

# Newsletter of the Riverside County Amateur Radio Association



## THE MONITOR



JUNE 19  
FATHER'S  
DAY

## JUNE 2016

Welcome to the Riverside County Amateur Radio Association Newsletter. Our club has been serving the Riverside area for 61 years and we have over 50 members. Monthly meetings are held on the second Thursday of each month at 7:00 PM in the La Sierra University Church Conference Center directly behind the church located at the corner of Pierce and Sierra Vista, Riverside, CA. See our webpage for directions and more information:

[www.w6tj.org](http://www.w6tj.org)

## RCARA HAM RADIO CLUB



**ARRL Affiliated Club #1720**

**Riverside Repeater: 146.880 MHz, -600 KHz offset, PL 146.2 Hz**

Please submit your newsworthy articles and suggested publications by the 25th of the month to be included in the next edition of THE MONITOR to Marlene KK6CTX via email at

[XMADAMXX@AOL.COM](mailto:XMADAMXX@AOL.COM)

A reminder that yearly dues are now payable. Ed Morgan KF6BNQ (Membership Chairman) will be happy to receive your renewal application and check. Contact info:  
Phone: (951) 689-1917 [edimorg@aol.com](mailto:edimorg@aol.com)

Names will be removed from the roster and mailing list if dues are not paid. If your information is private and you do not want it published on the password protected Members' Roster on the w6tj web site, please indicate if you still wish to receive Club business emails.

The next RCARA Club Meeting will be on Thursday,  
JUNE 9, 2016, at 7:00 p.m.



This month's meeting will be dedicated to Field Day Planning.

FD Chair Larry WA6PMY will give a progress update.

Members will be asked for their input and suggestions.  
Volunteers are still needed at all skill levels to help Friday setup, radio operators, cooks, pot luck contributions, runners, GOTA station operators and other tasks as needed.



## RCARA Club Officers for 2016



- President: Ron Braley KE6RYX – (951) 369-5149
- Vice President: Don Williams KD6UVT – [kd6uvt@arri.net](mailto:kd6uvt@arri.net)
- Treasurer: Jim Wiley AG6EA – [jameswwiley@att.net](mailto:jameswwiley@att.net)
- Secretary: Duane Allen N6JPO – [d.k.allen@att.net](mailto:d.k.allen@att.net)
- Newsletter Editor: Marlene KK6CTX - [xmadamxx@aol.com](mailto:xmadamxx@aol.com)
- Membership Chair: Ed Morgan KF6BNQ - [edjmorg@aol.com](mailto:edjmorg@aol.com)
- Communications Director: Bob Trujillo – KG6NIB – [kg6nib@yahoo.com](mailto:kg6nib@yahoo.com)



## Appointed Club Officers for 2016:

- Club Photographer: Steve Evans AF6HR
- Sunshine Chairman: Art Sutorus AA6CA
- Web Site Administrator: Mike Riiff KA6VPW
- W6TJ Trustee: Don Williams KD6UVT
- Club Historian: **vacant**
- Field Day Chair 2016: Larry Junker WA6PMY

# President's QSO



**From the desk of Ron Braley KE6RYX**



I am sure everyone has heard by now another one of our long time members has become a Silent Key.

I speak of Ted Hudson KQ6U formally N6FJX. I first met Ted in the late 1970's. Ted was then a member of Riverside County REACT. In the early 1980's, Ted became a licensed Amateur radio operator and joined RCARA. His time in Amateur radio was spent in the service of others. On and off Ted encouraged me to

pursue my Amateur Radio license, which I finely did in 1995. We will miss Ted greatly.

Field Day is upon us!

It is time to dust off your radios, get them out of the box and plan to participate in Field Day 2016. Larry WA6PMY and committee are doing an excellent job of planning a great Field Day. I ask our club members to assist Larry and his committee in any way you can.

Our June meeting will consists of a brief business meeting followed by extensive planning meeting for Field Day. Please bring your ideas and enthusiasm to the meeting.

