



RF



ORANGE COUNTY AMATEUR RADIO CLUB, INC.

VOL. LIV NO. 12

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

December 2013

The Prez Sez.....

by Nicholas AF6CF



Hello and Greetings to all Ho! Ho! Ho! We are finally in December and the last month of the year is when we pause to look back and reflect on what we accomplished in the last twelve months as a Club and make plans and dream for a better future. We had one of the best Field Day events in the Club's history, a great many speakers and a fantastic auction. But also, this is the month to celebrate and party. With almost two grand in opportunity drawing prizes, our Club this year went "all out" for the dinner event. The party was a GREAT event and those who helped make it happen did a very

good job. Congratulations to Kris KC6TOD for winning a well deserved Good of the Club Award and to Bob AF6C for winning the ICOM 7200 HF radio. Many thanks to George N6VNI who led the group of "prize buyers" and to his wife Kris who did an absolutely outstanding job with the women's baskets. Many thanks too to those companies and individuals who donated prizes to make sure that almost everyone left the event happy. Even Ken W6HHC (Treasurer) was happy to see so many donations and prizes. In his words: "A good time was had by all".

So HAPPY HOLIDAYS to everybody and we'll see you next year.

73 DE AF6CF



Next Meeting

The next OCARC [General Meeting](#) will be held on Friday, January 17th, 2013.

Our guest speaker is Art Goddard, W6XD. Art is well known for his involvement and promotion of Amateur Radio. Licensed for 57 years, he is Past Director, ARRL Southwestern Division.

His topic is:

Amateur Radio In the 21st Century... Mainstream or Backwater?

The next general meeting will be on:

**Friday, January 17th, 2013
@ 7:00 PM**

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

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**ORANGE COUNTY
AMATEUR RADIO CLUB**
www.W6ZE.org



2013 Board of Directors:

President:

Nicholas Haban, AF6CF
(714) 693-9778
AF6CF@w6ze.org

Vice President:

Tim Goeppinger, N6GP
(714) 730-0395
N6GP@w6ze.org

Secretary:

Tim Millard, KJ6NGF
(714) 744-8909
KJ6NGF@w6ze.org

Treasurer:

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

Membership:

Jay Hitchcock, KI6WZU
(714) 244-7171
ki6wzu@w6ze.org

Activities:

Doug Britton, W6FKX
(714) 742-2459
W6FKX@w6ze.org

Publicity:

Kristine Jacob, KC6TOD
(562) 619-8870
KC6TOD@w6ze.org

Technical:

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

Directors-At-Large:

Paul Gussow, W6GMU
(714) 624-1717
w6gmu@w6ze.org

Robbie Robinson, KB6CJZ
(714) 478-9713
kb6cjz@w6ze.org

2013 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):

Kristine Jacob, KC6TOD
(562) 619-8870
KC6TOD@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:

Paul Gussow, W6GMU
(714) 624-1717
W6GMU@W6ZE.org

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.

OCARC November 15th, 2013 General Meeting Minutes

The OCARC General Meeting was held at the Red Cross Complex on November 15th 2013. The meeting was called to order at 7:00 pm. There were 31 people including 3 visitors in attendance. As is the normal plan of action we started the meeting with the U.S. Pledge of Allegiance.

President Nicholas quickly transitioned us to a video of the Ballad of the Green Berets, in commemoration of Veterans Day which was celebrated earlier in the week.

Several announcements were made from various parties including:

OC RACES is holding a monthly T-hunt event. For more details go to www.ocraces.org and look for their November 2013 newsletter.

The Field Day results released by ARRL this month showed that we were the 2nd highest scoring team in the country. Based on that news Nicholas declared our FD a spectacular success. Listed below are the scores ...

| Top 10 Claimed | | |
|----------------|--------|-------|
| Call Sign | Score | Class |
| W3AO | 33,724 | 29 A |
| W6ZE | 21,258 | 12 A |
| K5UZ | 20,696 | 2 A |
| W4IY | 19,924 | 9 A |
| K6EI | 18,885 | 9 AB |
| W4EZ | 17,675 | 9 AB |
| K4LRG | 17,392 | 5 A |
| NA5NN | 16,750 | 5 A |
| W6YX | 16,074 | 9 F |
| K4FC | 15,954 | 7 A |

Thanks to Wayne W6IRD for chamfering of the tower pins. This should help out greatly during our next Field Day event.

