

RF



ORANGE COUNTY AMATEUR RADIO CLUB, INC.

VOL. LVI NO. 01

P.O. BOX 3454, TUSTIN, CA 92781-3454

January 2015

The Prez Sez.....

by Tim N6TMT



Happy New Year!

Any New Year resolutions?

The gyms are clogged with people the first six weeks of the year who made resolutions to lose weight. Then with time the ranks of exercisers willows down to a core committed group.

I see this club as the core that is left after the resolutions fall away.

We are a committed group of 100+ individuals. We hold a monthly meeting focused on a topic. We publish a monthly newsletter and maintain a use-

ful and informative website. We have members active in a variety of ways from serving Amateur Emergency communications agencies, teaching license classes, providing VE testing, traveling on DXpeditions, and developing cutting edge equip-ment such as the DATV-Express board. We can lend a hand, even some equipment to an up and coming "ham". We take part in the various ARRL activities during the year from contests, conventions and Field Day. This is a great organization made up of a dedicated group of people.

Welcome to your club. No resolutions necessary!

73 DE N6TMT

OCARC 2015 DUES are DUE !!!

Don't forget to pay.

See details on Page 3.

Next Meeting

The next [General Meeting](#) of the OCARC will be held on Friday, January 16th, 2015. Don Hill KE6BXT and Joe Ayers AE6XE will present a talk on:

"Broadband-Hamnet..."

The Orange County Mesh continues to grow and they welcome the opportunity to answer questions about Mesh networking. Find out if that old WIFI router you have laying around can be re-purposed for Hamnet. This is cutting edge amateur radio. Don't miss this meeting!!

The next general meeting will be on:

**Friday, January 16th, 2015
@ 7:00 PM**

As usual, we will be meeting in the east Red Cross Building, Room 208. See you there!

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2015 Board of Directors:

President:

Tim Millard, N6TMT
(714) 744-8909
N6TMT@w6ze.org

Vice President:

Tom Cowart, W6ETC
(714) 454-0571
W6ETC@w6ze.org

Secretary:

Ken Konechy, W6HHC
(714) 744-0217
W6HHC@w6ze.org

Treasurer:

Greg Bohning, W6ATB
(714) 767-7617
W6ATB@w6ze.org

Membership:

Don Mech, N6XBP
(714) 206-6548
N6XBP@w6ze.org

Activities:

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(714) 501-5527
K6PGH@w6ze.org

Publicity:

Robbie Robinson, KB6CJZ
(714) 478-9713
KB6CJZ@w6ze.org

Technical:

Roland Koluvek, WW6RK
(714) ???
WW6RK@w6ze.org

Directors-At-Large:

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(714) 693-9778
AF6CF@w6ze.org

Paul Gussow W6GMU
(714) 624-1717
W6GMU@w6ze.org

2014 Club Appointments:

W6ZE Club License Trustee:

Bob Eckweiler, AF6C
(714) 639-5074
AF6C@w6ze.org

Club Historian:

Bob Evans, WB6IXN
(714) 543-9111
WB6IXN@w6ze.org

RF Editor (rotating):

Tim Millard, N6TMT
(714) 744-8909
N6TMT@w6ze.org

WEB Master:

Ken Konechy, W6HHC
(714) 744-0217
W6HHC@w6ze.org

Assistant WEB Master:

Bob Eckweiler, AF6C
(714) 639-5074
AF6C@w6ze.org

ARRL Awards Appointees:

Arnie Shatz, N6HC
(714) 573-2965
N6HC@aol.com

John Schroeder, N6QQ
(West Orange Co.)
(562) 404-1112
N6QQ@msn.com

OCCARO Delegate:

OCCARO is
currently **INACTIVE**

Contact the Newsletter:

Feedback & Corrections:
RF_feedback@w6ze.org

Submit Articles:
EDITORS@W6ZE.org

Monthly Events:

General Meeting:

Third Friday of the month
at 7:00 PM
American Red Cross
600 Parkcenter Drive
(Near Tustin Ave. & 4th St.)
Santa Ana, CA