73,

Ron Braley  
KE6RYX

Raffle tickets are available for a Yaesu FT60R. The HT will be raffled off at the conclusion of Field Day on Sunday, June 26, 2016. Ticket donation is \$2.00 each or 3 for \$5.00



Members are encouraged to offer tickets to their friends, family and co-workers. Please contact Marlene KK6CTX to obtain your tickets

[ymadamxx@aol.com](mailto:ymadamxx@aol.com)

# Riverside County Amateur Radio Association

Business Meeting, May 12, 2016

## In attendance

Ron Braley, KE6RYX, President  
Jim Wiley, AG6EA, Treasurer  
Duane Allen, N6JPO, Secretary  
Ed Morgan, KF6BNQ, Membership  
Marlene Odebralski, KK6CTX, Newsletter Editor  
Bob Trujillo, KG6NIB, Communications Director

## Absent

Don Williams KD6UVT, Vice President

## Guest

Larry Junker WA6PMY, Field Day 2016 Chair

## General Meeting - May 12, 2016, 7:00 pm

For the "Show and Tell" program portion, Jim Weaver AG6JN gave an informative demonstration and instructions on the Arduino microprocessor he built.



My Arduino Repeater Project

I started this project originally because I was interested in the Arduino micro processor board. Being a retired Electronic engineer in the field of circuit design, human/electronic interface and software design and programming, this seemed like a neat hobby project to keep me busy. As I looked around for an application I thought what a great project a cross band repeater would be. As my "radio shack" is on the second floor of my house and all the antennae are on the roof, I have a problem when I'm in the family room. Also, my HT won't quite reach the W6TJ repeater, but surely it would reach the radios upstairs.

As the design progressed I added lots of not really needed "bells and whistles." First there was the LED display to allow setting of various internal parameters. Then, of course, a clock would be nice. This one will run for three years on an internal battery and claims to be accurate to +/- one second in a year. There is also a DTMF (touch tone) detector to turn it on/off over the air and/or ask for other functions such as TOD. A voice synthesizer (made by SpeakJet) to enunciate



the call sign and messages requested by the DTMF. A bunch of timers are software implemented to furnish appropriate call sign ID and to prohibit conversations that are too long (currently set at 3 minutes but adjustable.)

This is all controlled by the Arduino which is programmed in the C language on a PC. Once the program is downloaded into the Arduino the PC is no longer required, only an alternate five volt power source. The repeater is currently connected to two BaoFeng UV5R HT's via an Ethernet type cable but any radios that present a PTT (push-to-talk) an unsquelched signal and audio in/out signals is suitable.



**Thanks Jim for your most informative presentation and demonstration!**

**Members and guests enjoying the “show & tell”**



**A little socializing and inspiration amongst the group**

# Silent Key



**TED HUDSON - KQ6U**

**MAY 15, 2016**

## A few of Ted's admirable contributions to RCARA and RACES:

RCARA President 1997  
W6TJ Trustee 2004-2010  
Harry Crawford W6TJ Memorial Award 1996  
RCARA Delegate to the Inland Empire Council of Amateur Radio Organizations (IECARO)  
Monday Night W6TJ RACES Net Control Operator  
RCARA Salvage Coordinator – Board Appointment focal point for collection of Aluminum Cans

## Members remembering Ted:

When faced with a predicament, one of Ted's favorite sayings was "What's a mother to do?"

Ted liked to go down to the County PEOC radio room on Sunday mornings and use the HF rig to check-in to the RACES nets on 75 meters.

He was a devoted Husband and Father

Army Veteran  
Member of the National Guard  
Honor Guard for the Riverside National Cemetery  
Arms Master for the Honor Guard he served  
American Legion, Riverside, CA, Post 79 - served as armorer  
Former member of the Robert J. "Uncle Bobby" Castillo Memorial Honor Guard, (also known at the Riverside National Cemetery as Memorial Honor Detail Team-12)

## Ted's Amateur Accomplishments:

Member of RCARA from 1980's till recently  
Member of RACES – served as station manager for the EOC as well as other duties within in RACES.  
Member of SATURN

**Funeral arrangements at the Riverside National Cemetery are pending**

*Ted will be missed both on the air and off.*

# FYI

TUESDAY, MAY 31, 2016 at 7:00 p.m

Special guest, City of Riverside, Mayor Rusty Bailey,  
will be on location at a remote transmission site during the  
EmComm weekly net

on the KB6OZX repeater (445.060, - negative offset and a CTCSS of 162.2).