Nicholas also had a demonstration of a Geophone device for measuring vibration and earth movement. This device demonstration was very appropriate since our guest speaker Doug- W6FKX was talking about the 1933 Long Beach earthquake. Doug is a professional geologist and professor of Geology at Long Beach City College.

On Friday March 10th 1933 at 5:54pm a 6.4 magnitude earthquake shook along what is called the Newport/Inglewood fault. There are various accounts of the number of deaths that occurred but several sources place the number at over 100 killed.

On the Intensity scale this earthquake measure as a level 8 for Long Beach and much of Orange County and caused over \$40 million dollars damage (1933 dollars so would be much higher amount today.)

The property damage was most noticeable in the number of school buildings which collapsed. Because of all the school building collapses the California Legislature quickly passed the Field Act by April of 1933. This legislation requires that school building be designed and constructed to be earthquake resistant. It is estimated that the law adds 15% to the construction cost of new schools.

Doug provided us with a hands on experiment involving a cup of sand, a cup of water and several coins. First we instructed to place the coins upright in the sand and then simulated a mild earthquake. Invariably the coins would then tip over. Next we lightly wetted the sand and compacted it. This created a much better foundation environment for our coin buildings allowing them to withstand much more shaking. Finally, we saturated our sand and built our buildings one last time. With saturated sand our buildings tended to sink into the sand. Since many of the soils in Southern California are not bedrock materials but instead more of the nature of the sand in our cups then this was a painful reminder of the dangers that we can expect in a large earthquake event.

As a follow up to Doug's presentation there was a "history minute" presented by Tim N6GP about the Ham Radio response to the Long Beach earthquake. For example, well known ham W6AM – Don Wallace operated from the

yard of his residence in Long Beach helping to pass messages to the outside world.

Also, a visitor to our club mentioned that it was his understanding that the Long Beach Earthquake and large scale flooding in the Midwest the same year were important factors in the ARRL establishing Field Day as an annual practice event for operating outside under emergency conditions such as our earthquakes and the flooding that the Midwest had experienced.

After a short break the meeting was reconvened and annual officer elections were held. The results of the elections for the 2014 board is President – Nicholas Haban – AF6CF, Vice President - Tim Goepfinger – N6GP, Secretary – Tim Millard – KJ6NGF, Treasure – Ken Konechy – W6HHC, Activities – Paul Gussow – W6GMU, Membership – Kris Jacob – KC6TOD, Publicity – Robbie Robinson – KB6CJZ, Tech – Bob Eckweiler – AF6C, Director at Large – Doug Britton – W6FKX, and Director at Large – Greg Bohning – W6ATB.

Also, the members approved two spending items regarding the annual Christmas Party. It was agreed to spend up to \$1,500 on raffle prizes – with the assumption that after raffle ticket sales the club is only likely to be spending about \$600 ($\$1,500 - \$900 = \600) on the drawing prizes. A second measure was passed to spend up to \$400 on gift basket prizes for the women attending the party.

