



# THE AIRWAVES

April 2008

## SIERRA AMATEUR RADIO CLUB

An ARRL Special Service Club

RACES ARES

P O Box 1442

Ridgecrest

California

93556-1442

<b>BOARD</b>	President	Greg Roush	WA7IRW	446-4383
	First VP	John Andrus	KC6UWM	371-2190
<b>OF</b>	Second VP	Fred Moses	KG6STR	371-4034
	Secretary	Paula Herr	N6VGW	375-5324
<b>OFFICERS</b>	Treasurer	Bill Burns (acting)	WA6QYR	

## SARC OWNED AND MAINTAINED REPEATERS

Randsburg	WA6YBN 145.34 MHz (-), PL 100.0 Hz, Wide Area, Emergency Power, linked to 147.00
Ridgecrest	WA6YBN 146.64 MHz (-), Translator, No Squelch Tail, Emergency Power
Ridgecrest	WA6YBN 147.00 MHz (+), PL 107.2 Hz, Autopatch, linked to 145.34
Ridgecrest	YBNBBS:WA6YBN, 145.050 MHz, Bulletin Board, 1200 Baud
Ridgecrest	#YBNSW:WA6YBN-4, 223.580 MHz, Node, 1200 Baud
Ridgecrest	#YBNSW:WA6YBN-4, 439.025 MHz, Node, 9600 Baud

### SARC Committees

**Technical Assistance:** Greg, WA7IRW 446-4383  
**Program:** Fred, KG6STR 371-4034  
**RF Interference:** Bill, WA6QYR 375-8566

**Public Relations:** John, KC6UWM 371-2190  
**Airwaves Editor:** Mike, WA6ARA 375-5324  
**Emergency and Public Service:** Mike, W6PM 793-0541

## THE AIRWAVES CALENDAR

Every	<b>ARRL Audio News</b> 1910 (7:10 p.m.) on 146.64 MHz
	<b>IWV Emergency Net</b> <b>Visitors Welcomed!</b> 1930 hrs (7:30pm) WA6YBN Translator 146.64 MHz (-)
Monday	
Night	<b>East Kern County Emergency Net</b> <b>Visitors Welcomed!</b> Rand repeater 145.340, pl 100 2000 hrs (8pm)
April 09	<b>SARC Board Meeting – Heritage</b> 7 pm
April 09	<b>SARC Meeting – Heritage Inn</b> 730 pm – FOX Hunting
April 19	<b>Get-R-Done Horse Ride – Help needed</b> Contact ???
May 2-4	<b>EMCOMMWEST 2008 – Info Inside</b>

May 24	<b>K0S Strange Antenna Challenge</b>
May 31	<b>Fresno 65<sup>th</sup> Ham Fest – Info inside</b>
Jun 14	<b>ARRL JUNE VHF QSO PARTY</b>
Jun 28	<b>ARRL Field Day!</b>

### AMATEUR RADIO LICENSE EXAMS

Every Even Month, Second Saturday

**April 12 Volunteer License Exam Session**  
 Location: Guns 4 Us, basement classroom  
 417 East Ridgecrest Blvd, Ridgecrest CA  
 No handicapped access Pre-reg by 7 April Limited  
 to 8 applicant All must register at 9 AM  
 Contact Elvy Hopkins NØLV 760-384-3589  
 E-mail <[lvrh7589@iwvisp.com](mailto:lvrh7589@iwvisp.com)>

## From the President's Shack

Talk about strange... ever have half the AC power go out in your house? Friday night (March 28) about 10PM, the TV and lights in the shack flickered a few times and then went out.

Darn, I thought, a power failure. Fortunately, flashlights and headlamps were at hand, the rigs are on solar/battery power, so no problem. Perhaps I should get on .64 and see how wide-spread the outage was. Then, the spouse started yelling: "Greg, what have you done now?" And I noticed the light in the living room was still on. I took a quick walk through the house looking and sniffing for problems... nothing. Then out to the electrical box looking for a tripped breaker... nothing. Then, trusty multimeter in hand, I checked voltages at several outlets in the house... 120VAC... OK, 118V... OK, 43V... hummmmm. A few more troubleshooting steps to confirm the problem was on the Edison side of the electric meter, then a call to Edison's not-very-reassuring automated trouble reporting number. A call to a neighbor across the street... "no problems here". A visit to the neighbor next door... "we were wondering why some things are working and some aren't..."

