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SEARCH AND RESCUE COUNCIL

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HAM REPEATER USE: OPEN MIKE AND SIMPLEX

by Mykle Raymond, 793-2303, n7jzt@arrl.net

People have been losing track of their radio microphone lately, so we've had frequent spells of an "open mike" for long periods of time. Please review how your radio is installed in your vehicle, including handheld radios. It's not good for the repeater, and it's certainly not good for your radio to transmit for lengthy periods. So if your radio has felt hot, and your batteries have not been lasting very long, take it as a hint. Our radios and microphones have lots of buttons, including the big Transmit one, so they need to be kept safely out of the way until we need to use them. We depend on the repeater being available. Please help us keep it so.

The repeater is usually pretty quiet, so when we are relatively close to each other (within a couple of miles) we can bypass the repeater and transmit on the output frequency "simplex". It's best if everyone who is part of the conversation uses the same method, either simplex or thru the repeater. If one person is simplex, and the other is using the repeater (happens a lot of the time), then you need to understand what's happening. If the simplex person starts talking right after the repeater user, then all you will hear is just noise (a distinct, recognizable "swishing" noise).

After a repeater user stops transmitting, the repeater continues transmitting for several seconds, called the "tail". Most repeaters have a tail, so it doesn't have to turn off and on each time someone stops talking. It just keeps transmitting, and that is healthier for the repeater. So a simplex user needs to wait for the "tail to drop" before starting to transmit. Either simplex (direct) or duplex (thru the repeater) methods work nicely, as long as you understand what's happening.

PIMA CO. SHERIFF'S MOUNTED POSSE

by Joe Beckman, joebec@theriver.com

POSSE CALENDAR

<u>June 14</u>	<u>1900, Thursday</u>	Board Meeting	Sub-station 106 Tanque Verde and Catalina Highway
<u>June 17</u>	<u>1100, Sunday</u>	Gymkhana	Rincon Creek Stables Old Spanish Trail
<u>June 28</u>	<u>1900, Thursday</u>	General Meeting	Sub-station 106 Tanque Verde and Catalina Highway

On May 5, the Posse held a training exercise at Alex Hodge's place. Kelly started reminiscing about his experiences bringing out subjects on his horse. Posse members then exposed their horses to different items, such as the backboard, collapsible Stokes litter, etc. The horses did surprisingly well. After the drill, we enjoyed hamburgers and hot dogs prepared by Alex. Great job, Alex. Thanks.

On May 12, the Posse's annual dinner was held at Webb's Steak House. Thanks to Cindy Cusack, it was a great success. Maybe she should be our permanent party lady.

That's all folks - Beckman

PIMA CO. SEARCH & RECOVERY DIVERS

by Fran Kunz, 886-2216, fkunz@lrlaw.com

DIVER'S CALENDAR

<u>June 10</u>	<u>0900, Sunday</u>	Lake Patagonia	Meet 0730 at Kunz's home or 0900 at the lake.
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Another fun day of training in the dark. We will continue training with the metal detector until everyone becomes familiar with it and develops their own technique. To date, Rob Offerle holds the best find for metal ("cell phone") Cathy Wasmann holds the title for "plastics".

SOUTHWEST RESCUE DOGS, INC.

by Pam Phillips, 218-5242

(AWAITING DATA FOR) SRDI CALENDAR

<u>June 06</u>	<u>19:00-21:00, Wed</u>	Board Meeting	Location: SARA House, 3455 N. Craycroft
<u>June 13</u>	<u>19:00-22:00, Wed</u>	General Meeting	Location: SARA House, 3455 N. Craycroft

NEOTOMA COMPOSITE SQUADRON, C.A.P.

by Robert McCord, Rdmcii@aol.com

SOUTHERN ARIZONA RESCUE ASSN.

SARA CALENDAR

<u>June 01</u>	<u>1900, Friday</u>	SARA Building Meeting	Location: SARA House, 3455 N. Craycroft
<u>June 01</u>	<u>1930, Friday</u>	SARA General Meeting	Location: SARA House, 3455 N. Craycroft
<u>June 02</u>	<u>0800, Saturday</u>	Helicopter Training	Meet: Tanque Verde Falls, Tanque Verde Loop
<u>June 12</u>	<u>1900, Thursday</u>	OEC Final Exam	Location: SARA House, 3455 N. Craycroft
<u>June 16</u>	<u>0100, Saturday</u>	SARA Training, Basic II	Meet: Substation 106, Catalina and Tanque Verde
<u>June 21</u>	<u>1900, Thursday</u>	SARA Board Meeting	Location: SARA House, 3455 N. Craycroft
<u>July 11</u>	<u>1900-2100, Wed</u>	Summer Survival – Classroom	Location: SARA House, 3455 N. Craycroft
<u>July 14-15</u>	<u>1000, Saturday</u>	Summer Survival – Field	Meet: TBD