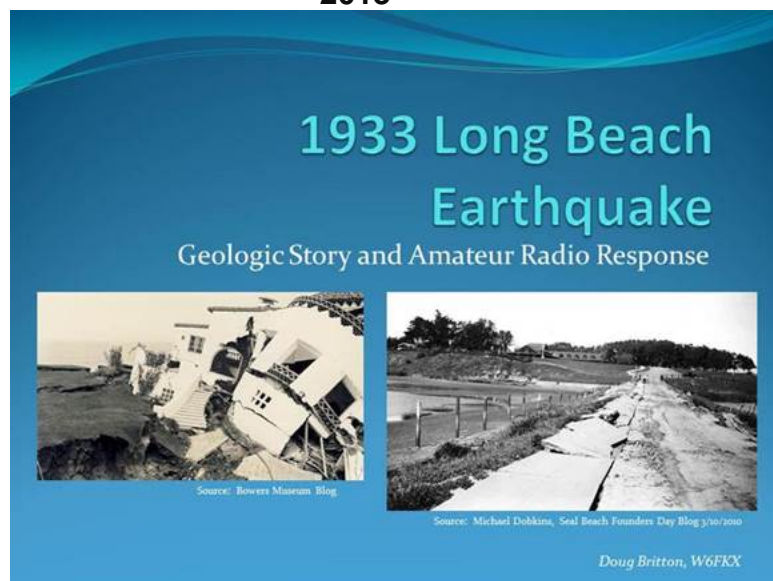
Even with the spending approved for these two measures the club finances are reported to be in good shape and since the purpose of the club is not to build a large bank account these measures should provide a fun method for the club to return some of monies to the membership.

Meeting adjourned at 9:10pm.

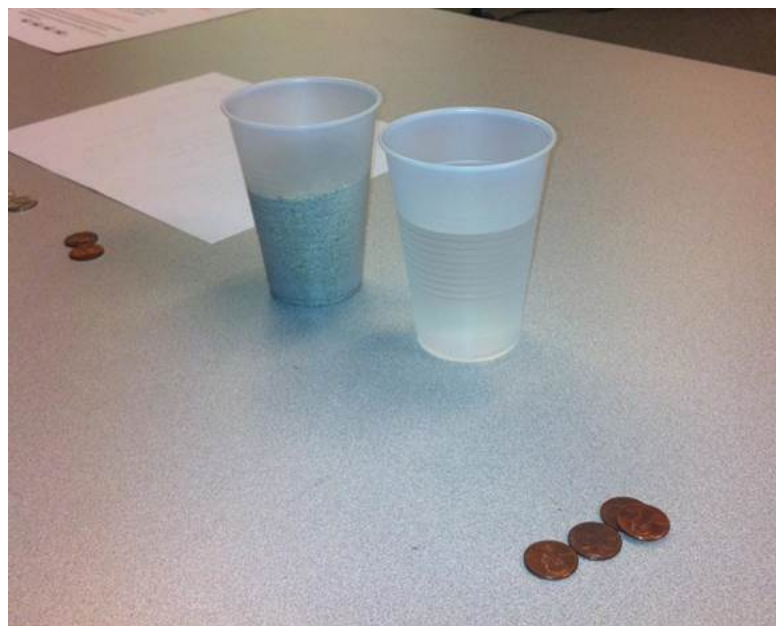
Respectfully submitted by:
Tim Millard, KJ6NGF, Secretary 2013.



Doug Britton's Presentation November 15, 2013



Doug W6FKX presented a terrific talk on the 1933 Long Beach Earthquake. The response of hams after the earthquake lead to ARRL starting Field Day event in 1934.



Professor Doug allowed each two attendees to conduct an experiment to demonstrate earthquake damage on sandy soil using a glass of sand, a glass of water, and some coins to construct a “building”.



This photo shows how under the wrong soil conditions the basement of a building can begin to sink into the ground, and the floors above can collapse.





Introducing the 2014 OCARC Board

President: AF6CF Nicholas Haban
Vice President: N6GP Tim Goeppinger
Secretary: KJ6NGF Tim Millard
Treasurer: W6HHC Ken Konechy
Activities: W6GMU Paul Gussow
Membership: KC6TOD Kris Jacob
Publicity: KB6CJZ Robbie Robinson
Technical: AF6C Bob Eckweiler
Director at Large: W6FKX Doug Britton
Director at Large: W6ATB Greg Bohning



Orange County Amateur Radio Club 80th Anniversary Polo Shirt Order



Port Authority® - Pique Knit Polo with Pocket. K420P

We garment washed our pique knit polo for softness and added a pocket for pens and more.