Anyway, early Saturday morning a very patient Edison repairman called to tell me he's outside and disconnecting power at my electrical box. Naturally, I have to get up and watch him work. Several hours of troubleshooting later, he's pretty confident that the problem is in one of the underground feeder lines and has located the problem area in the yard two houses south. Three hours of digging later, the crew (the first older guy was eventually joined by two young repairmen) has dug a hole almost 6 feet deep and are removing charred chunks of soil, including one piece where the soil has melted into crystalline-looking glass. About 2PM, the aluminum 0000-gauge line had a new splice and power was back on.

Perhaps I ought to fuse that homebrew power amp that's bypassing the meter???

Seriously, emergencies can happen any time. Keep flashlights handy (in each room if possible). Check batteries and radio gear periodically. Fire up the generator every month (I noticed mine had flat tires making it hard to wheel out of the storage spot). Rotate the generator fuel supply to keep it fresh.

73,  
Greg  
WA7IRW@arrl.net

PS: We are still looking for a volunteer (for the remainder of the year) for the Treasurer position. Let me know if you're interested.

PPS: Don't forget to bring in your new toys each meeting for a show-and-tell session.

## SARC March Club Meeting Minutes

President Greg Roush WA7IRW called the meeting to order around 7:30PM and welcomed all.

There were 5 visitors at this meeting. These were Jim Wilke, Karen Clark, Doug Price, David Johnson and his daughter, Lindsey.

There was no 50/50 drawing.

Bill Burns WA6QYR has taken on the duties of Treasurer from Pam Evans due to her personal issues. He reported that there was approximately \$3600.00 in the club accounts.

The Technician Class training is in full swing at the Kerr McGee Center with 21 students. The initial room size was a bit small so it was doubled to accommodate the students in a more relaxed environment. The added cost is still within the allotted \$800 budget requested from the club. It was nice to welcome visitors Jim Wilke and Doug Price, who are students in the Technician Class. Hopefully we'll see more of the students at the club meetings and events as they get more involved in Amateur Radio.

Greg WA7IRW presented his latest 'toy', a digital voice recorder capable of recording nearly 100 hours of audio. He mentioned it is really handy to record satellite QSO's to free up hands for other tasks required for this type of operation. He also uses it for logging when sailing around the Caribbean while disguised as 'Peg Leg Greg the Radio Pirate'. Greg also presented some waveguide components that he had acquired for the Technician Class. These included a ¼ wave launcher to coax fitting for 26.5 to 40 GHz spectrum, a piece of short waveguide and a couple of horn antennas.

There will be a special VE session on Thursday April 10, 2008 for the Technician Class students. The normal VE session will occur on Saturday, April 12, 2008. See the newsletter for details if interested in testing.

Bill Burns WA6QYR presented a report on the club members' efforts in supporting the 20 Mule Team 100 Mile Endurance Ride that occurred on Mar 8 and 9. There were 10 hams involved with long stints done by most. He requests that more members get involved in these sort of events to help shorten the duration that everyone does to support.

Greg Roush WA7IRW reported on upcoming GET-R-DONE 100 Mile Horse Ride event on April 19, 2008.

No Emergency Communications Cmte report this month.

Repeater Cmte reports the Randsburg repeater is up and working good.

Mr. James Brotherson of the National Weather Service Hanford, CA office gave a presentation on Basic

Weather Spotting. His presentation was in two parts; a short introduction to the National Weather Service for those not wanting to stay for the full Weather Spotter training session. After a short break, Mr. Brotherson continued with a 90 minute Weather Spotting SKYWARN training session covering the what, where and how to safely observe and report on bad weather conditions. The information covered the basic cloud formations related to thunderstorms, how they are formed and what their characteristics indicate to the observer. Techniques related to observer safety were also covered as well as to whom and how to report your observations. Many of the members in attendance provided information to become active WX spotters.

The meeting adjourned around 9:45PM

Recorded and submitted by Gene KI6LO 3-18-08

## Treasures Report

as of 1 April 2008

Draft Account	\$1080.99
Shares Account	\$4,140.65
<b>Balance</b>	<b>\$5,221.64</b>

submitted by acting treasurer Bill Burns, WA6QYR

## Treasurer Position Open

A volunteer is needed to fill the SARC Treasurer position. Apply to Greg [WA7IRW@arri.net](mailto:WA7IRW@arri.net).



submitted by the secret society of the perpetual cw operators

## April Meeting Program FOX HUNTING!

Come and learn all about fox hunting, the art and science of finding a hidden transmitter.

