



RF



ORANGE COUNTY AMATEUR RADIO CLUB, INC.

VOL. LXV NO. 2

PO Box 3454, Tustin, CA 92781

February 2024

The Prez Sez...

By Nicholas AF6CF



Greetings to all! We started 2024 with an excellent Winter Field Day as usual safe, with great scores and hope that this year will be yet another great year for the Club. We plan to enjoy the rest of the year with great plans and activities. Of course, Summer Field Day is as always front and center and we already started conversations about it, looking for the prospective Chairpersons and Band Captains to give it an early start. The Board of Directors is looking for the most qualified individuals to make a successful team. I can promise that I will delegate most if not all activities to others, so we will have the best people doing the job at hand.

We also plan to participate in many other activities like the Baker to Vegas race, Antennas at the park (or beach), open houses, parties and picnics etc etc. We are proud of having members that love the hobby and accomplish great milestones like the DXCC (see page 14).

I'm actively pushing for the return of Show & Tell at the meetings as a way to spark new ideas and discussions about radio, portable equipment, and the like.

The Board of Directors is still looking for an Activities chairperson, and would like to hear from a member that can take the challenge. In reality, it's not that hard a job and you can delegate any of the functions that you are not able to perform. I'm very excited and look forward to this month's presentation. RF power is something we all crave for, and this month's speaker will tell us all about it. Do not miss it.

Happy Valentines Day and I'll see you all at the Meeting.
73 DE AF6CF

NEXT GENERAL MEETING

IN-PERSON

Bodo Fritsche

DF8DX

presents

“HIGH POWER RF”

**February 16th, 2024, at 7pm
at the**

**American Red
Cross**

**Orange County Chapter
Santa Ana, Room 208**

NEXT BOARD MEETING

Saturday, March 2nd, 2024

See www.w6ze.org for more info

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2024 Board of Directors

President

Nicholas Haban, AF6CF
(714) 693-9778
af6cf@w6ze.org

Vice President

Janet Margelli, KL7MF
(714) 600-6988
kl7mf@w6ze.org

Secretary

Tim Millard, N6TMT
(714) 744-8909
n6tmt@w6ze.org

Treasurer

Tim Goeppinger, N6GP
(714) 730-0395
n6gp@w6ze.org

Activities

Available
Your name here
info@w6ze.org

Publicity

AJ Ricci, KN6WNO
(714) 788-0847
kn6wno@w6ze.org

Technical

Ron Mudry, W6WG
(714) 840-3613
w6wg@w6ze.org

Membership

Corey Miller, KE6YHX
(714) 322-0395
ke6yhx@w6ze.org

Directors-at-Large:

Ken Konechy, W6HHC
(714) 348-1636
w6hhc@w6ze.org

Directors-at-Large

Joe Rodman, KM6SVV
(714) 454-5721
km6svv@w6ze.org

2024 Club Appointments

W6ZE Club License Trustee

Bob Eckweiler, AF6C
(714) 639-5074
af6c@w6ze.org

Club Historian

Corey Miller, KE6YHX
(714) 639-5475
ke6yhx@w6ze.org

RF Managing Editor

Corey Miller, KE6YHX
(714) 322-0395
ke6yhx@w6ze.org

RF Editor for February 2024

Nicholas Haban, AF6CF
(714) 693-9778
af6cf@w6ze.org

Webmaster

Dan Violette, KI6X
(714) 637-4632
ki6x@w6ze.org

Web Main Programmer

Bob Eckweiler, AF6C
(714) 639-5074
af6c@w6ze.org

Assistant Web Maintenance

Tim Millard, N6TMT
(714) 744-8909
n6tmt@w6ze.org

ARRL Awards Appointees

Arnie Shatz, N6HC
(714) 573-2965
n6hc@w6ze.org

John Schroeder, N6QQ
(West Orange Co.)
(562) 404-1112
n6qq@w6ze.org

Monthly Events

Membership Meetings*

Time: 7:00 PM
When: 3rd Friday of each Month
Red Cross Orange County, Room 208
600 N Parkcenter Dr, Santa Ana
(Replaced by the Christmas Party
in December.)