Anyone who is interested is invited to check-in and either just listen or be  
prepared to ask a question or two dealing with emergency communication  
and/or preparedness.

We are looking forward to a good net where we will discuss how the Mayor's  
experiences have influenced his views as a city leader with respect to emergency  
communication and preparedness



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*The Hungry Hams Lunch Bunch will meet on **Tuesday**, June 21, 2016 at  
the Back Street Café, 3735 Nelson Street at Brockton in  
Riverside ... 11:00 a.m.*

*Please join us for some socializing and ham camaraderie.  
Let me know if you will be attending so I can make adequate*

*Reservations: [xmademx@aol.com](mailto:xmademx@aol.com)*

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## Links to help “technify” your ham experience



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

<http://www.qrz.com>

[www.hamradio.com/](http://www.hamradio.com/)

<http://www.eham.net>

<http://www.arrl.org/qst>

<http://www.manualman.com>

<http://73s.com/>

### REPEATER LIST

<http://rpdrlist.w6ipj.ampr.org/>

### ALL ABOUT BATTERIES

<http://www.batteriesamerica.com/>

<http://nicdlady.com/>

### ECHO LINK INFO

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

### IRLP LINK INFO

<http://www.irlp.net/>

## The Ten Cent Modification You Can Do to Double Your Radio's Range

<http://codegreenprep.com/2013/07/the-ten-cent-modification-you-can-do-to-double-your-radios-range/>

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**HAPPY BIRTHDAY**



## **June BIRTHDAYS**

**Tom Koepke KK6CXF - June 2**

**Mike Ruff KA6VPW - June 4**

**Butch Dimery KI6ZKP - June 6**

**Dave Cochrane KJ6EXN - June 19**


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Birthdays are filled with yesterday's memories, today's joys and tomorrow's dreams!



# CALENDAR OF EVENTS



DAY/TIME	WEEKLY NETS	INFORMATION
EVERY SUNDAY 8:30 AM	RIVERSIDE COUNTY RACES/ARES HF NET 3945 kHz, LSB	DON WILLIAMS KD6UVT <a href="mailto:kd6uvt@arri.net">kd6uvt@arri.net</a>
EVERY MONDAY 7:00 PM	RIVERSIDE COUNTY AMATEUR RADIO ASSOCIATION RACES/ARES PUBLIC SERVICE NET 146.880 MHz MINUS 146.2 PL	RON BRALEY 951-369-5149 MARLENE <a href="mailto:xmadamxx@aol.com">xmadamxx@aol.com</a> BOB COMMUNICATIONS DIR. <a href="mailto:kg6nib@yahoo.com">kg6nib@yahoo.com</a>
LAST MONDAY OF THE MONTH 7:00 PM	RIVERSIDE COUNTY AMATEUR RADIO ASSOCIATION RACES/ARES PUBLIC SERVICE NET 148.880 MHz NO PL <b>SIMPLEX</b>	RON BRALEY 951-369-5149 MARLENE <a href="mailto:xmadamxx@aol.com">xmadamxx@aol.com</a> BOB - COMMUNICATIONS DIR. <a href="mailto:kg6nib@yahoo.com">kg6nib@yahoo.com</a>
EVERY TUESDAY 7:00 PM	Emergency Communications Group (ECG) WEEKLY NET KBOZX repeater 445.060 – TONES 162.2	<a href="mailto:group@cert-emcomm.net">group@cert-emcomm.net</a>
EVERY TUESDAY 7:30 PM	QCWA NET 145.580 <b>SIMPLEX</b>	Tom Loughney, AJ4XM 352-425-1097
EVERY SUNDAY 830 HRS	RIVERSIDE COUNTY EMERGENCY SERVICES NET 3.945 MHz (75 METERS)	TBD
EVERY TUESDAY 1900 HRS	RIVERSIDE COUNTY SKYWARN NET 447.480 MHz – DUPLEX PL 156.7 (WEST COUNTY) 145.340 – DUPLEX PL 107.2 (EAST COUNTY)	TBD
WHEN 	MONTHLY EVENTS	CONTACT
3 <sup>rd</sup> SATURDAY OF THE MONTH 6:00 – 11:00 AM	CLAREMONT SWAP MEET 1580 CLAREMONT BLVD. CLAREMONT, CA FREE ADMISSION FOR VISITORS	Event Coordinator <a href="mailto:KG6AB@YAHOO.COM">KG6AB@YAHOO.COM</a>
UPCOMING EVENTS	DATE	INFORMATION
RIVERSIDE DISTRICT RACES MEETING 6:00 PM	MONDAY, JUNE 6, 2016 4080 LEMON ST. RIVERSIDE, CA	Ron Braley, EC (951) 369-5149
RCARA <b>BOARD</b> MEETING 6:00 PM RCARA <b>REGULAR</b> MEETING 7:00 PM	THURSDAY, JUNE 9, 2016 LA SIERRA UNIVERSITY CHURCH 4937 SIERRA VISTA AVE. RIVERSIDE, CA 92504	Ron Braley, President (951) 369-5149 <a href="http://www.w6tj.org">www.w6tj.org</a>

