

Riverside County Amateur Radio Association



The Monitor



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2015

Welcome to the Riverside County Amateur Radio Association Newsletter.

Our club has been serving the Riverside area for 59 years and we have over 80 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

Reminders

Election of Officers: November 12, 2015

No regular Thursday Club Meeting in December;

Instead please join us at the

Holiday Christmas Party

Friday, December 11, 2015 at 6:00 p.m.



and



The installation of the 2016 Board Members

*Riverside County Amateur
Radio Association*

**Extends a warm invitation to you
and your guest to attend**

The Annual Holiday Gathering



**Kountry Folks Restaurant
3653 La Sierra Ave.
Riverside, CA 92505**

**Friday, December 11, 2015
6 o'clock pm**

No Host Dinner ordered from the menu

**Bring a "white elephant" wrapped gift
(Something you think will be appreciated
and valued at about \$10)**



**Please RSVP and let us know your
attendance plans
by December 7, 2015**

**Call Ron KE6RYX at (951) 369-5149
or email Marlene KK6CTX:**



xmadamxx@aol.com



R.C.A.R.A. 2015 Club Officers

- President: Ron Braley KE6RYX (951) 369-5149
- Vice President: Don Williams KD6UVT kd6uvt@arri.com
- Treasurer: Jim Wiley AG6EA jameswwiley@att.net
- Secretary: Duane Allen N6JPO n6jpo@arri.net
- Newsletter Editor: Marlene KK6CTX madamxx@aol.com
- Membership Chair: Ed Morgan edimorg@aol.com
- Director of Communications: Bob Trujillo KG6NIB
solementebob@yahoo.com

APPOINTED OFFICERS:

Club Historian: **vacant**

Club Photographer Steve Evans AF6HR – kf6bnp@aol.com

Club Sunshine Chair Art Sutorus AA6CA – aa6ca@att.net

WebMaster: Mike Riiff KA6VPW – mriiff2@gmail.com

W6TJ Trustee: Don Williams KD6UVT – kd5uvt@arri.net



Please note: Information to be disseminated to all R.C.A.R.A. Club Members via email should be forwarded to Marlene KK6CTX at madamxx@aol.com for distribution.

Make sure your membership information is current and updated by letting Membership Chairman Ed Morgan know at edimorg@aol.com or (951) 689-1917.



Board Meeting October

Present:

Ron Braley KE6RYX, President
Don Williams KD6UVT, Vice President
Jim Wiley AG6EA, Treasurer
Marlene KK6CTX, MONITOR Editor

Absent:

Duane Allen N6JPO, Secretary
Ed Morgan KF6BNQ, Membership Chair
Bob Trujillo KG6NIB, Communications

Guests:

Larry Junker WA6PMY

General Meeting After the Pledge of Allegiance and self-introductions, President Ron Braley KE6RYX reminded everyone that elections will be held at the November 12, 2015, meeting. He asked for volunteers to fill the positions. The following are candidates for the club officers but nominations are still open:

President: Ron Braley KE6RYX

Vice President: Don Williams KD6UVT

Secretary: Duane Allen N6JPO

Treasurer: Larry Junker WA6PMY

Membership Chair: Ed Morgan KF6BNQ

Director of Communications: Bob Trujillo KG6NIB

Editor of the newsletter: Marlene KK6CTX

Appointed Positions:

Club Historian: **vacant – volunteer needed**

Club Photographer: Steve Evans AF6HR

Sunshine Chairman: Art Sutorus AA6CA

Web Master: Mike Riiff KA6VPM

W6TJ Trustee: Don Williams KD6UVT

Members are reminded to submit their nominations for the Harry Crawford W6TJ Memorial Award and the LEJO Perpetual Award; two prestigious RCARA annual honors.