Board Meetings

First Saturday of each Month
*Board will handle Club business now
IN-PERSON.*

Club Nets (Listen for W6ZE)

10M ~ 28.375 MHz SSB

Wed- 7:30 PM - 8:30 PM
Net Control: Corey, KE6YHX
Alternate Net Control: AJ, KN6WNO

2M ~ 146.55 MHz Simplex FM

Wed- 8:30 PM - 9:00 PM
Net Control: Corey, KE6YHX
Alternate Net Control: AJ, KN6WNO
Echolink Node: KK6TRC-L

75M ~ 3.883 MHz LSB

Tue @ 8:00 PM
Net Control: Corey, KE6YHX

Other Nets

**Catalina Amateur
Repeater Association (CARA)**
147.090 MHz (+0.600 MHz) No PL
Monday - Friday
9:00AM & 9:00PM
Prg. Director. Tom W6ETC
COME JOIN US

OCARC 2024 DUES:

Membership period is:
1 January to 31 December

Individual New or Renewal: \$30
Family New or Renewal: \$45
Teen New or Renewal: \$15

*New Member Dues are prorated
quarterly and includes a badge:*

Additional Badges¹ \$3

Use one of our interactive online forms
to calculate current prices, join, renew, or
order badges:

<https://www.w6ze.org/FormsShortcut.html>

¹ \$3 or less + mailing. See form.

HIGH POWER RF

February 16 at OCARC is going to be so exciting!

Our guest speaker is an RF Engineer from Switzerland, Mr Bodo Fritsche, DF8DX, in person.

Bodo works for Ampegon in Baden, Switzerland, and travels the globe to help troubleshoot and repair their products. The topic is “High Power RF”, which covers transmitters, antennas, and amplifiers in the global science, medical tech, industry, and broadcast markets.

Ampegon Power Electronics has an extensive product range tailored to customer needs that include high voltage power supplies and RF amplifiers used around the world at top universities and international research labs who use particle accelerators, high field electronic magnets, and fusion reactors. Ampegon is a leading designer, manufacturer, and integrator of AM/DRM radio broadcast systems worldwide, including broadcast control systems, DRM monitoring receivers, and tube and solid state shortwave transmitters.

Bodo will show us how various commercial, industrial, and scientific applications require a LOT of RF power, like Megawatts in the GHz range, and how much RF can be generated with solid state power amplifiers.

Come join us to welcome Bodo and to learn about RF power at the high end.

Janet Margelli, KL7MF
OCARC VP



**A BIG THANK YOU TO ALL
WHO VOLUNTEERED FOR
2024 WINTER FIELD DAY
MAKING IT
A BIG SUCCESS!**



WHEN: January 27th & 28th, 2024

WHERE: Ocean View School District site, Huntington Beach, CA



AJ KN6WNO & logger Sophia



Tim N6TMT and Sons



Tony KN6VBV



2024 WINTER FIELD DAY CONTINUED



Tim N6GP & Ron W6WG



Vijay NA6VJ



AJ KN6WNO



Awesome (evening) image by Dan KI6X



Winter Field Day 2024
Certificate of Participation
presented to Amateur Radio Station
W6ZE
for their active and invaluable participation during the 2024 Winter Field Day Event. The WFDA, gratefully thanks you for your effort and recognizes your dedication to improving your operating skills, which may be crucial during an emergency event.

Contacts Logged: 2657

Marvin Turner
Marvin Turner, President
Winter Field Day Association

Photo by Andrew Wells, KJ7OPR operating 10 in WY.