Club Breakfast:

Second Saturday of every
month at 8:00 AM
Jagerhaus Restaurant
2525 E. Ball Road
(Ball exit off 57-Freeway)
Anaheim, CA

Club Nets (Listen for W6ZE):

28.375 ± MHz SSB
Wed- 7:30 PM - 8:30 PM
Bob AF6C, Net Control

146.55 MHz Simplex FM
Wed- 8:30 PM - 9:30 PM
Bob, WB6IXN, Net Control

7.086 ± MHz CW **OCWN**
Sun- 9:00 AM – 10 AM
John WA6RND, Net Control

VISIT OUR WEB SITE

<http://www.w6ze.org>

for up-to-the-minute club information, the latest membership rosters, special activities, back issues of RF, links to ham-related sites, vendors and manufacturers, pictures of club events and much much more.

Club Dues:

Regular Members	...\$20
Family Members*	...\$10
Teenage Members	..\$10
Club Badge**\$3

Dues run from Jan thru Dec and are prorated for new members.

*Additional members in the family of a regular member pay the family rate up to \$30 per family.

**There is a \$1.50 charge if you'd like to have your badge mailed to you.

BOARD MEETING CHANGE!

The next scheduled Board Meeting is Saturday, February 7th at 8am.
We will meet at a Marie Callender's restaurant located at:

1821 N. Grand Avenue
Santa Ana, CA
Between 17th Street and Santa Clara Avenue.
Located on the East side of Grand Avenue.

Please consider joining us then and there.

OCARC 2015 DUES

You have through March to pay dues without falling in arrears. Please either bring your \$20 payment to our next meeting or mail it to:

OCARC
P.O. Box 3454,
Tustin, CA 92781-3454

Baker-2-Vegas Race is Coming

City of Orange RACES is looking for
a few more good hams to help

The Baker-2-Vegas Race is a 120-mile-long foot-relay-race between as many as 250+ different law enforcement teams that is run through the desert, from Baker to Shoshone to Pahrump and finally on to Los Vegas. The B2V race will be held on



the week-end of March 28th and March 29th this year.

The Orange COAR RACES team will be setting up five Communications Centers along the route as well as operating a "Follow Vehicle" in order to support the running team from the Orange Police Department. COAR RACES always has a need for "few more good hams". If you are interested in helping, contact:

Vern KG6OXD at vrdmrs@sbcglobal.net or
Will KJ6IA at willstoddard@pacbell.net

The first COAR RACES planning meeting is set for 7 PM on Tuesday, January 06, in the EOC Room at the Orange Police Station located at 1107 North Batavia Street in the City of Orange.

OCARC Financial Audit Committee Work Session

The 2014 financial audit committee held a productive work session on Jan 03 after statements were available from the Credit Union. Afterwards, a few e-mail threads were used to clear up the final discrepancy...an outstanding check that had not been properly accounted for. The final 2014 financial report is published near the end of this Newsletter.



The Financial Audit committee (L-R) Tom W6ETC, incoming-Treasurer Greg W6ATB, outgoing-Treasurer Ken W6HHC and Bob AF6C

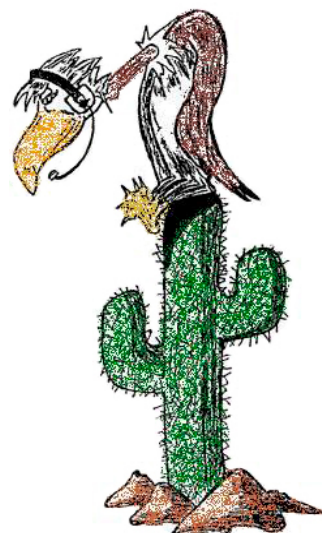
2015 Arizona Section Convention

Yuma Hamfest

Yuma, Arizona

Feb. 20 & 21, 2015

Yuma County Fairgrounds
2520 East 32nd Street, Yuma, Arizona



www.yumahamfest.org

Check the Website for Additional Information

Gates Open for Camping Thursday, 2 pm Vendor Setup Friday, 7 am - Noon	Event Hours Friday, Noon - 5 pm Saturday, 8 am - 5 pm	Hamfest Dinner & Grand Prize Drawing Saturday Night 6:00 - 8:00 pm
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Vendors & Exhibitors
Consignment Sales
License Testing
Hourly Door Prizes
On-site RV Camping
Hamfest Dinner
ARRL Speaker
Transmitter Hunt
\$5.00 Admission

