



# THE AIRWAVES

June 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`	375-8566

## 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

<b>Every</b>	<b>ARRL Audio News</b> 1910 (7:10 p.m.) on 146.64 MHz
<b>Monday</b>	<b>IWV Emergency Net</b> <b>Visitors Welcomed!</b> 1930 hrs (7:30pm) WA6YBN Translator 146.64 MHz (-)
<b>Night</b>	<b>East Kern County Emergency Net</b> <b>Visitors Welcomed!</b> Rand repeater 145.340, pl 100 2000 hrs (8pm)
<b>Jun 11</b>	<b>SARC Board Meeting – Heritage</b> 7 pm
<b>Jun 11</b>	<b>SARC Meeting – Heritage Inn</b> 730 pm – Field Day Discussion
<b>Jun 21</b>	<b>T- Hunt! - See details inside</b>
<b>Jun 28</b>	<b>ARRL Field Day! - See article inside</b>

**July 09 SARC Annual BBQ – Details inside**

**Aug 13 SARC Annual Ice Cream Social – Details inside**

### AMATEUR RADIO LICENSE EXAMS Every Even Month, Second Saturday

**June 14 Volunteer License Exam Session**  
 Location: Guns 4 Us, basement classroom  
 417 East Ridgecrest Blvd, Ridgecrest CA  
 No handicapped access Pre-reg by 9 June Limited  
 to 8 applicant All must register at 9 AM  
 Contact Elvy Hopkins NØLV 760-384-3589  
 E-mail <lvrh7589@iwvisp.com>

## Note from the Editor

As is the habit for SARC, this is the last newsletter for the summer. The next newsletter will be the September issue. Also, SARC does not hold regular meetings during the months of July and August. Instead, SARC has a fine BBQ in July and an ice cream social in August. The regular meeting will start up again in September as well.

## From the President's Shack

Field Day planning is underway. Plan to come by on the last full weekend in June (June 28-29). Help will be needed to set-up and take-down, and for the 24 hours of operation. Warm clothing will likely not be needed.

Even with high gas prices, many of us will be going somewhere during the summer. Plan to take your radio gear with you. Operating from a picnic site next to a Sierra lake can be very pleasant. Whether going through a local repeater or working HF, you'll meet some nice folks. And, a vacation might be the perfect excuse to get one of the very portable all-band, all-mode transceivers, or an antenna, or an accessory. It's the reason I use.

73,

Greg [WA7IRW@arrl.net](mailto:WA7IRW@arrl.net)

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

## SARC Board Meeting Minutes

In the absence of Greg Roush, WA7IRW, Fred Moses, KG6STR, conducted the meeting. He followed the agenda that Greg provided. For most of the meeting, there was a discussion over the budget that Greg set up. Mike Herr, WA6ARA, had made some changes to Greg's budget, which he ran by Greg via email before the meeting. Mike walked the board members through the new version of the budget. The Summer activities were discussed, with Fred volunteering to make the necessary contacts. Paula Herr, N6VGW, proposed a "tailgate" party at Baskin & Robbins, for the August Ice Cream Social. The meeting was adjourned.

## SARC General Meeting Minutes

The meeting was brought to order by Fred Moses, KG6STR, at 19:32 hours. Visitors to the meeting were Dana, KB6TVR, and Jack, NL7SX. Bill Burns, WA6QYR, brought a couple of books to pass around for everyone to look at. John Denson, AI6A, talked about Field Day. He explained it and passed around a sign-up sheet to identify all those that have an interest in participating. Mike Herr reported that the Tech License Class was very successful. There are plans to have a General License Class in the Fall. Fred Moses gave a report on the Git-R-Done horse ride. Fred stated, "The

wind blew so hard you couldn't face into it." Ninety-six riders started. No horses were hurt, but a number of them were pulled from the race. The program was on WIN (Western Intertie Network) System and IRLP (Internet Radio Linking Project), presented by Fred Moses. Fred won the 50/50 drawing, but donated the proceeds back to the club. Tnx Fred. The meeting was adjourned when it was over.

Submitted by Paula, N6VGW

## Silent Key

W6PTH, Phelps Kroh TerHeun, age 74, became a silent key on Saturday, 17 May 2008. Phelps had been a ham for a number of years, first holding the call KF6ZVD and later W6PTH with a Extra class license. W6PTH could be heard on the local repeaters as well as on the HF frequencies chasing DX. Phelps rarely missed a club meeting, was just about always the first to check in on the Monday night net and attended the flex Friday ham breakfasts. Phelps, you will be missed. Services were held on Saturday, 24 May at St Michael's Episcopal church.

## Treasures Report

as of 30 May 2008

Draft Account	\$594.51
Shares Account	\$4,140.65
<b>Balance</b>	<b>\$4,735.16</b>

submitted by acting treasurer Bill Burns, WA6QYR

## Badges

The treasurer has badges for :

Cameron KG6TXI  
Allen KD7GXI  
Erich N6FD

## Treasurer Position Open

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

## T-Hunt!

On 17May SARC held it's long awaited local T-Hunt. We had a great turnout with 8 hunters participating. Paula, N6VGW was the fox for the hunt. It took the hunters about an hour to locate the beacon, with most of the hunters zeroing in on the beacon at about the same time. The winner was Ed, KI6PSP



## June T-Hunt

Building on the success of the May T-Hunt, we will be holding another T-Hunt on 21 June. We will meet at the Heritage Inn parking lot at 8:00am with the transmitter starting up about 5 minutes later. The hunt will last somewhere between 30 minutes to an hour. Bring what you have to hunt the transmitter, and if you don't have any equipment, come anyway as we will have plenty of experienced hunters with equipment who will give you a ride and show you the ropes. So be at the Heritage Inn parking lot, June 21 at 8am! And listen in on 146.565 Mhz.