RadioActivity

February 2024

UPCOMING ACTIVITIES:

FEBRUARY

- ***CQ WW WPX / RTTY** 0000 UTC Saturday Feb. 10 through 2359 UTC Sunday Feb. 11
- ***ARRL International DX Contest CW:** 0000 UTC Sat. Feb 17 through 2359 UTC Sunday Feb. 18
- ***CQ WW 160 Meter SSB:** 2200 UTC Friday Feb. 23 through 2200 UTC Sunday February 25
- **North American QSO Party/RTTY:** 1800 UTC Sat. Feb 24 through 0559 UTC Sunday Feb. 25

MARCH

- ***ARRL International DX SSB Contest:** 0000 UTC Saturday March 2 through 2359 UTC Sunday March 3.
- ****North American Sprint / RTTY:** 0000 UTC through 0359 UTC Sunday March 10
- ***CQ WW WPX Contest / SSB:** 0000 UTC (Sat) March 30 through 2359 UTC Sunday March 31

* Indicates club entries are accepted

** Indicates team entries are accepted

Note: When submitting logs for ARRL Contests PLEASE indicate your club affiliation as "Orange County ARC"

STATE QSO PARTIES:

- **Vermont QSO Party:** 0000 UTC Saturday February 3 through 2359 UTC Sunday Feb. 4
- **Minnesota QSO Party:** 1400 through 2359 UTC Saturday February 3
- **South Carolina QSO Party:** 1559 UTC Saturday February 24 through 0100 UTC Sunday Feb. 27
- **North Carolina QSO Party:** 1500 UTC Sunday Feb. 25 through 0100 UTC Monday Feb. 26
- **Oklahoma QSO Party:** 1500 UTC Saturday March 9 to 0200 UTC Sunday March 10 and 1500 UTC to 2100 UTC Sunday March 10
- **Idaho QSO Party:** 1900 UTC Saturday March 9 to 1900 UTC Sunday March 10
- **Wisconsin QSO Party:** 1800 UTC Sunday March 10 to 0100 UTC Monday March 11

Send an email to Ron W6WG, w6wg@w6ze.org to have your favorite activity or your recent RadioActivity listed in next month's column.

Last year's tip from Chip K7JA (SK): The ARRL DX Contests (February 17-18 for CW, March 2-3 for Phone) always bring out lots of juicy DX, and they're excellent opportunities to build your country count. Go to <https://ng3k.com/Misc/adxo.html> for the latest announcements of DX activity.

REPEATING ACTIVITIES:

- **Phone Fry:** Every Tuesday night at 0230 UTC to 0300 UTC
- **SKCC:** Weekend Sprintathon (Straight Key CW) on the first weekend of the month after the 6TH of the month. 1200 UTC Sat. to 2400 UTC Sunday.
- **SKCC:** Sprint (Straight Key CW) 0000 UTC to 0200 UTC on the 4th Tuesday night (USA) of the month.
- **CWops:** Every Wednesday 1300 UTC to 1400 UTC, 1900 UTC to 2000 UTC and Thursday 0300 UTC to 0400 UTC
- **ICWC Medium Speed Test:** (CW, 25WPM Max.) Every Monday 1300 UTC to 1400 UTC 1900 UTC to 2000 UTC and Tuesday 0300 UTC to 0400 UTC
- **K1USN Slow Speed Test:** (CW, 20WPM Max.) Every Friday 2000 UTC to 2100 UTC Every Sunday night at 0000 UTC to 0100 UTC Monday

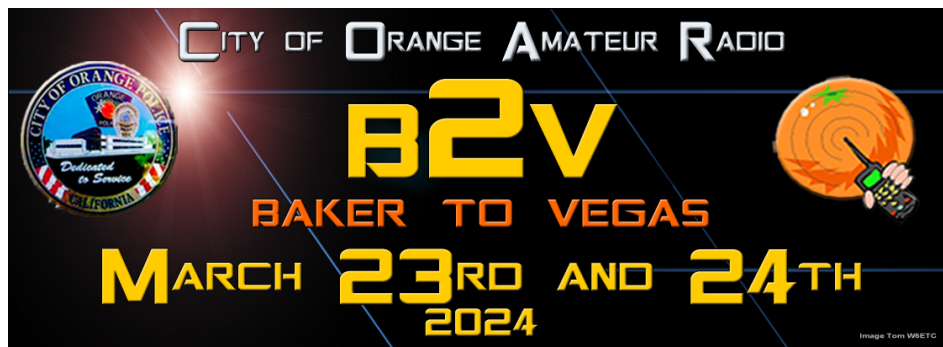
OCARC CLUB NETS

- **75 Meter Net:** Every Tuesday night at 8:00 pm to 8:30 pm Local Time. SSB 3.883 MHz
- **10 Meter Net:** Every Wednesday night at 7:30 pm to 8:30 pm Local Time. SSB 28.375 MHz
- **2 Meter Net:** Every Wednesday night at 8:30 pm to 9:30 pm Local Time. FM Simplex 146.55 MHz