## Report on 20 Mule Team 100 mile 24 hour Endurance Horse Ride March 8 2008



I arrived on site at the Desert Empire Fairgrounds at 06:15 to pick up lunches and tee shirts for operators. I checked with the Ride Boss, Melissa Ribley to see if I could get ride list. There were twenty-eight 100 milers out on the trail already with more riders to head out soon. I received a ride list and checked with the "Out Timer" to see about any changes to the list. Lloyd, WA6KZV arrived at base camp at 06:35 to go out to Vet1 at the gun range area south of Inyokern with his daughter, Sherry, who had a horse trailer in tow. The forty 65 mile riders left the base camp at 07:00. There were fifty-one 35 milers that left the fairgrounds at 07:30 am. By 08:00 Fred, KG6STR had the portable repeater operating on 147.060 MHz and was heading to Golar Wash area for his site at Vet2. Fred was having trouble with power line noise in the area and used the Sierra Amateur Radio Club Rand repeater 145.34 MHz to communicate back to base camp. Alex, WD6ZUV, water tender for this ride, helped Lloyd get his "new" radio on the portable repeater frequency. Horses were already coming through his Vet1 site on loop 1 at 08:00. John, KC6UWM and Lorilyn, KG6LEW arrived at the Fairgrounds to collect Tee shirts, lunches and a ride list before heading out to their site at 395 south Vet1ld (Light Duty) for a 09:00 start. The first 35 miler arrived at their site a few minutes past 09:00. Greg, WA7IRW arrived on his Vet3/5 site at the China Lake and 395 crossing around 10:00am. By 10:30 all the 100 and 65 milers had gone through Vet1 and Lloyd returned to Base camp. Our "new to horse ride helper" John, WA6BFH from Randsburg was trying to find the correct trestle at 10:45 when lots of radio activity started to happen. Dennis, W6DWF joined in moving John to the Ridgecrest 146.64 MHz Translator and helping get him some directions to the trestle at the junction of the two ride loops one and two. The first 35 milers were arriving at Greg's location at 10:30. Some horses were getting pulled at Vet1ld, Vet2 and Vet3/5, which kept the radio busy for a while. Horses being pulled meant that the Veterinarian at the site deemed that the horse wasn't physically able to continue with out hurting itself. Most

times the horse is trailered back to base camp along with the rider. Some times there needs to be a trailer brought to the site from somewhere else and that means a radio call to all sites. This ride seemed to have enough trailers moving from site to site that radio back up wasn't needed.

By 11:00 the last of the 35 milers made it through the Vet 1ld station and everyone had left except for John and Lorilyn. They were allowed to head home since the 100 milers would not be to that site for at least 3 hours. 100 mile Horses started coming through Vet2 at 11:45 so Fred was busy there. At 12:10 Judy, KC6UTF arrived at Vet 3/5 on the corner of 395 and China Lake Blvd to relieve Greg. Greg had recently had a hip joint replacement and could only stay for a couple of hours. Greg came back to base camp. We learned that a couple of 35-mile riders had taken the wrong trail out of the Trestle and were headed for Vet1. The water and other supplies had been picked up from that site earlier and we needed to get them turned around. Greg drove off to find them. I contacted Alex who was over in Golar with Fred, to see if he could help. Between the two, the horses were found about 45 minutes later, turned around, and headed for the Trestle again.

Hal, KM6JM was out and about on his recumbent bicycle and checked in from 395 to see if anyone needed anything. We didn't at that time, so he got some more exercise going to the closed Vet1ld site.

By two pm 100 mile horses were starting to come into Vet 4 at base camp as the ride continued. 100 milers had a 1-hour hold at base camp. After they rested they could go back out on the course. John and Lorilyn were radioed and informed that they would have horses to their site again in an hour.

As the ride continued, radio operators kept logs of horses passing through their site to be able to tell the next site what the last horses were and let everyone on the trek know which horses had been pulled and didn't need to be tracked any more. Shortly after 5 pm Mike, W6PM took over the Vet1ld site from John and Lorilyn. Mike would be on site until the last 100 miler came through later in the evening/ morning. Gene, KI6LO relieved Judy at the Vet3/5 site at 6 pm and would be there until the last 100 milers made it by on that part of loop 2.