## Field Day 2008

For many of us Field Day brings to mind pleasant memories of setting up equipment at parks or in parking lots, operating hot and heavy for up to 24 hours on a weekend and good times spent sharing the ham radio hobby with other kindred spirits and the curious who venture close enough for a live demonstration.

For those not familiar with Field Day, the objective is to set up and operate equipment "in the field" much as we

might do for real in an actual emergency. Field Day this year runs for 24 hours from 11:00 AM on Saturday, 28 June until 11:00 AM on Sunday, 29 June.

This year we are planning to set up four stations at Helmer's Park on Warner Street at the Senior Center. One station is to be a 100 watt SSB set-up for newly licensed or inactive hams or for unlicensed folks operating under a control operator. The three other stations are to be 5 watts or less running on solar power. The plan is for those three stations to be SSB, CW and PSK-31.

We are also considering a potluck or B-B-Q for evening on Saturday and maybe a pancake feed on Sunday morning.

If you are a recently licensed or inactive ham or if you have a friend or family member who might be interested in ham radio, this is your chance to become "radio active". Everyone is cordially invited to participate.

## July and August SARC meeting Notice

There will not be STANDARD SARC meetings in July or August.

**JULY** - The ANNUAL CLUB BBQ will be held at Dr. Ron Ogren's (WA6PEV) home on July 09th at 6pm. This is a great place with plenty of room, swimming pool and an outstanding ham station to look over. Bring something to BBQ and a dish to share (i.e. chips, salad, beans, etc). The pool is open. This is always a great dinner / time for an eyeball QSO. To get to Ron's place, head out west on Ridgcrest Blvd towards the setting sun to Brady. Turn north (right) on Brady. Ron's place is on the left, 243 Brady. Talk-in is on the SARC Translator 146.64

**AUGUST** - The Ice Cream Social will be a "tailgate" format, held at 7pm on August 13 at the parking lot of Baskin & Robbins Ice Cream. Hope to see you all there.

## New WINSYSTEM in Lone Pine

This is the new WIN System "site" at Cottonwood Creek. We are the guests of the FAA, but with impending new regulations, it appeared that it would be a waste of time to install inside their compound or in their building... security aspects may soon require all non-FAA stuff to get out of all FAA sites, but, they suggested we build our own facility and they would give us space and power... pretty nice of the FAA.

This site is about 8 miles south of Lone Pine, Ca., in the Owens Valley at about the 6,000 Ft AGL level, and to the East is Owens (dry) lake, which went dry in the last century due to LADWP getting the headwaters into their aqueduct, etc. It is right at a bend in the valley, so serves North and South quite well. I was in Inyokern and could hit it easily on my mobile unit, and that is about 60

miles, non line-of-sight. This new site links via 420 MHz horizontally polarized antennas both North and South, and will tie my El Paso Peak (Ridgecrest) repeater to the Silver Peak (Bishop) repeater. I have an IRLP link to the rest of the WIN System, so that is how I get my connection and now how Cottonwood is able to be part of the other 65 repeaters that are connected 24/7.

I was not at this particular work party, but at the first one where 6 of us (K6JSI, KB6OT, KI6LMG, WA6TRW (prefix ?), K6BDM, and me, WI6RE) mixed and poured about 2 yards of concrete for the tower base and cabinet slab. Brendan K6BDM, posted the pictures from those two days here: <http://k6bdm.com/2008/0427/>. Shorty returned with Rick, KB6OT a couple weeks later and was joined by W6PH, Kurt, with his visitor from Slovenia, who took the pictures. I have never met Kurt, but apparently he is the shorter guy up on the tower putting up the antenna and top tower section with Shorty, K6JSI. I was up at my site Tuesday afternoon while they were doing all this at Cottonwood. I put in the 420 link that Shorty had setup. I only had to mount a horizontal 420 antenna up on the roof of the building to get a good link from then, 75 miles away, and slightly non line-of-sight. Shorty used a handheld to contact me initially on the antenna with only 750 milliwatts, and he was essentially full quieting. The 10 Watt link is totally solid. I can tell here locally when signals come in from the North link by

a low BOOP courtesy beep when the link RX squelches, and of course, local traffic has the standard Bee-Bop courtesy tone. Oddly, I can't get into Cottonwood reliably from my place, even with a beam antenna. I have a circularly polarized beam that I might try sometime later.... BUT, just 5 miles West at Inyokern, it is nice and strong, and good up HWY 395 out of our valley. The overlap is wonderful between El Paso Peak and Cottonwood. When another site to the South is brought online, it will have good line of sight for an RF link to El Paso Peak, so that a new South link at my repeater will make us all RF linked for Southern California.... plus seamless mobile coverage through the Upper Mojave Desert.

El Paso Peak is still 448.800 (-) PL 100.0, Cottonwood is 444.250 (+) PL 100.0, Silver will return to 444.600 (+) PL 100.0 after the snow clears enough for W6IY to get to the 10, 846 Ft MSL site. So, if you are in this area, we have you covered.....

Ed, WI6RE

For more information, check out [www.winsystem.org](http://www.winsystem.org)

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  
June 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**