OTHER NETS:

- **Catalina Amateur Repeater Association**
Net-AT-9 Wellness & Support
Monday thru Friday - 9:00 AM and 9:00 PM PST
(2M) 147.090 MHz (+600 MHz) No PL &
(1.25M) 224.420 MHz (-1.600 MHz) PL 110.9
EchoLink Conference Server *CATALINA*
Node #384712
Allstar Node
#51597





RACE VOLUNTEERS NEEDED!

The City of Orange Amateur Radio (COAR) RACES organization is still looking for a couple more volunteers to assist with the upcoming Baker to Vegas race held on March 23rd and 24th.

As background, for the last 20+ years, the Orange Police Department (OPD) has fielded a team of top runners that participate in this international event. [Website: <https://bakervegas.net/>]. The OPD typically participates in the popular category of departments with less than 150 officers and frequently finishes in the top 3. The race starts in the town of Baker, CA (around early afternoon), runs along highways 127, 178, 372, and 160 through the towns of Shoshone and Pahrump, and finishes in Las Vegas, NV (around 7:00 am).

The race covers a distance of 120 miles and is broken down into 20 stages. Due to the distances involved, the terrain, and the lack of established communication infrastructure (i.e., Cell Towers) over the race course, there is the need to create a custom, specific communications network to support team communication needs.

To address this need, the City of Orange Amateur Radio (COAR) RACES organization utilizes Amateur Radio frequencies and equipment set up at locations throughout the racecourse and within the Follow Vehicle to provide this service.

A key element of this effort is the volunteers who make up our Communications Support Team. Without these volunteers, we wouldn't be able to operate this expansive setup. Many who participate come back from the event with great stories to share and experiences applicable to our EmComm role.

If you would be interested in supporting the race this year, please let me know. In addition, we have a few volunteer assignments that don't require Ham License (e.g., shuttle drivers), so don't let that keep a friend (e.g., CERT) from participating in this great training exercise. There are even a couple of volunteer assignments that can utilize GMRS radios (e.g., communications between Leap Frog Vehicle and Catcher). They are all rewarding and valued assignments.

If you know someone that might be interested in volunteering, please feel free to forward this email to them. I plan to utilize virtual meetings (i.e., Zoom) as much as possible in order to make it easier to participate in the preparation meetings. Though, we will still have an in-person "equipment check-out and dry run" the morning of Saturday, March 9th at the OPD facility in the city of Orange.

All volunteers will be provided with no-charge hotel accommodations Friday and Saturday evenings, and are invited to attend the all-you-can-eat buffet at the Bellagio hotel Sunday morning. As we get closer to the March dates and assignments are known, I will do my best to coordinate carpooling in order to help minimize travel expenses.

If you have any questions or need clarification on something, please do not hesitate to contact me (via email preferred). Thanks in advance for your assistance.

Scott MacGillivray, KM6RTE
CRO, City of Orange Amateur Radio (COAR) RACES
(714) 392-9095 (mobile)
Please reply to: csmacg67@outlook.com



New Member Q&A

For those I have not met, I am Bill (KN6SMP) and I'm writing to let you know about a recurring feature in the monthly OCARC Newsletter called "New Member Q&A."

The purpose is so all members can get to know new and returning OCARC members.

As per the title, members are asked and respond to questions about themselves focusing on their amateur radio experience and interests.

In past months we have met the undersigned KN6SMP, Neil Jessen N6VHF, AJ Ricci KN6WNO, Jeff Smith WA6TKR, Jim Williams KB6TKA and Albert Gonzalez N6ACG.