- 7-ounce, 100% ring spun combed cotton
- Double-needle stitching throughout
- Flat knit collar and cuffs
- Locker patch
- Horn-tone buttons
- Side vents

Adult Sizes: XS-6XL



Port Authority® - Ladies Pique Knit Polo. L420

A favorite year after year, these polos are known for their exceptional range of colors, styles and sizes. The soft pique knit is shrink-resistant and easy to care for, so your group will always look its best.

- 7-ounce, 100% ring spun combed cotton heavyweight pique (preshrunk)
- Garment washed for softness
- Double-needle stitching throughout
- Traditional, relaxed look
- Flat knit collar and cuffs
- Reverse placket
- Horn-tone buttons
- Locker patch
- Side vents

Ladies Sizes: XS-4XL

Price \$36.00. Includes sales tax and shipping

TERRI NICKS
EMBROIDERY IN MOTION
3834 WACKER DRIVE
MIRA LOMA, CA 91752
(951)360-9368

TERRI NICKS
EMBROIDERY IN MOTION
3834 WACKER DRIVE
MIRA LOMA, CA 91752
(951)360-9368
Terri@Sewiton.com

Order Form

Ship To Information

Name

City

Zip Code

Phone

Date

Address

State

Shipping Label Instructions

email

Call Sign

Products

Style Color

| | | | | | | | | | | | |
|-------|-------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| K420P | White | XS | S | M | L | XL | 2XL | 3XL | 4XL | 5XL | 6XL |
| | | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| | | 36.00 | 36.00 | 36.00 | 36.00 | 36.00 | 37.00 | 38.00 | 39.00 | 40.00 | 41.00 |

| | | | | | | | | | |
|------|-------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| L420 | White | XS | S | M | L | XL | XXL | 3XL | 4XL |
| | | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| | | 36.00 | 36.00 | 36.00 | 36.00 | 36.00 | 37.00 | 38.00 | 39.00 |

Sub Total

Mens or Ladies Style

Personalization - Name

Personalization - Call Sign

Qty

Total





OCARC Holiday Party 2013!!!!

Friday evening December 13th was a fantastic holiday party, it was held at the Jagerhaus Restaurant in Anaheim.

We had a great turnout of 43 members and guests, wonderful to see so many YL's to help us celebrate the evening. Our prize table was inviting and tempted many to take a chance at one of the great selection of prizes.

Thank you to all who helped make this a memorable evening!



Good German food arrives at one of the tables holding the 43 OCARC members and guests





Kris KC6TOD was the 2013 recipient of the OCARC's "W6NGO Good of the Club" award for outstanding contributions



The "Good of the Club Award" is presented annually to the OCARC club member who has made the most significant contribution to the club for the year. In 1997, this annual award was then dedicated to the **memory of Kei Yamachika - W6NGO**, for his year-after-year contributions in support of our club's activities.



VP Tim N6GP (R) presents out-going President, Nicholas AF6CF, with a plaque for a job well done!



Sherri Millard, wife of Tim KJ6NGF, was the first winner of the ten magnificent gifts baskets raffled for the ladies



Here are just some of the many Radio Prizes available at the drawing



Bob AF6C was the happy winner of the Icom IC-7200 grand prize transceiver...now that is one happy camper!

A special thank you to M2 Antennas – Jason Boyer N6EY for three gift certificates totalling \$200.00, Innovo Antennas – Chip Margelli J7JA for a gift certificate for \$100.00 and Carl Gardenias WU6D for the 2013 ARRL Handbook.



Everyone had a wonderful evening of good food and friends.



Happy Holidays to All!





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@arri.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.

2014 TESTING SESSIONS

Thursday, January 16th 2014 6p.m.

Thursday, February 20th 2014 6p.m.

Thursday, March 20th 2014 6p.m.

Thursday, April 17th 2014 6p.m.

Thursday, May 15th 2014 6p.m.

