



River City ARCS

River City Amateur Radio Communications Society



Dec. 2013

<http://www.n6na.org/>

Vol. 33 no. 13



From the River City ARCS President:

At our November 5 meeting elections we welcomed board members-elect Ed Siegner WA6QYO and Ryan Toomey K6ELV, and Bob Woodward N6PGQ as Secretary. Thanks to Jason Lager KF6QXX as he completes his term on the board.

Also at our November meeting, Bob Woodward N6PGQ showed [his photo journal from the ARRL Pacificon Convention](#) and Ryan Toomey K6ELV kicked off our Digital Mode mini-series with [his DIY soundboard interface in a live contact using the PSK31 mode](#).

As a last minute program addition, Andy Stephens W6AWS and Chris Huber N6ICW gave [an informative slideshow](#) and discussion on the installation of our new N6NA repeater upgrade. Kudos to the repeater team N6ICW, KF6QXX, KI6NHP, W6AWS and W6FT and to all our donors for helping improve and maintain our communication coverage and dependability with this state of the art repeater system!

As 2013 draws to a close we should recap some accomplishments in our 37th year as a club. Our collaboration with volunteer examiner teams has brought new members. [Our technical program series](#) included meteor scatter, a DIY Spam can TV antenna, software defined radios, Tesla coils, the KSPX-TV broadcast facility, analog meters, Field Day antennas, antenna and filter measurement with the miniVNA Vector Network Analyzer, a DIY 6 meter halo antenna, a video on DIY Altoids can project construction, and a new series on digital modes. We revived the [annual Spring picnic](#) with an N6NA QRP field operation, conducted [our Field Day event](#) and White Elephant sale, collaborated with members of the Elk Grove Florin ARC in support of the Clarksburg Country Run and significantly upgraded our 2 meter repeater.

Continued on Page 3



On November 2nd & 3rd the 30 year old repeater was replaced with a new repeater. The new repeater has a stronger signal and we hope to see many years of service from this new equipment.

Special thanks go out to:

Chris Huber N6ICW

Jason Leger KF6QXX

Vince Cracchiolo KI6NHP

Andy Stephens W6AWS

Chuck Freas W6FT

for their effort in getting the new repeater into operation.

Please use the new repeater as much as possible.

**CLUB INFORMATION**

DUES: \$20.00 Per year

ADDRESS: P.O. Box 417718,
Sacramento CA 95841

MEETINGS: Membership meetings are generally held on the first Tuesday of each month, 7:30 P.M., at the Sacramento County Corporation Yard, corner of Don Julio and Elkhorn Blvd.'s.

Board of Directors meetings are held the fourth Tuesday at 7:00 pm. All members are welcome.

Contact a board member for location.

Web Site: www.n6na.orgE-mail: n6na@arrr.net

Contact club through the web page at:
<http://www.n6na.org/about>

N6NA Repeaters**145.250 MHz (-162.2)****442.600 MHz (+100)****Low Level (Orangevale)****2M Club Net - Members and Guests****Check In on 145.250 MHz****Wednesday at 8 PM****10M Club Net - Members and Guests****Check in on 28.420 MHz****following 2M net****SSTV Club net - Members and Guests****Check in on 145.51 MHz FM Simplex****Following 10M net.**<http://www.n6na.org/nets>**OTHER NETS**

Noon Time Net is on the W6AK/R at
146.910 (-) 100 PL.

2013 OFFICERS AND COMMITTEES**Board of Directors**

President Dr. Carol Milazzo, KP4MD

Vice President Paul McIntyre KC5JAX

Secretary NEEDED

Treasurer Kevin Laybourn KI6KIU

Membership Tony Lenesis N6DXX

Board Members:

2 year Term Jason Lager KF6QXX

2 year Term Chuck Freas W6FT

2 year Term Bob Woodward N6PGQ

2 year Term Ralph Stocki KJ6PIK

Appointments:

N6NA Trustee Steven Bird KM6YU

VE Liaison Need volunteer

Training Ed Seigner, WA6QYO

Editor Ken Martin, KE6RMN

Sales Mary Ann, KE6EST

Field Day Need volunteer

Picnic Chair Need volunteer

2013/4 SCHEDULE OF EVENTS

For 2013 all membership meetings will be held on the 1st Tuesday of each month. Board meetings are on the fourth Tuesday of each month.