Chuck Rider

Chuck Rider passed away on May 10. He was a SARA member who was very much a part of creating the Hiking map of the Catalina Mountains.

by Tom Harlan, 885-4194, strider@throneworld.com

Southern Arizona Rescue Association – dues

Annual SARA dues are now overdue. The board will drop those whose dues remains unpaid at the July board meeting. A list of members who still have not paid their annual dues is posted on the SARA House bulletin board – even those who believe they've paid should check this list to ensure their payments have been properly reflected. Anyone who is dropped from active status will have to re-apply (with their annual fee) and ask the board to consider them for re-admission.

by John Gorski, 744-9190, tucmj@worldnet.att.net

June Training:

Helicopter Training

There will be a 15-minute safety presentation at the June 1 general meeting. Meet for the actual training will be at 0800 June 2 at the Tanque Verde Loop Circle K.

by Henry Jacobs, 296-9949, henryjacobs@qwest.net

SARA – Basic II

The OEC graduates will attend SARA Basic II early (0100) Saturday June 16. Meet at Substation 106, with a pack check, followed by a mass vehicle move to Prison Camp. Candidates will be ferried to Sabino Canyon to begin a 10-mile (approximately) trek that will encompass training scenarios and opportunities. Field qualified orange shirts are also needed to assist with the training scenarios.

by John Gorski, 744-9190, tucmj@worldnet.att.net

July Training:

River Rescue Training

Two river rescue technicians from an outside agency will make a presentation at the June 1 general meeting. The pool session will be June 5 at a location TBA. The training will be on July 7 at a location TBA.

by Henry Jacobs, 296-9949, henryjacobs@qwest.net

SARA Summer Survival Course

<u>July 11</u>	<u>1900-2100, Wed</u>	Classroom Session	Location: SARA House, 3455 N. Craycroft
<u>July 14-15</u>	<u>1000, Saturday</u>	Field Session	Field session ends July 15 at approximately 1500.

This course will cover basic aspects of desert survival and SAR operations under desert summer conditions. It will include lectures and practical exercises on the following topics:

Desert Environment	Hot Weather Health, Physiology, and Illnesses;
Water and Field Water Sources	Personal Equipment Requirements;
Desert Shelters	Desert Movement and Navigation
Desert Vehicle Operations	SAR Operations in the Desert Environment

This course is strongly recommended for individuals with limited experience in hot weather operations and camping; it's a great opportunity to learn. Students will be instructed on preparation for a 30 hour field session over a course of approximately 10 miles without re-supply. Loaner equipment is available for those who don't have their own, and students who will be unable to participate in the entire class may still attend select portions of the exercise.

NOTE: Students with medical conditions that might affect their ability to operate safely in hot weather should consult with their physicians before undertaking the field session. Support roles requiring less exertion and exposure to the elements are available. All individuals should verify their individual fitness status with Dr. Ken Iserson or Henry Jacobs (cell phone 275-6486) or e-mail henryjacobs@qwest.net.

Orange vs. Yellow Volleyball

The first "annual" Orange vs. Yellow volleyball tournament is set for Sunday, June 17, at the SARA House, pitting the orange-shirted members against the yellow-shirted candidates in a friendly (?) competition. (Warning: Mike Comeau said he has ensured orange shirt victory by arranging the transition of the OEC 2000 class to member status – before the tournament begins.) Families and significant others are welcome and invited to attend – please bring a dish to pass.

by Mike Comeau, Pager 489-3580,

Outdoor Emergency Care – Final Exam

by John Gorski, 744-9190, tucmj@worldnet.att.net

The final, hands-on examination for all OEC 2001 class members is June 12 and all instructors who did not attend last time should do so on this night. As always, anyone else who is able to attend and who would like to help may show up at the SARA House between 6:00 and 6:30 p.m. The written test for OEC 2001 is June 14. The graduation ceremony, for those who pass the written and practical examinations, is June 19.

Outdoor Emergency Care – Refresher 2001

by John Gorski, 744-9190, tucmj@worldnet.att.net

In order to stay current, members of the OEC Class of 2000 (and all other OEC-qualified SARA members) will have to attend one of the two refresher courses offered this fall: Sept. 15th or Nov. 10th. The course syllabus will be provided in the near future.

House Building Fundraising Committee

by John Perchorowicz 529-0080, RCT2JTP@aol.com

June 1 1900, Friday **Committee Meet (before Gen Meet)** Location: SARA House, 3455 N. Craycroft

June 18 1900, Monday **Committee Meeting** Location: SARA House, 3455 N. Craycroft

The committee is moving forward with hiring the consulting firm – AcuComm. For details, see the May 24 Board meeting minutes.