It now became a waiting game. 65 and 100 miler horses continued to be checked in at base camp as they finished loop 1. After the hour hold the 100 milers were heading out on loop 2 to complete the last 35 miles of their 100-mile ride. Mike was forwarding information to John at the trestle and on to Gene at Vet3/5 about horses passing through his site. It was taking longer times now since the sun had gone down and the moon shortly afterward. A black night made the ride longer for the hoses since they only had chemical lights attached to their chest straps to see by. So the riding was slower and the time stretched out. I had forwarded on the numbers of the last 4 100 mile horses leaving the base camp to

Mike. At 10:30pm those horses made it into Vet1ld. Mike stayed until they had watered and fed on the hay there. He then closed the station down and returned to Ridgecrest. John reported the last for horses made it to the trestle at 12am. Again the horses watered and ate there before heading off to Vet 3/5. 30 minutes later the last 4 were into Gene at Vet 3/5. Gene left to return home following reporting in to base camp. I prepared a written note for the Ride Boss that all the horses were in except for the last 4 and they would arrive at base camp some hour and a half later. I reported to the Ride Boss and departed for home at 1:30 am.  
Bill, WA6QYR

## Real DX! From Bill WA6QYR



I heard Japanese Selene satellite orbiting the moon at 6:30 PDST 18 March 2008. Moon was still low in sky which made pointing easier with antenna duck taped on a tripod. LO was at 1822.49 MHz (an old phone system brick). Just a 60 dB gain amplifier I got off ebay for the front end at 2265 MHz. A 6 ft loop yagi. Just a mixer I had laying around the shop to mix the signal with the local oscillator down to the FT817 at 441.128 MHz IF. I could move quite a ways (10 degrees or more) off the moon before losing signal. Bill WA6QYR

Congratulations Bill!!!! It's just a carrier, but the notion of copying a 250mW transmitter from the moon is the magic of radio. Welcome to the club. Chris N9RIN and I listened to it at my place last weekend, both on a 17dBi gain 3' boom loop yagi (very weak) and on a 27dBi gain BBQ dish (armchair copy). With the little Doppler and hearing only in the direction of the moon, there's no doubt what it is. ...Frank WB6CWN

## EMCOMMWEST '08 -- RENO May 2-4

Circus Circus in downtown Reno  
DENNIS DURA, K2DCD GORDON WEST, WB6NOA  
RILEY HOLLINGSWORTH, K4ZDH  
RENO HAMSWAP Saturday at 6am, adjacent to the hotel.

[www.emcommwest.org](http://www.emcommwest.org) or [info@emcommwest.org](mailto:info@emcommwest.org)

## Fresno 65th Hamfest

May 31, 2008 8:00 AM to 1:00 PM

Salvation Army, Fresno Citadel, 1854 Fulton in Fresno.

Forums, Swap Tables, Food, Prizes, Eyeball QSOs,  
Card Checking for WAS, DXCC, and CQ Awards

For Information Contact: [hamfest@w6to.com](mailto:hamfest@w6to.com)