Thursday, June 19th 2014 6p.m.

Thursday, July 17th 2014 6p.m.

Thursday, August 21st 2014 6p.m.

Thursday, September 18th 2014 6p.m.

Thursday, October 16th 2014 6p.m.

Thursday, November 20th 2014 6p.m.

**See information following
On VE Exam Day Bring the Following Items**

1. A legal photo ID (driver's license, passport) or two other 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.
2. Your Social Security Number (SSN) or FCC-issued Federal Registration Number (FRN).
3. 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.)
4. Two number two pencils with erasers, and a pen.
5. A calculator with memory erased and formulas cleared (no iPhones, iPads, etc.).
6. 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!

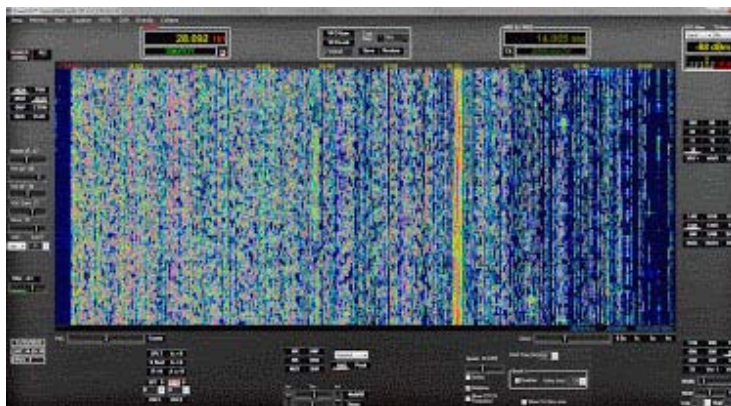


**OCARC Board Meeting Minutes
No December Board Meeting**

CW Lives!!!!
and
10 Meters is Wide Open!!!!
by Ken W6HHC

Many hams are familiar with the “waterfall” display that is used with some digital modes like PSK-31. There is a digital SDR group of hams (HPSDR) that are using the waterfall display to “see” all modes like: SSB and CW as well as digital.

The photo below is taken on 10M during the recent CQWWDX CW-SWEEPSTAKES contest. Each vertical line you see “in the waterfall” photo is another CW QSO occurring during the contest.



**Waterfall Display captured during the 2013
November CQWWDX-CW Contest on 10M
(courtesy of N1EU)**

The photo shows that the CW QSOs are spaced absolutely right next to each other with what appears to “NO Clear Spot on the Band” to send out a CQ yourself.

This tells me that CW is not dead!

This tells me that 10M is finally open this winter!

OCARC Board Meeting Minutes

for

November 9, 2013

The OCARC Board meeting was held at the JägerHaus Restaurant, 2525 East Ball Road, Anaheim, and called to order by President Nicholas Haban AF6CF on Saturday, November 9, 2013. Called to order at 8:13 am and all directors except Doug – W6FKX, Bob – AF6C and Jay – KI6WZU were present. Club member George – N6VNI was also in attendance.

DIRECTOR REPORTS

Pres – Nicholas AF6CF has read the latest newsletter and congratulated the editor and writers for a job well done.

Treas – Ken W6HHC has filed the required FTB-199N form with the State Franchise Tax Board. The club financial position is still in fine shape even after our Reunion party and the various submitted expenses, with approximately \$6,023 in the bank. Also, Ken noted that the club netted more on the Auction than recent years. This was particular due to the generous donations from the members.

Sec – Tim KJ6NGF presented a piece of mail sent to the club from Radio City, Inc. offering a “Ham Radio Starter Kit” which include a TDX 2m/440 radio, Gordon West Technician Class book, FCC Part 97 Rule Book, and Reference Guide for the radio.

Publicity – Kris KC6TOD reports that club brochures have been restocked at Ham Radio Outlet.

D.A.L. – Paul W6GMU reports that mugs will be available at the November General Meeting for those who previously ordered. Additional mugs can be ordered at that time.