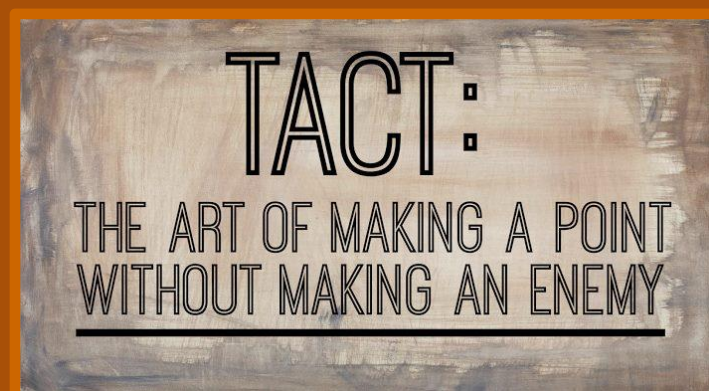
The Crawford Award recognizes a member who has displayed outstanding and exemplary service to the amateur radio community throughout the year.

Criteria for the LEJO Award includes being an active member in the association; activity must have been unusual, unique or unpredictable; recipient must agree to return this key to the club at years end and to be a member of the selection committee for the next recipient; recipient shall be an average person, like the rest of us, who may have been at the wrong place at the right time or vice versa and agrees to bring the award key to each club meeting for use by the presiding officer as a gavel.

The selection committee for the LEJO Award consists of the W6TJ Trustee, the Club President and the Previous Year's Recipient.

Please submit your suggestions for potential candidates in writing to Ron Braley or any Board Member by November 12, 2015.

The meeting was adjourned at 8:30 pm.



November Meeting Presentation

Being DX - Tales of a Contest Expeditioner

Marty Woll N6VI

The Riverside County Amateur Radio Club is honored to have Marty N6VI present "Being DX" at our November 12th RCARA meeting to our members and radio amateur guests throughout Riverside County.

"Being DX" is a collection of anecdotes from nearly twenty contest operations outside the "lower 48". Marty will describe both the unique aspects and common threads of these expeditions.

Marty's 48 years experience as an amateur radio operator will bring a perspective on DXpeditions that many of us can only dream of. He is a frequent speaker at radio clubs and conventions. A retired CPA with a major international accounting firm, he holds an Extra Class license and is a Life Member of the American Radio Relay League. Marty is serving in his eighth year as ARRL's Vice Director for the Southwestern Division. He has served on ARRL's Administration and Finance Committee and UHF / Microwave Band Plan Committee and currently sits on the Legal Defense and Assistance Committee and the VHF Revitalization Subcommittee. In addition to his League and Division duties, he is Assistant District Emergency Coordinator of the ARES Northwest District of the Los Angeles Section, a Battalion Communication Unit Leader and Training Officer for the Los Angeles Fire Department's Auxiliary Communication Service, a licensing Volunteer Examiner and a Volunteer Instructor.

Marty is a founding member of the Southern California Contest Club and has served as a member and chair of the ARRL's Contest Advisory Committee. He has been President of the Southern California DX Club and chair of the Los Angeles Area Council of Radio Clubs. He participates regularly in contests from HF through 10 GHz. In nearly twenty contest expeditions, Marty has set up and operated amateur radio stations on six continents.

Spread the word to new Techs and seasoned HF experts; invite all your amateur radio and non-ham friends. I expect "Being DX" to entertain us all.

Don Williams KD6UVT
Vice President, RCARA



President's QSO Ron Braley

KE6RYX

Good Day Everyone:

I am sad to report the passing of one of our long time members Tom Whelchel WA6TLL. I always enjoyed Tom's stories about his work in HF marine radio; I found his stories educational and interesting. Tom always brought some added wisdom to our meetings and will be greatly missed.

Thank you to everyone who participated in the Great California Shake Out of 10/15/15. We had 25 check-in's for the Riverside District.

I am looking forward to seeing everyone at the November meeting. We will be accepting additional nominations and holding elections for the Board of Directors for 2016. If you want to nominate someone and make your vote count, be sure to attend the November meeting.