CALLOUT REVIEWS

by Mykle Raymond, 793-2303, n7jzt@arrl.net

Reporting Period	Callouts	SARCI People	Total Hours	Hours/Person	Weeks	Calls/Week
01 Jan – 27 May	33	502	1831	3.8	22	1.5
26 Apr – 27 May	10	151	558	1.9	4	2.5

WED 28 APR CALL 2001.024 18 people 119 hours R38

A female hiker and dog were reported missing by her companion at the top of Reef of Rock, at the road switchback above the Ski Lodge. Her fire was promptly noticed by Ranger 38, not far away. It took the first team a couple hours to traverse the rocks and steep slopes. A second team navigated down the next ridge sans rocks, and led the assembly back to the road.

WED 30 APR CALL 2001.025 23 people 146 hours R38, Customs

A 45 year old hiker was on an overnight trip to Finger Rock, and twisted his ankle the second morning near Pima Spring at the head of the canyon. He called for help by cellphone, and Ranger 38 found him without problems. Attempts to drop a hasty team nearby were thwarted by winds. We pointed out that we don't need to be dropped close to the scene, and that anywhere along the peaks would provide access to the trail and be relatively easy to reach the scene. The team wound up on the Ventana Canyon side of Mt. Kimball, and made good time over to Pima Canyon. The ground hasty team had been moving along nicely, and both teams arrived at the same time! A lengthy ground evacuation was in store, and Ranger was on another call, but the two Customs helicopters were available and came by to see what they could do. As the last light was fading, the Customs A-Star found a spot where they could rest the fronts of their skids on the trail while the Blackhawk orbited overhead. They wouldn't be able to find the spot again in the dark without night vision goggles, so they hovered there for 45 minutes while the patient and team hustled as well as they could down the steep trail. He was dropped off at the school along Magee while the teams hiked out.

WED 07 MAY CALL 2001.026 10 people 10 hours RM72

A 25 year old female horse rider fell along the Creosote Trail not far from the Wildhorse Gate at Saguaro National Park, East. It was a short carry along the Freight Wagon and Wildhorse Trails to the road, and few SAR people had time to get into the field.

WED 07 MAY CALL 2001.027 13 people 34 hours USBP, 3PtsFire, RMFD

An undocumented alien reported that his companion had fallen into a ravine and was injured. 3PtsFire and Rural Metro (from Green Valley) responded to the Caballo Loco Ranch on the west side of the Sierritas, south of Three Points. The Border Patrol helicopter picked up the reportee, found the companion, and was able to get him into the helicopter and back to the ranch. We arrived while all of this was going on, and left before the helicopter returned.

WED 08 MAY CALL 2001.028 11 people 19 hours 350th Air Rescue

A male hiker was exhausted while returning from Table and Bighorn Mtns on a SAHC hike. His companions called for help by cellphone, providing GPS coordinates. The MEDS dispatcher used to work at the 350th Air Rescue, so he called them. And they responded! Two PJ's were dropped at the scene, and they were hoisted back into the BlackHawk with the patient and flown to the hospital. The two companions returned by ground with the hasty team.

WED 12 MAY CALL 2001.029 17 people 62 hours

A male hiker injured his toe at Romero Pools, and a 60 year old male hiker was reported missing on the trail to the pools. The hiker was found a short distance below the trail near the "slot", tired from a couple trips down to Romero Creek and back. He was walked out without drama while other teams found the injured toe and gave him a ride out by horse.

WED 20 MAY CALL 2001.030 20 people 70 hours R38

Six and twelve year old sisters were reported missing since 8:30 am near Rose Lake. Nothing was found nearby in Willow Canyon, so teams began heading for the overlooks. The girls could be heard from the Birdseye overlook, and teams headed into the Lizard fork of Willow while Ranger 38 returned from refueling and spotted the pair near the stream. They were found in good condition and everyone walked up the stream to the road at milepost 16 by Lizard Head.

WED 23 MAY CALL 2001.031 5 people 6 hours

A 15 year old hiker became exhausted while hiking to Romero Pools. He was found about 15 minutes above Montrose Pools, sitting in the sun instead of the nearby shade, and without his shoes. He hadn't eaten since the day before. He got a horse ride down to the road, after being filled with Gatorade.

WED 24 MAY CALL 2001.032 18 people 43 hours R38

A 39 year old hiker was reported missing near Rose Lake after being separated from her sister. The initial search covered most of Willow Canyon without results, so people coming up the mountain stopped at Seven Cataracts Overlook. There was no response to the hollering, but a person was briefly spotted in the falls below road level. The appearance seemed to match, so they kept looking until she reappeared several minutes later. Ranger 38 was asked to come take a look, and confirmed the match with her description. A ground team reached the bottom of Bear Canyon while Ranger found a spot to drop the medic. He got to the woman in a few minutes, and they returned for the pickup.