No other Directors reports were presented.

Old Business:

- 1.) **Newsletter Editors:** Dec –KC6TOD; Jan AF6CF; Feb W6HHC; Mar KJ6NGF; Apr AF6C.
- 2.) **General Meeting Entertainment** – November – Doug W6FKX on Long Beach Earthquake plus Ham Radio response. December – Dinner, Jan – in planning, Feb – attempting to rebook Arduino speaker.
- 3.) **Field Day 2014**– start putting this into planning mode – no change to report at this time.
- 4.) **Field Day Repairs**
 - a.) **Tower Pins** - Wayne W6IRD has completed pin chamfering. Thanks Wayne.
 - b.) **15M Beam Balun** - Bob AA6PW reported that the whole balun was damaged (lossy after many years of exposure to the weather) and had to be trashed. Bob AF6C will make a new coaxial balun and design a connector.
 - c.) **15M Beam Broken Element** - Ken W6HHC held a work party using Bob AF6C and Nicholas AF6CF to put the parts together on November 2nd and then test the beam. That work party discovered that new tube needed to be ordered to replace the element end. They have been ordered and are being shipped at this time.

- 5.) **Pay Pal Account Takeover to full ownership of OCARC** – PayPal rules have not made this easy. They seem to require that the account be under an individual's Social Security number and name, however that is exactly the issue that we are trying to avoid because if something happens to that person then access to the account can become blocked. The club has a corporate identity and tax id and it would be best if the account were established that way. Might require setting up a new account with PayPal to make this all work correctly. In addition, the "free" button available from PayPal for web sites is limited to a single item at a single price...a "shopping cart" arrangement appears to cost money. Board talked about other options than PayPal. It was suggested that we contact member Jim Shryne – N6DHz to see if he has some wisdom in dealing with PayPal since he was successful in establishing its use for the District convention.
- 6.) **Elections Committee report** – The current list of proposed officers on the website is correct. At our November General meeting we will ask the membership if there are additional nominees. At that point a final slate will be defined and elections can proceed at that time.
- 7.) **Xmas Party prizes and advertising** – At the previous Board Meeting it was voted to spend \$600 on radio raffle prizes. The board passed a motion (that amended that earlier decision) to spend \$1500 on radio prizes with the idea that enough tickets will be sold to cover up to \$900 of that cost, so our potential loss if any should be no more than \$600. The prize committee (Paul, Nicholas, George, Kris and Doug) will go shopping with the intent of purchasing an HF rig in the \$600 range and a mobile UHF/VHF in the \$200 range. That will leave another \$700 in additional prizes for the drawings.
- 8.) **Speakers for 2014** – January speaker still not resolved, February it is looking promising to have our Arduino friend, March – looking for another Wayne Overbeck presentation.

New Business:

1. **Xmas Party cover price discussion** – The dinner price is \$29.95 however at that price the menu did not include the Potato Pancake. After discussion the board agreed to subsidize the approximately \$2.00 additional amount and offer the full menu that members had last year which includes the pancake. The main agreement among the board members is that the club's finances have been in great shape this last year. While it is the intention of the club to always carry some reserves the board feels that it only makes sense to return those funds deemed excess to the membership in some form, whether that is additional prizes at meetings and parties or subsidizing a portion of the Christmas dinner cost.
2. **No December Board Meeting** – Board members agreed to not hold a December board meeting.
3. **2014 Honorary Club Members** – Board agreed to keep the 2014 honorary club members list the same with Gordon and Suzy West, Janet and Chip Margelli, and Tom Woodard so honored.
4. **Audit Committee** – The President appointed Tim KJ6NGF, Bob AF6C, and Doug W6FKX to serve as an "audit committee" to review the OCARC 2013 finances.

Good of the Club

- The Club President asked that board members offer their suggestions during the coming weeks for nominees whom he should consider for the 2013 Good of the Club award.

Adjourned at 10:13 am

Respectfully submitted by: Tim Millard KJ6NGF, Secretary 2013.