



THE AIRWAVES

September 2009

SIERRA AMATEUR RADIO CLUB

An ARRL Special Service Club

RACES ARES

P O Box 1442

Ridgecrest

California

93556-1442

BOARD	President	Greg Roush	WA7IRW	446-4383
	First VP	John Andrus	KC6UWM	371-2190
OF	Second VP	Fred Moses	KG6STR	371-3582
	Secretary	Paula Herr	N6VGW	375-5324
OFFICERS	Treasurer	Ed Czajka	KI6PSP	384-4726

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 371-3582
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	ARRL Audio News 1910 (7:10 p.m.) on 146.64 MHz
Monday	IWV Emergency Net Visitors Welcomed! 1930 hrs (7:30pm) WA6YBN Translator 146.64 MHz (-)
Night	East Kern County Emergency Net Visitors Welcomed! Rand repeater 145.340, pl 100 2000 hrs (8pm)

- 09 Sep SARC Board Meeting 7:00pm**
Heritage Inn
- 09 Sep SARC General Meeting 7:30pm**
Heritage Inn – Program TBD
- 26 Sep Kiwanis Walk-A-Thon Fox Hunt – See details**
inside

AMATEUR RADIO LICENSE EXAMS

Every Even Month, Second Saturday

10 October Volunteer License Exam Session

Location: Guns 4 Us, basement classroom
417 East Ridgecrest Blvd, Ridgecrest CA
No handicapped access Pre-reg by 6 Oct.
Limited to 8 applicants All must register at 9 AM
Contact Elvy Hopkins NØLV 760-384-3589
E-mail <lvrh7589@iwvisp.com>

From the President's Shack...

I hope everyone has had a great summer. We had a pretty good turn-out at the BBQ in July and a great turn-out for ice cream in August. I've generally been loafing with both ham projects and "honey do's".

September is the start of our busy public service event season. We have the Kiwanis community Walk-a-thon this month, possibly the Git-R-Done endurance horse ride in October, and usually an ultra-marathon in December. Lots of volunteers make these events much easier for everyone. We could also use folks to act as coordinators for the ham involvement. So, please volunteer to help at one or more of these events.

We've been talking of having either an Extra or a General Class licensing course to begin in October. September is when I need to appoint a 3-person nominating committee, who must, according to the bylaws, present a slate of candidates at the November meeting. Remember, if you're on the nominating committee, you will likely not be a club officer.

I will not volunteer as President again. I am in the process of buying a new ham shack in Reno, so will be living there about 60% (summers) and in Ridgecrest the remainder (winter). The new shack even has a bit of space for the wife.

73,
Greg
WA7IRW@arrl.net

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

SARC Board Meeting Minutes June 10, 2009

The meeting was called to order by the club President, Greg Roush, WA7IRW, at 7:10 p.m. Routine business was conducted. The Secretary, Paula Herr, N6VGW, reported on the mail received. There wasn't a treasurer's report, as Ed Czajka, KI6PSP, was absent, and the report was published in the newsletter. Our Newsletter Editor, Mike Herr, WA6ARA, requested a review of the by-laws regarding the club dues. There wasn't any news to report from the committee members that were in attendance. Upcoming events, such as, VE Session on June 13, Field Day on June 27-28, and summer activities were discussed. The meeting was adjourned at 7:26 p.m.

SARC General Meeting Minutes June 10, 2009

The meeting began at 7:33 p.m. Visitors were, David Green WW0W, and Greg Peterson, KI6ILS. For interesting ham activities, Gene Brewer, W5DQ, reported that he worked Kuwait, and achieved the VUCC with 109 cards. Bob Wagner, K6WAG, mentioned that he worked

European stations on 20 meters. For Show and Tell, Mike Herr, WA6ARA, shared a picaxe micro-controller, and Greg Roush, WA7IRW, presented pictures of his trip to the British Virgin Islands. As our Technical advisor, Greg also talked about an article in the "Ask Elmer" column of QST, regarding "Stand Offs" for balanced antennae feed lines. Our Emergency and Public Service report came from John Denson, AI6A. John mentioned that he is planning on sessions to practice skills on portable packet. The program for the evening was "Geo Caching" and HAM radio, presented by Fred Moses, KG6STR. The meeting was adjourned.

Treasures Report

Treasurer report as of 01 September 2009

Draft Account	\$22.63
Share Account	\$3,879.63
Balance	\$3,902.26

Annual Kiwanis Walk-A-Thon

The Kiwanis have again asked for ham radio support for the upcoming Community WALK-A-THON on Saturday, Sept. 26. The Walk will use the 2.5 mile route. Have I mentioned how easy this public service event is? The Walk-a-thon is one of the easiest public service events in the area. It is perfect for new hams. Communications can often be done with just a 1W handheld radio through the translator. The Walk provides a lot of ham radio exposure to the public. Four checkpoints/water stops will be located around the route. At least 5 hams are needed to provide health and welfare communications from the checkpoints to the start/finish at the Kern Regional Park across the street from the fire station and post office. Duties include estimating the number of walkers passing through the checkpoint, monitoring water and cup quantities, requesting additional supplies if quantities get low, and reporting any health or safety problems with the walkers. Volunteers should be at the park by about 0730 hours for assignments, and the walk will be mostly over by 1000. Contact Greg WA7IRW on 146.64 MHz or at 446-4383 to volunteer.