Tailgating (Swap Meet)
Full Seminar Schedule
DXCC Card Checking
Incredible Grand Prizes
Emergency Preparedness
Admission Prize
Hospitality Area
Near Space Balloon Launch
Antenna Clinic

Hamfest Talk-In Frequency: 146.840 (-) PL 88.5 Hz

Email Contact: ***info@yumahamfest.org***



We are proud to have the Amateur Radio Council of Arizona (ARCA) as a sponsor of our event.

The Yuma Hamfest is an American Radio Relay League (ARRL) sanctioned event.



Presented by the Yuma Amateur Radio Hamfest Organization



Western Amateur Radio Association

NOW OFFERING

AMATEUR RADIO VE TESTING SESSIONS

Contact V.E. George T. Jacob Jr. N6VNI

Phone Numbers: Home Phone: 562/691-7898 Cell Phone: 562/544-7373

Email: jac2247@gmail.com Or N6VNI@arrl.net

Sponsoring Club: N6ME Western Amateur Radio Association, Fullerton, Ca.
"WARA"

Test site location:

La Habra Community Center.

101 W. La Habra Blvd., La Habra, CA 90631

Date and Times - Third Thursday of every month, @ 6 P.M. unless otherwise noted. Pre-Registration is requested and preferred. Walk-ins are welcome.

2015 TESTING SESSIONS

Thursday, January 15th, 2015 6 p.m.

Thursday, Sept 17th, 2015 6 p.m.

Thursday, February 19th, 2015 6 p.m.

Thursday, October 15th, 2015 6 p.m.

Thursday, March 19th, 2015 6 p.m.

Thursday, Nov 19th, 2015 6 p.m.

Thursday, April 16th, 2015 6 p.m. **NOTE: Location change -this date only**
(Home of George N6VNI, 1901 W. El Portal Drive, La Habra, CA 90631)

Thursday, May 21st, 2015 6 p.m. **NOTE: Location change - this date only**
(Home of George N6VNI, 1901 W. El Portal Drive, La Habra, CA 90631)

Thursday, June 18th, 2015 6 p.m.

Thursday, July 16th, 2015 6 p.m.

Thursday, August 20th, 2015 6 p.m.

On Exam Day Bring the Following Items

- A legal photo ID (driver's license, passport) or Two forms of non-photo ID; e.g., birth certificate, social security card, library card, utility bill or other business correspondence with name of the examinee as it appears on the Form 605 and current mailing address.
- Your Social Security Number (SSN) or FCC-issued Federal Registration Number (FRN).
- If applicable, the original and a photocopy of your current Amateur Radio license and any Certificates of Successful Completion of Examination (CSCE) you may have from previous exam session. (Photocopies will not be returned.)
- Two number two pencils with erasers, and a pen.
- Test Fee: \$15.00 (cash or check).

If you fail an element and wish to retake it, we are required to charge an additional test fee. If you pass an element, we typically offer and encourage you to take the next element. We do not charge an additional test fee for this and it gives you the opportunity to see what the next exam element is like!