Christmas party Dec 3

Christmas day Dec 25

New Years day Jan 1

Membership meeting Jan 7

Board Meeting Jan 28



Ryan KJ6ELV demonstrates his homebrew interface for PSK-31.

PSK- 31 DEMONSTRATION

At the November meeting we had a demonstration of PSK-31 with a video from K7AGE which can also be seen at?

<https://www.youtube.com/watch?v=jQpBGh9RMEQ>

Peace ON EARTH
GOOD WILL TO MEN

From the River City ARCS President (Cont.)

In store for 2014 meetings: more digital modes, how to use an antenna analyzer, a DIY Arduino SWR sweeper for under \$50, DIY bandpass filters for Field Day, a "clinic" to complete and tune our DIY Magnetic Loop antennas, and more!

Remember annual dues for 2014 are now payable [through our web site](#), by mail or at our meeting by cash, check or major credit or debit card. Also please consider a donation to our repeater fund and update your membership information for our records through the web page or at our meeting.

We thank all for making this a very successful year. Our December 3 meeting will be our Annual Holiday Dinner from 6-9 pm at [Sam's Hof Brau](#), corner of El Camino & Watt Avenues. All are welcome for a chance to win prizes and enjoy the good food and great company at this year-end social event for members and our families. Please call Linda Cardoza, KI6OLC [\(916\)606-3178](tel:9166063178) to help decorate the party room (bring scissors and tape).

See you there!

73, Carol Milazzo, KP4MD
President, River City ARCS



Tech Corner

I found a video on a battery charger and backup circuit designed by K5AUW. It is made with a bridge rectifier and a resistor.

Video

<http://www.youtube.com/watch?v=3JeWQGN5fP8>

Diagram

http://www.sanantoniohams.org/pubs/inline_power_Supply_charger_diagram.pdf

Ken Martin
Editor



RCARCS HOLIDAY PARTY

TUESDAY DEC 3
6 to 9 pm

SAM'S HOFBRAU
2500 Watt Ave

Bring an unwrapped toy
for donation to Toys for Tots



**RIVER CITY AMATEUR RADIO
COMMUNICATIONS SOCIETY
RENEWAL APPLICATION
2014**



Date: _____

Annual Membership Dues
Family Member at Same Address (each)
Optional Repeater Fund Donation

\$20.00 \$ _____
\$10.00 \$ _____
Amt Paid \$ _____

TOTAL PAYMENT ENCLOSED \$ _____

FIRST NAME: _____
LAST NAME: _____
STREET ADDRESS: _____ CITY: _____ STATE: _____ ZIP: _____
MAIL ADDRESS: _____ CITY: _____ STATE: _____ ZIP: _____
HOME PHONE: (____) _____
CELLULAR PHONE: (____) _____
EMAIL ADDRESS: _____

BIRTH DATE: _____
SPOUSE'S FIRST NAME: _____
CALL SIGN: _____ CLASS: _____
ARRL MEMBER?: _____
NAME OF FAMILY MEMBER(S): _____

The club publishes a roster of the membership. Included will be the member's name, callsign, address, email, and phone number. This will be made available only to the RCARCS membership. If you wish to "opt" out or have any of the above information excluded from the published roster, please circle those items above.

Return this form with check payable to: River City ARCS

Mail to:
River City ARCS,
PO BOX 417718,
SACRAMENTO CA, 95841-7718

If you have any questions please contact:
Kevin Laybourn KI6KIU- Treasurer at
klaybourn@gmail.com or
at club phone at 916 905 4HAM

Do not write below this line – office use only

Date _____ Treasurer _____ Payment \$ _____ Check # _____ Cash \$ _____
Membership Chairperson _____ Roster _____ Membership Card _____ label _____