### You Might be a Ham Operator if... from Tom N6NPG

1. When you look at a full moon and wonder how much antenna gain you would need.
2. When a friend gets a ride from you and remarks that you have a lot of CBs in your vehicle, it turns in to an hour long rant on how ham radio is not CB radio.
3. When someone asks for directions, you pause, wondering if long or short path would be best.
4. When you can look at a globe and be able to point to your antipode (and you know what an antipode is).
5. Your cell phone ring tone is a Morse code message of some kind.
6. You have accidentally said your Amateur Radio call sign at the end of a telephone conversation.
7. Your favorite vacation spots are always on mountain tops.
8. You notice more antennas than road signs while driving your car.
9. You have driven onto the shoulder of the road while looking at an antenna.
10. Porcupines appear to be fascinated with your car.
11. If you ever tried to figure out the operating frequency of your microwave oven.
12. When you look around your bedroom of wall to wall ham gear and ask: Why am I still single?
13. The local city council doesn't like you.
14. You actually think towers look pretty.
15. Your family doesn't have a clue what to get you for Christmas, even after you tell them.
16. Your HF amplifier puts out more power than the local AM radio station.
17. The wife and kids are away and the first thing that goes through your head is that no one will bother you while you call "CQ DX" a few hundred times.
18. When you pull into a donut shop and the cops there on their coffee break ask if they can see your radio setup.
19. You refer to your children as your "Harmonics".
20. Your girlfriend or wife asks: "You're going to spend \$XXXX on what???"
21. You actually believe you got a good deal on eBay.
22. When you see a house with a metal roof, and your only thought is what a great ground plane that would be.
23. You have pictures of your radio equipment as wallpaper on your computer's desktop.
24. Every family vacation includes a stop at a Ham radio store.
25. The first question you ask the new car dealer is: "What is the alternator's current output"?
26. You buy a brand new car based on the radio mounting locations and antenna mounting possibilities.
27. You have tapped out Morse code on your car's horn.
28. A lightning storm takes out a new Laptop, Plasma TV, and DVD Recorder, but all you care about is if your radios are okay.
29. Your wife has had to ride in the back seat because you had radio equipment in the front seat.
30. You always park on the top floor of the deck, just in case you might have to wait in the car later.
31. When house hunting, you look for the best room for a radio shack, scan the property for possible tower placement and check CCR for antenna restrictions.
32. When house hunting, you give your realtor topographical maps showing local elevations.
33. The real estate agent scratches his head when you ask if the soil conductivity is high, medium, or low.
34. You have Ham radio magazines in the bathroom.
35. When your doorbell rings, you immediately shut down the amplifier.
36. Fermentation never enters your mind when "homebrew" is mentioned.
37. Instead of just saying no, you have said "negative".
38. You have used a person's name to indicate acknowledgment.
39. You become impatient waiting for the latest AES

catalog to arrive.

40. You have found yourself whistling "CQ" using Morse code.
41. You always schedule the last full weekend in June for vacation.
42. You walk carefully in your back yard to avoid being close-lined.
43. You have deep anxiety or panic attacks during high winds or heavy ice.
44. You and the FedEx/UPS men are on a first name basis.
45. You really start to miss people that you've never seen.
46. Your exercise machine is a Morse code keyer.
47. You walk through the plumbing section at the hardware store and see antenna parts.
48. Your neighbors thought you were nuts when you ripped up your lawn to bury chicken wire.
49. Your next door neighbor thinks that your wife is a widow.
50. Your wife has delivered meals to your Ham shack.
51. If you sold all your Ham radio equipment, you could pay off your mortgage.
52. Removing snow from the roof of your car requires working around the antenna and wires.

## Ham Gear For Sale

55 foot tower, three 22 foot sections (four foot overlap in 2 sections). Tower is straight, but could use a coat of paint and a base. Has good hand winch and good cable. Has a rotor platform, but no rotor included. Was designed as free-standing, but I think you need to bury the entire cement truck unless you are going to use several sets of guys, and I just don't have room for guys, and I don't feel like digging a hole that big! Free delivery within 25 miles. \$100.00

Yaesu SP-901P External speaker / Phone patch. It's all there and working. Has a ding in the speaker grill, but otherwise looks good. Comes with a new, un-opened Cover-Craft dust cover. See this URL for pictures (Picture is a new one, NOT this one)  
<http://www.hamradiogallery.com/gallery2/main.php>  
(Search for SP-901). \$25.00

**Fred KG6STR** 371-4034

## And Some more...

This equipment comes from the estate of WD6GBX (sk)