OCARC Financial Report for 2014

12/31/2014

INCOME

ARRL Membership Income	\$78.00
Auction In	\$1,796.00
Badge Income	\$45.50
BADGE MAILING	\$2.50
Christmas Dinner Ticket Sales	\$1,160.00
Coffee Mug Sales	\$60.00
Donation - Bob WB6IXN	\$50.00
Donation - Ken Taylor-W6NIB	\$400.00
Donations - FD Food	\$950.00
Donations - Misc	\$1.00
Donations - Scoutarama	\$250.00
Dues, Family	\$280.00
Dues, Future	\$470.00
Dues, Membership	\$1,235.00
Interest	\$1.14
Opportunity Drawing -Monthly	\$471.00
Radio Sales Receipt	\$100.00
Reservation Deposit Refund	\$200.00
TOTAL INCOME	\$7,550.14

OUTFLOWS

ARRL Membership Expense	\$61.00
Auction Expense	\$11.31
Auction Payout	\$1,110.15
Awards and Plaques	\$71.20
BSA - OC	\$257.50
CA Statement Of Info filing	\$20.00
Christmas Dinner - Ladies Gifts	\$154.74
Christmas Dinner - Snow Refund	\$29.00
Christmas Dinner 2014	\$968.06
Coffee Mug Expense	\$80.00
CU Checking Account Fees	\$20.00
Field Day - Flowers	\$64.80
Field Day - Generator Costs	\$46.00
Field Day Equipment	\$39.48
Field Day Food	\$994.75
Insurance Expense 2015	\$300.00
Opportunity Drawing - Monthly	\$1,059.09
Opportunity Drwg - Christmas Radio	\$994.13
PO Box Rental	\$77.00
Printing - Club Brochures	\$482.84
Printing - membership Forms	\$110.36
Supplies	\$15.77
Web Site Hosting	\$179.28
TOTAL OUTFLOWS	\$7,146.46

NET CHANGE**\$403.68****Assets - Beginning Balance: 2013-12-31**

Checking Statement	\$4,512.19
Savings Statement	\$2,303.89
Cash Box	\$50.50
Outstanding checks	-\$2,053.88
Total Beginning Net Balance:	\$4,812.70

Assets - Ending Balance: 2014-12-31

Checking Statement	\$5,439.64
Savings Statement	\$0.09
Cash Box	0
Outstanding checks	-\$223.35
Total Ending Net Balance:	\$5,216.38

Total Beginning Balance:	\$4,812.70
Total Ending Net Balance:	\$5,216.38
Net Change for the Year	\$403.68

Audit Acceptance:*Tom Cowart*Tom Cowart **W6ETC***Bob Eckweiler*Bob Eckweiler **AF6C***Greg Bohning*Greg Bohning **W6ATB**, incoming Treasurer*Ken Konechy*Ken Konechy **W6HHC**, 2014 TreasurerDate signed: 2015/January/06

A HISTORY of OCARC PRESIDENTS

by Ken Konechy W6HHC
with great assistance from our
Club Historian, Bob Evans -
WB6IXN

2015 N6TMT Tim Millard
2014 AF6CF Nicholas Haban
2013 AF6CF Nicholas Haban
2012 W6GMU Paul Gussow
2011 W6GMU Paul Gussow
2010 K6PEQ Kristin Dankert
2009 AF6CF Nicholas Haban
2008 N8WP Willie Peloquin
2007 K6PEQ Kristin Dankert
2006 N8WP Willie Peloquin
2005 W6HHC Ken Konechy
2004 N1AB Steve Brody
2003 KQ6JD Lowell Burnett
2002 KE6WIU Cory Terando
(now AE6GW)
2001 KD6BWH Bob Buss
(later KØBWH)
2000 K6LDC Larry Hoffman
1999 WA6VPP Bud Barkhurst
1998 KD6BWH Bob Buss
(later KØBWH)
1997 WA6VKZ Frank Smith
1996 AF6C Bob Eckweiler
1995 N6XTJ Jim Roberts
1994 KJ6ZH Chris Breller
1993 KC6TAM Jane Breller
1992 WA6VKZ Frank Smith
1991 W6HHC Ken Konechy
1990 KJ6ZH Chris Breller