WED 27 MAY CALL 2001.033 16 people 49 hours R38, RMFD

An older male hiker and his grandson were at Seven Falls. A nurse reported the pair to the Visitor Center when she returned, describing the older hiker as feeling weak, and having a history of diabetes, controlled by insulin, and had recently started a new medication. Rural Metro didn't find anyone on the road to the trailhead. Several teams walked the trail, receiving reports by other hikers that they had seen the pair earlier, suggesting that they had already made it out. The falls were checked, the stream bottom was checked from downstream of the trailhead, up to the falls. Ranger 38 flew the canyon further upstream, but the winds kept them high. Meanwhile, a boy injured a leg near Anderson Dam in Sabino, a short distance from the road, so the remaining volunteers took care of that problem.



P.A.C.E.
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800 466 0690
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PINE PIG RESCUE

Bob Brantley In Arizona Call: **Dave Brown**
Phone: 520-762-0165

Phone: 703-758-6678 12353 Marionwood Court
Fax: 703-758-9208 Oak Hill, VA 20171-2133
Email: pine-pig-rescue@worldnet.att.net

SARCI Calendar

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
May 28 Memorial Day .	May 29 . OEC	May 30	May 31 . OEC	Jun 1 . SARA Meet SARA Bldg Meet	Jun 2 . SARA Training Helicopter	Jun 3 . SRDI Training
Jun 4 .	Jun 5 . OEC	Jun 6 SRDI Board SARA Training Pool Session	Jun 7 . OEC	Jun 8	Jun 9	Jun 10 . Divers Training Lake Patagonia
Jun 11 .	Jun 12 . OEC Final- Practical	Jun 13 . SRDI Meet	Jun 14 Posse Board OEC Final- Written	Jun 15	Jun 16 . SARA Basic II	Jun 17 Orange/Yel- low V-ball Classic. SRDI Training Posse Gymkhana
Jun 18 . SARA Bldg Meet	Jun 19 . OEC Graduation	Jun 20	Jun 21 . SARA Board	Jun 22	Jun 23	Jun 24
Jun 25 .	Jun 26	Jun 27	Jun 28 . Posse Meet	Jun 29	Jun 30	Jul 1
Jul 2 .	Jul 3	Jul 4 Independence Day – Party! @ SARA house	Jul 5	Jul 6 . SARA Meet	Jul 7 . SARA Training River Rescue	Jul 8
Jul 9 .	Jul 10	Jul 11 SRDI Meet SARA Class Summer Survival	Jul 12 . Posse Board	Jul 13	Jul 14 . SARA Training Summer Survival	Jul 15 . SARA Training Summer Survival
Jul 16 .	Jul 17	Jul 18	Jul 19	Jul 20	Jul 21	Jul 22 . Posse Gymkhana
Jul 23 .	Jul 24	Jul 25	Jul 26 . SARA Board Posse Meet	Jul 27	Jul 28	Jul 29
Jul 30 .	Jul 31	Aug 1	Aug 2	Aug 3 . SARA Meet	Aug 4 . SARA Training Basic Rock	Aug 5

SEARCH AND RESCUE COUNCIL, INC.

P.O.Box 44231, Tucson AZ 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 Substation 106, Tanque Verde and Catalina Hwy

SOUTHERN ARIZONA RESCUE ASSOCIATION

P.O.Box 12892, Tucson AZ 85732-2892
Meet 1st Fri 19:30, SARA House, 3455 N. Craycroft

PIMA COUNTY SEARCH AND RECOVERY DIVERS

P.O.Box 13961, Tucson AZ 85732
Meet 2nd Sun 09:00, details inside.

NEOTOMA COMPOSITE SQUADRON, C.A.P.

4933 N. Sunrise Avenue, Tucson AZ 85705
Meet each Sun 15:00-18:00, RMPD, 490 W. Magee Rd

SOUTHWEST RESCUE DOGS

P.O.Box 64120, Tucson AZ 85728-4120
Meet 2nd Wed 19:00
Sheriff Substation 106, Tanque Verde and Catalina Hwy

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Staff:

<i>Mykle Raymond</i>	<i>795-2303</i>	<i>n7jzt@arrl.net</i>
<i>Rian Clawson</i>	<i>751-0433</i>	<i>d_clawman@yahoo.com</i>
<i>Jeff Berringer</i>		<i>jaberringer@west.raytheon.com</i>
<i>Joe Barr</i>	<i>793-2322</i>	<i>jbarr11@aol.com</i>

Printer:

Tenen's AlphaGraphics 297-7371

PIMA COUNTY SHERIFF'S DEPT.

Search and Rescue
1750 E. Benson Hwy
Tucson, Arizona 85714-1758