1. Icom IC 765 transceiver: fully operational rig is an 8+. The radio comes with a copy of the manual and a Heil IC pro set. \$ 800.00/offer.
2. Henry 3KA amplifier this is a floor model with no issues other than a plastic switch cover is missing from the front panel - \$ 600.00/offer.
2. Alpha 76 h.f. linear amplifier this amplifier is the older of the 76 series with a single multi-meter. It is fully operational and puts out approx. 1100 watts although rarely ran it over 700 watts. The tubes are two 8874's and are in good shape the only complaint is the fan motor, it is noisy. Cosmetically for its age it is in good shape probably an '8'. The amp is set up for 220v operation and comes with a copy of the manual. \$600.00
4. Kenwood TR751A 2 meter all mode with manual and KLM pa. \$ 75.00.
5. Kenwood TH27A 2 meter handheld - make offer
6. Icom IC03AT 220 handheld - make offer
7. MFJ 989C antenna tuner \$ 175.00/offer
8. MFJ204B antenna bridge - make offer
9. MFJ 207 antenna analyzer - make offer
10. Ashtron RS20 power supply 7/10 \$ 60.00
11. Triplite 10 amp regulated power supply - make offer
12. Bencher paddle - make offer.
13. Drake MN2700 antenna tuner - make offer
14. Heil HM10 mike with base, this mike has the 4 and 5 elements - \$ 75.00
15. Vanco swr meter 1-10w, 1-100 w - make offer
16. Telescoping tower (like U.S. Towers MA550) 3 section w/motor drive pick-up in Wofford Hts., Ca. \$ 500.00
17. Hy Gain T2X (Tailtwister) with motor controller - \$ 200.00
18. Two meter yagi with rotor and controller - I believe this antenna is 11 element - \$ 40.00

I can be reached at: Ray Stevens ph. (760) 378-3746  
kc6utc@myexcel.com

Check out the SARC Web Page  
[www.qsl.net/wa6ybn/](http://www.qsl.net/wa6ybn/)

**MEMBERSHIP APPLICATION**  
**SIERRA AMATEUR RADIO CLUB of the HIGH MOJAVE**

Please fill out this form. It is used to make the club roster and newsletter mailing list. This form must accompany all membership and badge payments. All renewals are due 31 March. Please mail this application and your payment to SARC, POB 1442, Ridgecrest, CA 93556-1442 or give them to the Secretary at a meeting.

**Membership – Please circle one**

Individual via Mail - \$20.00	Individual via Email - \$17.00
Family via Mail - \$30.00	Family via Email - \$27.00
Full time student via Mail - \$10.00	Full time student via Email - \$8.50
Active Duty Military via Mail - \$10.00	Active Duty Military via Email - \$8.50

**Individual or First Family Member**

Date \_\_\_\_\_

Name: Last \_\_\_\_\_ First \_\_\_\_\_ Call Sign \_\_\_\_\_

Novice \_\_\_ Tech \_\_\_ Gen \_\_\_ Adv \_\_\_ Ex \_\_\_ ARRL Member : Yes \_\_\_ No \_\_\_

E-Mail Address \_\_\_\_\_ (Note: Email address is not shared, for newsletter only)

Mailing address: \_\_\_\_\_ City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

Phone: \_\_\_\_\_

**Second Family Member** (For more family members please duplicate)

Name: Last \_\_\_\_\_ First \_\_\_\_\_ Call Sign \_\_\_\_\_

Novice \_\_\_ Tech \_\_\_ Gen \_\_\_ Adv \_\_\_ Ex \_\_\_ ARRL Member : Yes \_\_\_ No \_\_\_

*DO NOT DETACH*

**BADGE ORDER**

*DO NOT DETACH*

The club badge shows your Amateur Call, your Name and Sierra Amateur Radio Club. It will identify you at club meetings and public service events. To order a badge, provide the information below and, include \$11.00, for *each* badge in Membership Application total above or with this form and mail to SARC, POB 1442, Ridgecrest, CA 93556-1442 or give it to the Treasurer at a meeting.

Name to put on my badge is \_\_\_\_\_ (What you like to be called)

Amateur call for my badge is \_\_\_\_\_

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**RACES, ARES and INDIAN WELLS VALLEY  
EMERGENCY NET MEMBERS**

**THE AIRWAVES NEWSLETTER  
April 2008**

In case of impending or current emergency, monitor the SARC translator on 146.64/04 MHz or the backup simplex frequency of 146.52 MHz. W6PM, Mike or AI6A, John, the local RACES ECs, will coordinate mobilization. An Emergency Net Control Station will direct radio communications. Check in. State your capabilities. Be prepared to go outside the IWV for at least three days. An E-Pac should contain: your RACES card, radios and accessories, batteries, charger, paper, pen, clipboard, flashlight with spare batteries, timepiece, headgear, sunglasses, spare glasses, your medications, your medical history, first aid kit, severe weather clothing, non-perishable food, 3 gal. water, sleeping bag.

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**SIERRA AMATEUR RADIO CLUB  
POST OFFICE BOX 1442  
RIDGECREST, CA 93556-1442**