Nominations for both the Harry Crawford and LeJo Perpetual Awards are still being accepted. Please submit your letters to the Board of Directors no later than the November 12, 2015, meeting.

Thank you everyone!

73,
Ron Braley, President
KE6RYX



October Meeting Photos



Yaesu Fusion
Repeater

October 2015 Meeting presentation by Dave Belcher KI6CX

If you keep up with the news on Amateur Radio and developing modes you will already know that YAESU released its own version of digital radio, System Fusion. It promises to “lead the way” for future Ham Radio digital FM communications. We should note that YAESU did not incorporate [ICOM's D-Star](#) digital modulation standard nor did they incorporate the capability to use the “[Digital Radio Modulation](#) (DRM) Time Division Multiple Access (TDMA) Tier II” standard that is supported by Motorola and several commercial radio manufacturers. Note that the FCC approved the use of the DRM TDMA standard for Amateur Radio in June of 2014. YAESU developed their digital mode to support a separate digital standard; System Fusion that combines the option for simultaneous use of FM analogue modulation and their C4FM mode under the Frequency Division Multiple Access (FDMA) standard. Oddly enough FDMA is used available in ICOM Land Mobile Radios (LMR) for commercial users (not their D-Star) where [Vertex-Standard](#) (Vertex was once owned by YAESU) Land mobile Radios are available with the TDMA standard developed with Motorola. The Vertex-Standard EVX-R70 repeater looks very similar to the DR-1 System Fusion repeater even offers mixed mode FM/digital operation similar to Fusion but with analogue FM and TDMA rather than C4FM!

Confused, use the links to read up on these different digital standards available to Amateur Radio operators because our speaker, Dave Belcher KI6CXM didn't get into these details. Dave told us about the trials and tribulations of putting YAESU System Fusion Repeaters on the air.

Dave explained that YAESU's low price and dumbed down programming for their Fusion System dual band repeaters make it easy for any Technician licensed Amateur Radio operator to put one on the air and if you struggle you merely have to pull up one of several YouTube videos to guide you. Dave has successfully put a System Fusion repeater on the air to replace Moreno Valley Amateur Radio Association's 2 meter repeater on 146.655 (-) 103.5 and is helping the Northwest Riverside County ARES put one on the air although they are experiencing some problems with the NW ARES repeater.

**Thank you Dave for a most interesting
and timely presentation!**

News You Can Use

If you missed the program on KD6UTV's solar system or want to get the latest details now that it is operating (new photos near the end of the album) go to the Facebook photo album link that Don has included below:

https://www.facebook.com/media/set/?set=a.10206042865884694.1073741865.1052923333&type=1&__d54259fe5d (No Facebook account required). Williams Werkes Solar

Don notes that actual daily output is very close to that predicted in the US Department of Energy's National Renewable Energy Laboratory's online model, currently about 28 KWH/day during October.

Emergency Communication Course EC-001

Following is information for another chance to take the EC-001 Communications course. We hope to schedule a class in the Coachella valley in the future as well.

Introduction to Emergency Communications, course number EC-001, is sponsored by the American Radio Relay League. The class is conducted in a classroom setting. The instructor is an ARRL qualified instructor that has given this course on multiple occasions since 2010. This course will be current with the latest information available.

The class given is a hybrid format which gives the instructor the opportunity to introduce information that is relevant to the local community. In the classroom, mentor/instructors will explain how the content of the course fits with the kinds of emergency responses you might be called upon to engage in your local community. A final exam is given at the end of the second session that requires a passing score of 80% or higher to receive a Certificate of Completion for the course. Test is optional.

The course is open to all amateur radio operators and those who work in disaster service areas and emergency communication organizations such as CERT, ACS, SKYWARN, SATERN, RACES, ARES and others.

Dates: November 7 and November 21, 2015

Time: 8:00 am to 5:00 pm each day

Place: Ben Clark Training Center, Riverside, CA. Address and map will be available on website: <http://orange-arrrl.org>

Course Cost: \$25.00 for course and book.