It's simple to participate. You can either respond to the questions below via email or I'd be happy to have a phone or face-to-face QSO where I could "interview" you. Either way I'll prepare an article for publication in an upcoming edition of the newsletter. We hope the Q&A feature to resume with the February 2024 issue.

Here's what we cover:

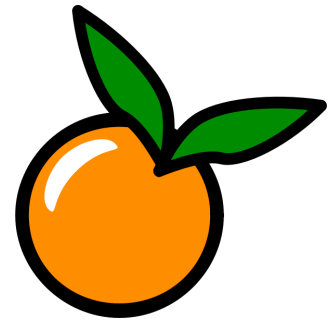
- Can you tell us something about yourself?
- How did you originally become interested in amateur radio?
- What have been some of your recent amateur radio interests and activities?
- On what equipment and antennas are you presently operating?
- What are some of your current and future interests in amateur radio?
- How did you become acquainted with the Orange County Amateur Radio Club?
- How do you anticipate that your membership with Orange County Amateur Radio Club will enhance your knowledge and enjoyment of amateur radio?

If you'd like to participate, the Q&A is a great way to introduce yourself to your fellow club members. And, although we'd like to focus on new members, please feel free to respond even if you're a veteran of OCARC, as we all benefit from getting to know each other better.

I look forward to hearing from you and, of course, meeting you at a future OCARC event or meeting.

Bill Malecki
KN6SMP

IN THE KNOW WITH KN6WNO



Issue 1

ABOUT ME

Hello everyone, my name is AJ Ricci KN6WNO. I have my General License, currently studying for my Extra Exam (when time allows).

I hope you'll find this collection of articles I'll be putting out to be informative and insightful to a fellow ham's journey in the year 2024. A bit of background, I live in the City of Orange in the downtown area, also referred to as the "Plaza" or "Circle".

I've always been passionate about my hometown and a firm believer in what makes a city or neighborhood is what you put into it. I'm close with my neighbors and regularly check in with them about their day-to-day trials and accomplishments.



In 2020 I found the Orange Police Citizens Academy to be a good opportunity to be more connected in the inner workings of my local police department.

In 2020 I completed the Orange Police Department Citizens Academy Class #34 Program. A few years later I completed my city's Community Emergency Response Team (CERT) Class#17 in 2022.

Shortly after, a supplemental GMRS class was offered to CERT members, hosted by COAR member and Chief Radio Officer, Scott MacGillivray, KM6RTE. Scott guided the class in navigating the infamous FCC website for obtaining a GMRS license and eventual callsign.

My GMRS Call Sign at the discounted price of \$35 and No Test Needed!

Call Sign
WRVE428

 **PROJECT UPDATES**● **HF**

- Build a wire antenna, I believe it will be a center fend mono-band antenna.
- Streamline my POTA operation which includes removing my dependency on my vehicle as a ground plane for my mag-mount ham stick antennas. Reduce overall gear brought.

● **UHF/VHF**

- Work on grounding my VHF/UHF backpack to dispel reflecting. I have the ground rod and alligator clip. I also have a Tiger Tail counterpoise to test, but need to put in a notch to fit over the BNC connector.
- Consolidate handhelds for USB-C HTs as long as quality isn't compromised for convenience.

● **DIGITAL**

- Figure out how to find Yaesu Fusion Reflectors for my hotspot that I use my Yaesu FT-70DR to access.
- Figure out Wires-X usage for my car Yaesu FTM-500. Find out how C4FM functionally works beyond just getting the repeater inputs right.

● **QTH UPDATES**

- Waiting on the battery case for 100Ah battery so I can have QTH completely off-grid.
- Consider selling or shelving my Kenwood TM-V71A for another Yaesu FTM-500 to operate on C4FM/APRS/WIRES-X and other digital modes without the need for external adapters.
- After major rain, check coax barrel connection points for water intrusion
- Consider moving my weather station for better wind readings. Also re-calibrate the barometer for accurate readings.
- Find better use for the external GMRS antenna hooked up to my Midland MXT500. Try to get my mobile repeater working.
- Small solar panel on the exterior of my garage does not have enough amperage to consistently charge the external battery. I need to mount a larger panel while trying to keep the same ball mount attached to the garage facia.



