, Tucson AZ 85732

Meet 2nd Sun 09:00, details inside.

TUCSON COMPOSITE SQUADRON 109, C.A.P.

P.O.Box 92593, Davis-Monthan AFB, AZ 85707-2593

Meet each Sun 18:00, Building 3220, DMAFB *

SOUTHWEST RESCUE DOGS

P.O.Box 64120, Tucson AZ 85728-4120

Meet 2nd Thur 19:00,

Sheriff's Substation #106, 8999 E. Tanque Verde Rd.

SARNEWS is published monthly by Search and Rescue Council, Inc., a volunteer, non-profit organization. It is distributed free to members of SARCI affiliated groups and other qualified search and rescue organizations.

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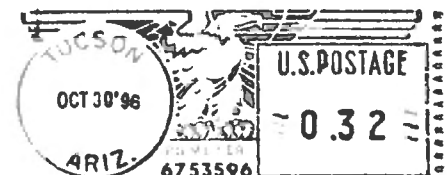
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