Send a check or money order by October 27 so books will be available in the class on November 7, 2015. **If you do not register for class we cannot guarantee book availability.**

Send payment to: Carl Gardenias, 20902 Gardenias St., Perris, CA 92570

Test cost: \$15.00 paid to the ARRL Field examiners at the time of the exam cash or check only. The test is not a requirement if you do not wish to have a certificate.

Instructor: Carl Gardenias, WU6D, is a certified instructor for this course by ARRL and has given the course numerous times since 2010. Also, he is the ARRL Orange Section Manager.

For further information: Please contact Cathy K6VC - cjscreek@gmail.com

Prepare for Christmas and the Holidays

Looking for some affordable ideas for your Christmas and holiday "Wish List"? Larsen Antennas Antenna Products catalog is a great resource for anytime of the year. Its technical section on the whys and why-fore of mobile and handheld antennas explains the concepts behind 1/4, 1/2, 5/8, high Q and collinear antennas, effects of placement on your mobile (center roof is always best) and more, even if you buy someone else's antennas. It will help you make a knowledgable addition to that "Wish List"!

Download your own copy here: [Pulse Electronics/Larsen Antennas](http://PulseElectronics.com/LarsenAntennas)

Don Williams
kd6uvt

From the desk of Jim AD6FR

I worked a half a dozen stations in the CQWW DX SSB Contest, conditions seemed real good, Liz wanted to get in there and work some too but we just didn't work many stations because the weekend is too dog-on short. HF Contest season is here though, and our participation will increase, especially on those El Nino rainy days that are on the way :>)



LINKS OF POSSIBLE INTEREST



Amateur Radio Ham Radio Maidenhead Grid Square Locator Map

http://www.levinecentral.com/ham/grid_square.php

Interesting Ham Related Website Links

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

<http://www.qrz.com>

www.hamradio.com/

<http://www.eham.net>

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

<http://www.manualman.com>

<http://73s.com/>

REPEATER LIST

<http://rptrlist.w6ipl.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/>

Clint Bradford - great informational website

<http://www.k6lcs.com>





November

Birthdays

*Hope your special day
brings you all your heart
desires and days of
wonderful surprises for
many years to come*

Harold Dame AD6PL - Nov. 2

Joe Ramos KF6LV - Nov. 9

Avis Barnaby KD6JKN - Nov. 10

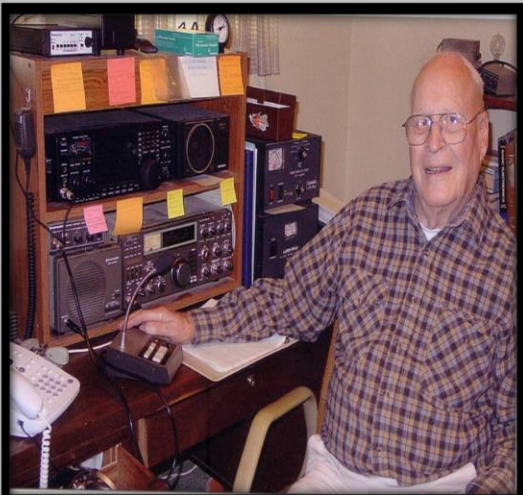
Ed Hopkins AE6ED - Nov. 11

SK - Bob Wade W6RTW - Nov. 22

Carlos Sosa KQ6BMW - Nov. 24

Paul Braiman W2PIR - Nov. 24

Silent Key



**Tom
Welchel
WA6TLL
October 4,
2015**

Tom Welchel WA6TLL, 91, passed away on October 4, 2015.

He was a well-known, long time member of RCARA and QCWA, and regularly attended meetings of both groups until very recently.

Tom was first licensed in New Mexico in 1935, at age 11, after he became interested in copying Morse code when overhearing his older brother practicing for his exam.