GEAR REVIEW

~The Baofeng UV-5RM~



At the time of this article, can be typically found between \$20 to \$50 USD. This is one of those HTs that is not officially on Baofeng's website, but is identical to the Official Baofeng UV-5G Plus GMRS HT. The UV-5RM seems to be the same radio except it can transmit 136MHz-174MHz/200MHz-260MHz/400MHz-520MHz and receive Airband.

This handheld is really a recased UV-17. With that being said, it's hard to identify the true distributor of this HT, and will have slightly different versions, some advertising 7 Watts to 10 Watts. Most seem to be compatible with the latest version of CHIRP.

Initially, I bought this HT for its larger, clear text, screen, Tri-Band ability for 220MHz, which seems to be rare nowadays to find without going to handhelds from the late 1990s, and

frequency matching ability. It feels solid in your hand with clear receiving audio.

There is a USB-C port on the back which is good for those trying to consolidate charging cords. It also came with a charging cradle. I ended up buying 4 of these HTs with 2 Nagoya tri-band antennas. I'll be using these HTs for testing digital modes such as Winlink, Packet, and mobile 220MHz capability. NOTE: The antenna that comes in the box is labeled to do 2m/70cm, so I would recommend an aftermarket Tri-band Female SMA. Also, the HT does receive and transmit on the GMRS band, which is not FCC compliant, but makes this HT a good 'SHTF' handhelds that I can gift to family and friends during times of emergency. Overall it was a good purchase for bench testing and easy programmability.



**OCARC BOARD MEETING
MINUTES
2024-02-03**

OCARC Board Meeting Minutes for: February 3, 2024, The OCARC Board meeting was held at The Streamliner Lounge, 186 N. Atchison St., Orange, and called to order to order by President Nicholas Haban AF6CF at 8:15 am. A quorum of Board Members was in attendance. Club Member Arnie N6HC was also in attendance.

President report: Nicholas felt the Winter Field Day went well. Those who turned out made it a success and various hurdles were overcome including a quick radio substitution due to technical issues.

Treasurer report –Report shows positive cash flow for January with membership renewals slowly arriving. Receipts for tent rental, propane and misc. items are being presented to the treasurer from the WFD event.

Membership report - 109 current members including 4 honorary members.

Technical – Ron noted that there is a top tower section which needs some aluminum welding due to a broken rod. Arrangements will be made to pickup the section from storage so that it can be repaired before Summer Field Day.

Publicity report – planning on regular monthly updates on Facebook page.

Financial Audit Committee Report – Motion to approve the 2023 Audit Committee report. Motion was seconded and approved.

Newsletter: February = Nicholas AF6CF, March =Tim N6GP, April =Bob AF6C?, May =Ron W6WG

Speakers: February =Boda Fritsche DF8DX “High Power RF: transmitters, antennas, amplifiers.”

Speakers: March =Michael Scofield N6OK how we communicate under stress – “Life Without Full Duplex”.

Winter Field Day report – generator and fuel worked fine, tents good, around 14 people available to put up and take down towers, spare radios and generator were available, spare radios were needed. Setup skills can be improved. We might need some instruction manuals, pictures for more efficient deploying. Some representatives from the local news media visited. An interlacing rod broke on tower 2 top section. Ron will arrange to get it repaired.

Zoom - no change in status.

Activities Director Request: No interest received in response to ad in last month’s RF for Activities Director. Drawing planned for March General meeting. AJ will be picking up prizes. Also, Nicholas has received a donation from Bioenno of a battery and solar panel. A prize of this value will likely be saved for our Holiday party. Tim N6GP has acquired some prizes including an MFJ antenna analyzer.

Show & Tell: AJ has a POTA backpack system for Show & Tell at the March General meeting. Monthly Planner still in testing.