<p><b>FIELD DAYS 2016</b></p>	<p><b>4<sup>TH</sup> FULL WEEKEND IN JUNE JUNE 24-26, 2016 24 HOURS</b></p> <p><b>California Citrus State Historical Park 9400 Dufferin Ave. off Van Buren Riverside, CA 92504</b></p>	<p>Larry Junker WA6PMY FIELD DAY CHAIR <a href="mailto:larryandmelba@junker-family.com">larryandmelba@junker-family.com</a></p> <p><b>VOLUNTEERS NEEDED</b></p>
<p><b>ANNUAL CHRISTMAS PARTY</b></p>	<p>6:00 PM - FRIDAY, DECEMBER 9, 2016 KOUNTRY FOLKS RESTAURANT</p>	<p>RSVP: Ron Braley (951) 369-5149 Marlene: <a href="mailto:xxmadamx@aol.com">xxmadamx@aol.com</a></p>

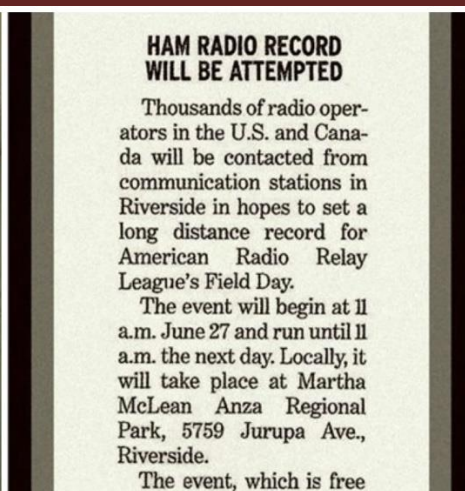
## TOP 10 REASONS WHY YOU NEED TO ATTEND FIELD DAYS 2016

10. Get the information you need all in one place, so you can be a superstar in the wonderful world of ham radio.
9. Build up your “communication survival skills” during a disaster/emergency situation when all other forms fail. Test your equipment.
8. Pick up great new ideas for building antennas, using ham radios, getting off the grid when necessary and using alternative forms of power.
7. Ask questions, get answers, share ideas and be inspired. Show off your ideas and your ‘home brew’ builds.
6. Brush up on all your ham radio skills — or skip the alphabet soup and just meet some new friends who share your excitement about doing cool things with ham radio.
5. Learn, laugh, cry and be moved by the wonderful camaraderie of those who share your radio enthusiasm at this special event.
4. Join other volunteer advocates and leaders along with educators and community spirit for the ham radio hobby.
3. Find out how to upgrade your FCC ham license.
2. Meet members of various local clubs and groups and investigate the possibilities they offer.
1. Share your skills and talents with others who would like to explore the possibility of becoming a ham radio operator.

**Don't miss this great opportunity ...**



# FIELD DAY 2015 PHOTOS



**So much to see and do, so much fun and  
lots of inspiration**