He played college football and went on to serve in the Navy during WWII. He retired from the Purchasing Department of the County of Riverside.

Tom was a lifelong active ham radio enthusiast. He enjoyed chasing DX, participating in contests, contacting DXpeditions, using both voice and radiotelegraph modes. His favorite activity was regular participation in the 20 meter Seafarers Net, where he assisted yachtsmen all over the Pacific. He enjoyed sharing many stories about this activity.

He is survived by his daughter Judy and son Jim, KF6IJ and family.

Tom was one my closest (literally) ham friends; our antennas are nearly line of site and less than a half mile apart. We became DX spotting buddies, always phoning each

other about the frequency of rare ones and DXpeditions ... even late at night! I'll really miss him ... as all of us will. He was a very special man.

Having been licensed for 80 years, makes Tom the all-time record holder for our club.

de Clair, K6LG





CALENDAR OF EVENTS



DAY/TIME	WEEKLY NETS	INFORMATION
Every Sunday at 8:30 AM	R.A.C.E.S. PUBLIC SERVICE NET, 3.945 MHz	Don Williams KD6UVT kd6uvt@arri.net
Every Monday at 7:00 PM	R.A.C.E.S./ARES PUBLIC SERVICE NET, 146.880 MHz, Minus, 146.2 PL	Don Williams KD6UVT kd6uvt@arri.net
Last Monday of the month at 7:00 PM	R.A.C.E.S./ARES PUBLIC SERVICE NET, 146.880 MHz, NO PL – SIMPLEX	Don Williams KD6UVT kd6uvt@arri.net
Every Tuesday of the month at 7:00 PM	CERT EmComm Net KB6OZX REPEATER 445.060 negative offset tones of 162.2 in & out	Rick Schirmer Mgr86@juno.com
Every Tuesday at 7:00 PM	QCWA NET 145.580 – SIMPLEX	TBD
DAY/TIME	MONTHLY EVENTS	INFORMATION
1 ST Monday of the month 6:00 PM	R.A.C.E.S. MEETING Monday, November 2, 2015 4080 Lemon St. Riverside, CA	Don Williams kd6uvt@arri.net
1 ST Saturday of the month 1:30 PM By appointment only	VE Testing, Corona	TBD
2 nd Thursday of the month 6:00 PM	R.C.A.R.A. BOARD MEETING November 12, 2015 See our web site at www.w6tj.org for information & directions	Ron Braley (951) 369-5149 www.w6tj.org

2 nd Thursday of the month 7:00 PM	R.C.A.R.A. CLUB MEETING November 12, 2015 See website for details: www.w6tj.org	Ron Braley (951) 369-5149 www.w6tj.org
SWAP MEETS	LOCATION	SPONSOR
Every Saturday and Sunday from approximately 1200 – 1500 hours	Weekly West Coast Swap Meet on the air 7240 KHz	
UPCOMING EVENTS	DATE	INFORMATION
R.A.C.E.S. MEETING	MONDAY, November 2, 2015 6:00 PM	Don Williams kd6uvt@arrl.net
R.C.A.R.A. BOARD MEETING	THURSDAY, November 12, 2015 6:00 PM	Ron Braley (951) 369-5149
R.C.A.R.A. MEETING	THURSDAY, November 12, 2015 7:00 PM - Election of Officers	Ron Braley (951) 369-5149
HUNGRY HAMS LUNCH BUNCH every 3 rd Wednesday	WEDNESDAY November 18, 2015 11:00 am Back Street Café 3735 Nelson St. Riverside	RSVP MARLENE xmadamxx@aol.com
Thanksgiving Day	THURSDAY, NOVEMBER 26, 2015	



A THANKSGIVING POEM

May your stuffing be tasty,
May your turkey plump,
May your potatoes and gravy
have nary a lump.
May your yams be delicious
and your pies take the prize,
and may your
Thanksgiving dinner
stay off your thighs!



RCARA IS THANKFUL FOR YOU!