New business

- Motion made to charge a 10% fee of sales price for non-members using our “Items for Sale Web Page”. Discussion including that a set fee up front is more realistic. The Motion was tabled after the board members expressed various concerns and no agreement to move forward.

- Motion made to change the date of the June General meeting to Friday June 14th since Field Day falls on the fourth full-weekend of June, and the General Meeting would conflict with the original General meeting date. Motion carried. Ken W6HHC volunteered to contact Jeff KK6YUP to make the change official on Red Cross room reservations.

Good of the Club

Ken W6HHC noted that at a recent emergency event an individual had a very nice battery box setup. Ken said it had all the bells and whistles. Without the battery it is in the \$160 range.

Winlink email address for June Field Day should be set up for messaging points.

Adjournment occurred around 10:10 am.

OCARC General Meeting Minutes In-Person & by ZOOM 2024-01-19

General Meeting January 19th, 2024

President Nicholas Haban, AF6CF start the meeting promptly and proceeded with the Pledge of Allegiance followed by guest and visitor introductions.

Our VP Janet KL7MF was called forward and greeted the membership warmly on a cold evening. She then asked Arnie N6HC to introduce the evening's speaker since Arnie was instrumental in arranging this evening's speaker, Charlie Spetnagel, W6KK to speak about the Swains Island DX-pedition (2012).

Swains Island is in the middle of the tropics on a private island that is run by a concessionary. The island is about 250 miles from Pago Pago, American Samoa. In addition to Amateur Radio operations people visit the island for fishing and diving. Accommodation is basic tents; however, the cooking staff keeps everybody well fed and as comfortable as can be on an island subject to temperatures of 104 degrees and high humidity during the day.

Operating conditions were successful with over 105,000 contacts made over the 10-day stay.



(January 19th, 2024 General Meeting minutes continued)

Report on Board Meeting to members. A majority of board members were in attendance.

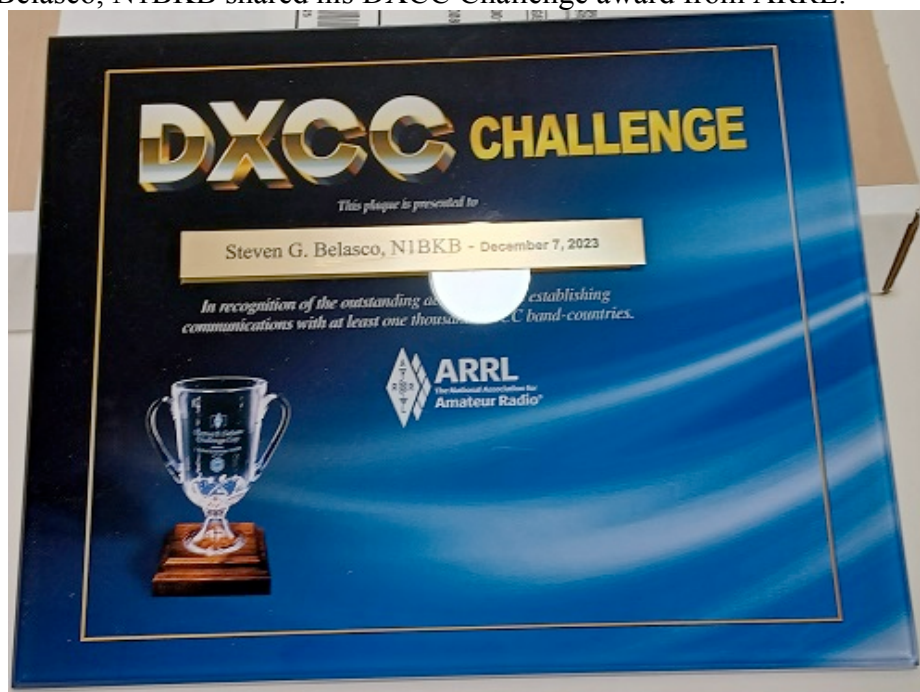
The club's Bank has required that an amendment be approved stating which officers should be included on the bank records as authorized to sign checks on behalf of the club. The formal amendment was read before the club members voted on and approved. The President, Vice President and Treasurer will make an appointment with our bank so that the authorized changes can be processed.