YEAR

1989 WA6VKZ Frank Smith
1988 W6HHC Ken Konechy
1987 N6JSV Jim Talcott
1986 WA6VKZ Frank Smith
1985 AF6C Bob Eckweiler
1984 KA6IMP Chris Breller
(now KJ6ZH)
1983 W6IBR Al Watts
1982 KA6HNY Robin Hoff
1981 WA6VKZ Frank Smith
1980 WA6FOW Ernie Prichard
1979 WB6IHZ Terry Mathers
1978 WA6LFF Jim Kingsbury
1977 WA6WZO Fried Heyn
1976 WB6PEX Martin Raymond
1975 WA6LHB Art Sheldon
(now K7ZE)
1974 W6HHC Ken Konechy
1973 WB6QNU Bob Eckweiler
(now AF6C)
1972 WA6FIT Ron Cade
(now W6ZQ)
1971 WB6CQR Billy Hall
(now N6EDY)
1970 WB6UDC Jack Hollander
(now N6UC)
1969 WA6ROF Jerry VerDuft
(now ADØA)
1968 W6COJ Dave Hollander
1967 WB6GPK Jim Hill
1966 WA6YWN Jack Shaw
1965 K6KTX Rolland Miller
1964 W6WRJ Ralph Alexander
(later W6RE)
1963 W6DEY Roy Maxson
1962 K6LJA Ted Glick
1961 K6IQ Roy Morriss

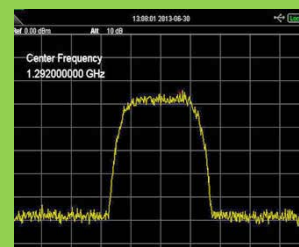
YEAR

1960 K6TXS Charles(Ed)Edwards
1959 W6BVI Ken Kesel
1958 W6BVI Ken Kesel
1957 - CLUB DISBANDED -
1956 W6HIL Bob Swenson
1955 W6BVI Ken Kesel
1954 W6UPP Marinus Conway
1953 Probably only informal
meetings, no officers?
1952 W6QZQ Horace Bates
1951 W6LDJ Sam (Mac) McNeal
1950 Probably only informal
meetings, no officers?
1949 W6CGF Chuck Lunder
1948 W6BWO Dale Bose
1947 W6ALO Tommy Gentges
1946 W6DEY Roy Maxson
1945 W6DEY Roy Maxson
1944 - **ALL OFF TO WAR!!**
1943 - **ALL OFF TO WAR!!**
1942 W6IBN Roy Cumpston
1941 W6BAM Shelley Trotter
1940 W6KLU Harold Christensen
1939 Probably only informal
meetings, no officers?
1938 W6NSA Les Gates
1938 W6ADT Noral Evans
1937 W6LYN Noral Evans
(later reissued as W6ADT)
1936 W6LYN Noral Evans
(later reissued as W6ADT)
1935 - CLUB DISBANDED!!
1934 W6IGO Earl Moore
1933 W6IGO Earl Moore



Digital Amateur TeleVision Exciter/Transmitter

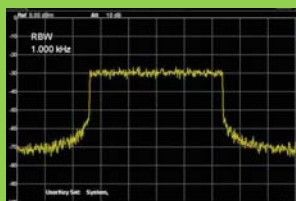
now available from



DATV-Express



- A more affordable DATV exciter can now be ordered
- Fully assembled and tested PCBA
- DVB-S protocol for DATV (using QPSK modulation)
- Can operate all ham bands from 70 MHz-to-2450 MHz
- RF output level up to 10 dBm (min) all bands (DVB-S)
- Software Defined Radio (SDR) architecture allows many variations of IQ modulations
- “Software-Defined” allows new features to be added over the next few years, without changing the hardware board
- As extra bonus, the team has been able to get the board to transmit DVB-T 2K mode, however we cannot guarantee the performance of that protocol. Caveat Emptor!
- Requires PC or ODROID running Ubuntu linux (see User Guide)
- Price is US\$300 + shipping – order using PayPal



For more details and ordering
www.DATV-Express.com

register on the web site
 to be able to see
 the PURCHASE page