SARC Extra Class

The SARC Extra Class will be happening but due to manpower and time it will be delayed until the first of the year. The ARRL puts together a fine set of lecture notes for the Technician and General Classes, but unfortunately not for the Extra. Between having to put the class together and the instructors personal lives, it just hasn't come together in the time available. I will be sending out notices to all those who have expressed interest in an Extra Class. If you are interested please let me know. I will put you on the list and keep you informed. Mike WA6ARA wa6ara@gmail.com

FOX Hunt

The next SARC Fox Hunt will be October 17. SO now is the time to start to drag out all the fox hunting equipment and get ready. More in the October issue of the *AirWaves*.

IWV APRS Digi by Ed, KI6PSP



After several months in the works, EIPaso Digi (WI6RE) is operational. UI-View32 with AGWPE was deployed onto an older computer running Windows XP. This allows the computer to not only act as a Digi, but also an iGate. This has added greatly to the network covering from Lancaster to Barstow. Coverage has also been improved for the local Indian Wells Valley, covering most of the area from Red Rock Canyon, to Little Lake, to Red Mountain. The Digi outputs about 40 Watts into a Larsen FB1-136, which provides 3db of gain. Should the internet connection fail for the area, we can still get APRS Messages out of the valley, and into the other Digits in the Inland Empire, (

RODMAN

<http://www.findu.com/cgi-bin/find.cgi?RODMAN>

K7GIL-1

<http://www.findu.com/cgi-bin/find.cgi?K7GIL-1>

KA6PTJ-3

<http://www.findu.com/cgi-bin/find.cgi?KA6PTJ-3>

KE6ANM-14

<http://www.findu.com/cgi-bin/find.cgi?KE6ANM-14>

The Initial deployment was a little interesting. After several builds onto CF Cards to maximize energy efficiency, I had a stable build. When we attempted to deploy, the motherboard quit on us, and wouldn't even pull up the BIOS. A rebuild with a less efficient motherboard was completed, and re-deployed. The system worked well, after we repaired the copper cactus

J-Pole I built and left up there from the previous visit. After about 3 days, it became near deaf. Ed Tipler replaced my J-Pole with the Larsen FB1-136, and I immediately saw a difference in coverage. We went from hearing Vegas occasionally, (once or twice a day -Before the J-Pole Failure) to hearing it very regularly (Many times throughout the day – After the J-Pole Replacement). See link for DX reports, <http://aprs.fi/?c=status&call=WI6RE>

During all this, I also completed a local iGate at my home. A TinyTrak4 mounted inside a Linksys WRT54GL Router. It was a bit challenging, but I managed to get it operational. The best part of using this router, is it can still act as a normal router for the home internet connection. I have spare router that I was considering getting some assistance with, to deploy another iGate in Lone Pine. Pictures of this router project can be found here, <http://picasaweb.google.com/KI6PSP/IGate#>

Because the Digi on EIPaso Peak has a static IP Address, I was considering buying a domain name space for it. Its only \$20 /year max. I was thinking "iwvaps.net". The current method for viewing the webpage is this, <http://12.186.23.188/>

If anyone has any suggestions or questions about the Digi or iGate, drop me a line at KI6PSP@gmail.com

73
Ed
KI6PSP

SARC Antenna Auction!

Cass, WA6IMN, has donated to SARC a Cushcraft A4 triband (20/15/10m), 4 element, 8.9 dB gain, 18' boom, with A744 40m extension. Used, disassembled (all pieces seem to be there, stored indoors), very little corrosion visible. Includes Alliance HD-73 rotor with controller. Owner: Cass WA6IMN. New prices (AES) A4S: \$700, A744: \$210, rotor: ~\$400. Suggested starting bid of \$250. All proceeds go to SARC. Submit bids to Greg, WA7IRW, at 446-4383 or wa7irw@arrl.net. The closing date on the auction is 16 September. This a great deal folks!

FOR SALE

Yaesu FT-1500M 2 mtr transceiver, Can be used fixed station or mobile. Power Output: 5, 10, 25 and 50 watts. Also small 6 Amp Power supply. \$110.00 Call Tom Ryan N6NPG 760-384 4842 or e-mail at t.ryan15@verizon.net.

AND...

- 1 - **Hustler 5 band HF vertical** \$30
- 1 - **20 meter vertical** \$20
- 1 - **20 meter 3 element beam** \$20 needs TLC
- 2 - **220 MHz 7 element heavy duty yagi** beams
\$10 each
- 2 - **220 MHz 11 element yagi beams** (Cushcraft ?)
\$15 each
- 1 - **Tristao 70 ft crank up guyed tower** \$500

All from K6JLZ estate, More antennas to come.
Bill WA6QYR 375-8566

And...

Cushcraft A4S 3-band HF Yagi. Never assembled. It's essentially brand new. \$500.
Contact Jerry Brooks, KK6PA

More...

Icom IC-756PROIII for \$2200 only 7 months old!
Rigblaster Datajack Plug-N-Play w/ Icom 8-pin Adapter for \$100

Heil CC-1I Icom Microphone Adapter cable for \$25

Kenwood TS-440S with Autotuner and matching PS-50 Power Supply for \$400 TS-440 works great, has a few

blemishes/scratches, puts out full power, all buttons work, no display issues.

No, I'm not leaving Ham Radio. I'm just making room for either a Flex-Radioor Elecraft K3 / Panadapter setup.

Contact Steve Burns W6DDX

One More...

Complete HF station for sale. **Icom IC-751A transceiver,**

Icom IC-515 matching AC power supply,

MFJ 941D Versa Tuner. and new (unraised & still wrapped)

75 ft. copper clad wire antenna. Virtually plug-n-play HF station

Also, **several 2 meter and dual banders** FS. Call for prices. 375-2156, wb6gki Ron."

Check out the SARC Web Page
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 _____

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

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.

**THE AIRWAVES NEWSLETTER
September 2009**

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