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 useful 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 equipment 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

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!

OCARC 2015 DUES are DUE !!!

Don’t forget to pay.

See details on Page 3.
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: Doug Wood, K6PGH  
(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:  
Nicholas Haban, AF6CF  
(714) 693-9778  
AF6CF@w6ze.org

Paul Gusso 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  
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 Notes (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.
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 Las 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
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
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, February 19th, 2015  6 p.m.
Thursday, March 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**

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

**OUTFLOWS**

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

**NET CHANGE** $403.68

**Assets - Beginning Balance: 2013-12-31**

<table>
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<th>Description</th>
<th>Amount</th>
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</thead>
<tbody>
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<td>Checking Statement</td>
<td>$4,512.19</td>
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<tr>
<td>Savings Statement</td>
<td>$2,303.89</td>
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<tr>
<td>Cash Box</td>
<td>$50.50</td>
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<tr>
<td>Outstanding checks</td>
<td>-$2,053.88</td>
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</table>

**Total Beginning Net Balance:** $4,812.70

**Assets - Ending Balance: 2014-12-31**

<table>
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<th>Description</th>
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<td>Checking Statement</td>
<td>$5,439.64</td>
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<tr>
<td>Savings Statement</td>
<td>$0.09</td>
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<tr>
<td>Cash Box</td>
<td>0</td>
</tr>
<tr>
<td>Outstanding checks</td>
<td>-$223.35</td>
</tr>
</tbody>
</table>

**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 Treasurer

Date signed: 2015/January/06
## A HISTORY of OCARC PRESIDENTS

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

<table>
<thead>
<tr>
<th>YEAR</th>
<th>NAME</th>
<th>CALLSIGN</th>
<th>YEAR</th>
</tr>
</thead>
</table>
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