



River City ARCS

River City Amateur Radio Communications Society



August 2017

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

Vol. 37 no. 8



Brian Lloyd shown giving a demonstration on WSPR at a club meeting is now on an around the world flight recreating Amelia Earhart's attempt.
See Page 3.

PRESIDENTS MESSAGE

Field Day was the big event for the end of June. Some of the members performed tasks that especially aided in making this year a success event.

I gave verbal credit at the July's general meeting to those individuals, but would like to extend that "thank you" in the news letter.

* To Marie and Dave Martin, KB6YLK, for a great meal.

* To Kevin Hooke, KK6DCT, for the networking and fast posting of Field Day contacts to the ARRL - very fast.

* And for those who came out and braved the heat while making those contact

Well done.

On August 21, 2017, there will be a solar eclipse and if you happen to be in Portland, Oregon, around 1720 UT, you will experience a total eclipse. There are lots of articles on this event along with WARNINGS on how to observe the event. Observing incorrectly can cause permanent damage to the eyes. What's interesting to hams is the effect an eclipse has on radio wave propagation. Dr. Carol Milazzo (KP4MD), during her presentation at the club's August general meeting, will add comments on this. If you can, check out Ward Silver's (N0AX) article "The Solar Eclipse QSO Party" in August's QST edition. Ward also wrote a very good article "The Solar Eclipse and Ham Radio" in "Nuts and Volts" magazine, August edition. I found it to be very well written about ionization of the upper atmosphere and how it effects radio waves.

Also to be discussed during the August General Meeting, rules on September's "Home Brew" contest. Be sure to attend so you can know how to participate in this event. Until then,

73, Ed Siegner
WA7QYO



CLUB INFORMATION

DUES: \$20.00 Per year

Send to: River City ARCS

c/o Phil Sittner, Treasurer

9181 Winding Oak Dr

Fair Oaks, CA 95628-4172

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.

2016 OFFICERS AND COMMITTEES**Board of Directors**

President	Ed Siegner,	WA6QYO
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Vice President	Paul McIntyre	KC5JAX
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Secretary	Gert Thompson	KK6ZGA
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Treasurer	Phil Sittner	KD6RM
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Membership	Phil Sittner	KD6RM
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Board Members

2 year Term	Kevin Hooke	KK6DCT
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2 year Term	Don Jackson	K6GET
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2 year Term	Andy Stephens	W6AWS
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2 year Term	Dave Martin	WB6YLK
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Appointments:

N6NA Trustee	Andrew Stephens	W6AWS
VE Liaison	Need volunteer	
Training	Ed Seigner,	WA6QYO
Editor	Ken Martin,	KE6RMN
Sales	Linda Cardoza	KI6OLC
Field Day	Need volunteer	
Picnic Chair	Need volunteer	

Web Site: www.n6na.org

E-mail: n6na@arrl.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)

441.300 MHz Member use only

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

A list of other nets is at:

<http://www.qsl.net/w6tee/nets.html>

2017 SCHEDULE OF EVENTS

For 2016 all membership meetings will be held on the 1st Tuesday of each month.

Board meetings are on the fourth Tuesday of each month.

Membership meeting	August 1
Board Meeting	August 22
Labor Day	September 4
Membership meeting	September 5
Board Meeting	September 26



Former RCARCS member flying around the world.

Just open the July 6th ARRL news letter. There is a featured article you don't want to miss! Most of you will remember Brian Llyod, WB6RQN a former member of RCARCS. We supported Brian several years while he was teaching at a Montessori school in Roseville. Brian now lives in Texas and is currently on a flight around the world re-tracing Amelia Earhart's flight.

Paul N6dry

For more information go to:

<http://projectameliaearhart.org>

International Lighthouse Lightship Weekend

Registrations for the 2017 International Lighthouse Lightship Weekend ([ILLW](#)) have topped the 200 mark for the August 19-20 event. The ILLW is 20 years old this year, and with a bit more than 6 weeks to go, nearly 250 planned operations have registered throughout the world. During the annual event, Amateur Radio stations will be on the air from -- or in the immediate vicinity of -- various historic lighthouses and lightships in more than 25 countries. In past years, more than 500 stations in some 90 countries have taken part.

ARRL Newsletter

September Meeting is Home Brew Night

The topic for September's membership meeting is Home Brew Night. Members are encouraged to present details of their home brew projects. The presentations should last about 5 minutes and should include pictures, a brief description of the project and if small enough, the item can be displayed at our meeting. We will award three gift certificate prizes, totaling \$100, to the winners. Participation is open to all current River City ARCS members. One of these prizes is dedicated to an entry-level member. Homebrew projects can include, but is not limited to, antennas, go-kits, mobile rig installations, station accessories, Arduino and Raspberry Pi devices, QRP rigs and custom ham radio software.

Solar Eclipse QSO party

The Solar Eclipse QSO Party ([SEQP](#)), sponsored by [HamSCI](#), will take place on August 21, 1400 to 2200 UTC.

As the August 2017 *QST* article "[The Solar Eclipse QSO Party -- Are You Ready?](#)" explains, "The objective...is to flood the airwaves with contacts, all measured by the automated receiver networks of the Reverse Beacon Network, PSKReporter, and WSPRNet. When those observations are combined with the logs from individual stations, the result will be one of the largest ionospheric experiments ever performed."

Other Total Eclipse Special Events

- The South Dakota's Black Hills Amateur Radio Club in South Dakota plans to operate [special event KOE](#) on the day of the eclipse, August 21, 1500-1930 UTC, from Harrison, Nebraska. Operation will be on 20 meters (14.260-14.280 MHz) and on VHF and UHF. [Contact](#) Bob Ewing, W0RE, for more information.
- The Near Zero Sunlite, Great American Eclipse NOS special event will take place August 20-22, 1400-2200 UTC, in Crystal City, Missouri, sponsored by the [Jefferson County Amateur Radio Club](#). Operation will be on or about 3.850, 7.250, and 14.300 MHz. QSL with SASE to Jim Berger, WA0FQK, 131 Ozark Dr., Crystal City, MO 63019.
- K7E will be on the air for the Great American Total Solar Eclipse 2017 special event, August 21-22, 1500-0300 UTC, from Laramie, Wyoming, near the path of totality, on or about 7.183 and 14.256 MHz. QSL [Perry Lehman](#), N7FST, 19828 N. 78th Ln., Glendale, AZ 85308.
- The North East Wyoming Amateur Radio Association ([NEWARA](#)) will field special event W7S from historic downtown Gillette, Wyoming, August 19-21, 1200-0600 UTC, on or about 3.945, 7.265, and 14.265 MHz as well as on 147.360 MHz. QSL to [Garth Crowe](#), WY7GC, P.O. Box 2208, Gillette, WY 82717.

This may not be a comprehensive listing. Search the [ARRL Special Events Calendar](#) for total eclipse special event operations.