Winter Field Day Chairman Ron W6WG announced the plans for equipment pickup and setup as well as operations during the Winter Field Day weekend.

Nicholas made an appeal for a volunteer to step forward to serve as the 2024 Activities Director.

Show & Tell: Nicholas demonstrated an earthquake detector instrument that he made with a geophone. It is an analogue instrument with a mounted wire coil moving past a magnet. When the movement is sufficient the circuit is completed, and an alarm is triggered.

Club Member Steve Belasco, N1BKB shared his DXCC Challenge award from ARRL.



Great job, Steve!

Janet KL7MF outlines our upcoming presenters.

Historian Report, Corey KE6YHX – reports that our web site was backed-up on January 3rd. As more space is needed for backup the Corey asked the Board to approve the purchase of two 512GB San Disk Flash drives. The cost of these items would be \$74.24. A motion was made, discussed, voted on and approved.

Treasurer report - Membership renewals are being accepted currently. Also, US Postage is increasing on January 21st. Last opportunity to pickup Forever Stamps before the increase. VHF contest on January 20th.

The meeting was adjourned at this point.

Submitted by Tim N6TMT, OCARC Secretary



OCARC Financial Audit Report 2023

1/17/24 Rev 2 Final

INFLOWS	
Auction In	1,765.00
Badge Income	7.00
Badge Income (PayPal)	3.00
Christmas - Opportunity Drawing	470.00
Christmas Dinner Ticket Sales	900.80
Donation	2,240.00
Donations - FD	30.00
Donations - FD Food	590.00
Dues, Membership (PayPal) 2023	1,410.00
Dues, Membership (Paypal) 2024	675.00
Dues, Membership 2023	697.50
Dues, Membership 2024	60.00
Food Snacks Donations	213.00
Opportunity Drawing -Monthly	418.00
TOTAL INFLOWS	9,479.30

OUTFLOWS	
Accounting Software License	59.88
Anniversary Party Food	207.80
Auction Payout	918.90
Christmas Drawing Prizes	502.72
Christmas Party Expense	1,675.23
Field Day - Propane	38.66
Field Day Food	875.31
Field Day Rental - Tent	215.00
Guest Speaker Meal - Exp	196.52
Historian Expenses	289.33
Insurance Expense for 2024	300.00
Opportunity Drwg - Monthly Exp	348.37
PayPal Fee	135.80
PO Box Rental	166.00
Propane Tank	61.30
Refreshments Expense	84.82
Secretary of State	5.00
Storage of Equipment - Ann Millard	500.00
Web Site Hosting	304.61
WFD - Propane	47.39
WFD Flowers	30.00
WFD Rental - Tent	150.00
ZOOM subscription	104.93
TOTAL OUTFLOWS	7,217.57

QUICKEN NET CHANGE **2,261.73**

Assets Beginning Balance 1/1/23

Wells Fargo	\$ 7,998.76
Cash	\$ -
Paypal	\$ 500.00
Outstanding Checks	\$ (4.50)

Beginning net balance **\$ 8,494.26**

Assets Ending Balance 12/31/23

Wells Fargo	\$ 11,885.02
Cash	\$ 137.00
Paypal	\$ 618.98
Outstanding Checks	\$ (1,885.01)

Ending net balance **\$ 10,755.99**

Asset Net Change for 2023 **\$ 2,261.73**

Audit Acceptance:

Ken Konechy

 Ken Konechy W6HHC, Director at Large

Robert Eckweiler

 Bob Eckweiler, AF6C, Trustee

Tim Millard

 Tim Millard, N6TMT, Secretary

Timothy Goepfinger

 Tim Goepfinger, N6GP Treasurer

Date Signed *17 Jan 24*

The ORANGE COUNTY AMATEUR RADIO CLUB, INC.
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P.O. BOX 3454
TUSTIN, CA 92781-3454



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