



# RF



ORANGE COUNTY AMATEUR RADIO CLUB, INC.

VOL. LXIII NO. 08

TUSTIN, CA 92781

August 2022

## The Prez Sez...

By Nicholas AF6CF



August is here, and this means that there is less than a year to the next ARRL Summer Field Day. We hope that next year will be as fantastic as this one was, with our "back to normal" fully implemented. In the meantime, we have big plans for the rest of the year with the next meetings, the Club Auction in October and a couple of excellent speakers for this month, September and November meetings. Thanks to the generosity of its members, the Club did not lose too much money on the Field Day activity as expected. And we had a great score, too.

The Board of Directors has appointed an Elections Nomination Committee to gather candidates for next year's Board. Because of the pandemic, all directors remained in their positions for the current year. This means that all of us are "termed out" and now is the opportunity for you to get a position on the Board. Please consider helping the Club by serving in a position. Just contact any of us if you are interested. The Elections Committee will be contacting member as well to fill the elections slate. The word is that the Directors want "new blood" for next year. Mark your calendars for the Christmas Party on December 9<sup>th</sup>. As usual, I look forward to an eyeball contact with you all at the next General Meeting.

73 DE AF6CF

## NEXT GENERAL MEETING

August 19th, 2022 at 7PM

**IN PERSON** at the

**American Red Cross**

**Orange County Chapter,**

**Santa Ana, Room 208\***

**Speaker:**

**Chris Claborne, N1CLC**

**Presents:**

**Summits On The Air  
(SOTA) What its all about**

**NEXT BOARD MEETING**

**Saturday, September 3, 2022**

## SPECIAL NOTICE:

**ALL OCARC Nets Remain Active!**

**\*Presentation also available on  
Zoom for those who cannot  
attend in person.**

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**2022 Club Appointments:****W6ZE Club License Trustee:**

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**Monthly Events:****Membership Meetings\***

Time: 7:00 PM  
When: 3<sup>rd</sup> Friday of each Month  
Red Cross Orange County, Room 208  
600 N Parkcenter Dr, Santa Ana  
\*See ZOOM announcement pg. 1

**Board Meetings**

September 03 at 8:15 AM  
Board will handle Club business by  
IN-PERSON and ZOOM. See page 13

**OCARC Auction**

See Announcements in Newsletter

**Club Nets (Listen for W6ZE):****10M: 28.375 ± MHz SSB**

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

**2M: 146.55 MHz Simplex FM**

Wed- 8:30 PM - 9:00 PM  
Net Control: Corey, KE6YHX

**75M 3.883 MHz LSB**

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

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

**OCARC 2022 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 Badges: \$ 3.  
Use one of our interactive online forms to calculate current prices, join the club and/or order badges:

**Online Forms / Dues & Badges**

\$3. plus mailing costs if applicable  
Dues are subject to change without notice



**GENERAL MEMBERSHIP**  
**LIVE & IN-PERSON MEETING\***  
**August 19, 2022 at 19:00 Hrs**  
*\*also available by  zoom*

**COME JOIN US AT THE**  
**American Red Cross**

**600 Parkcenter Drive**  
**Santa Ana, CA 92705**  
**George M. Chitty Building**  
**2nd Story, Room 208**



**Masks are required for the unvaccinated.**  
*Please come before 7:00 PM, as the door locks automatically to entry at that time.*

Graphic by Tom W6ETC

**August Speaker Spotlight: Chris Claborne N1CLC**  
**Plus**  
**Southern California Summits On The Air (SOTA) Links**



Chris N1CLC has only been a ham for about 5 years. But in that short time he has accomplished what many of us take decades to do. He has been all over California and Arizona activating SOTA summits, and one of his latest was Cerro Trigo in a remote area of eastern Arizona on July 9<sup>th</sup>. He is a big fan of CW, as he finds it an efficient way to make contacts from the mountaintops. He sometimes uses a Ninja e-bike to get to the summits. His website is his callsign [www.n1clc.com](http://www.n1clc.com)

Professionally, Chris has been in the world of IT for over 28 years for many Fortune 500 companies, and is currently with Qualcomm. His specialty is cloud computing, and writes a blog on that subject at <http://cloudrant.com/>. He has many other interests, including photography, coaching soccer, and has coached for a Science Olympiad.



### **Summits On The Air Links:**

The founding SOTA Programme in the UK  
<https://www.sota.org.uk/>

California SOTA Summits On The Air  
<https://w6-sota.org/>

Southern California SOTA Groups.io Group  
<https://groups.io/g/socalsota>

**I WANT  
YOU  
AT THE  
OCARC  
OCTOBER  
AUCTION**



**OCARC OCTOBER 21st AUCTION**  
**go to [www.w6ze.org](http://www.w6ze.org)**  
**FOR MORE INFORMATION**

by W6ETC

## **NEW OCARC Member Q&A**

The OCARC New Member Q&A is a new feature to help introduce our newer members, learn about how they got interested in amateur radio, why they joined OCARC and what their interests are as an amateur operator.

This month we “interview” Neil, N6VHF.

### **Can you tell us something about yourself?**

*My name is Neil Armstrong Jessen. I was born the same day Astronaut Neil Armstrong walked on the moon. My parents decided to name me after him. I have a 15-year-old son and I live with my fiancé in Chino. I have worked for the County of Orange for over 22 years and manage our County-Wide Surplus Program. When I have free time, I like to spend it in the eastern Sierra area (Bishop, Mammoth, Bridgeport).*



### **How did you become interested in amateur radio?**

*My parents gave me a police scanner when I was about 5 or 6 years old, got a few walkie-talkies and that began my interest in the magic of radio. I was fortunate that my dad had a CB radio in his pickup which towed a travel trailer. I have been around radios and interested in propagation for most of my life. At around age 16-17, I had a close friend who was a ham operator, and I would go to his home and listen to him work HF DX. That's when I knew that I had to get my Amateur radio license. I began studying CW and theory and received my Novice license at the early age of 17.*

### **What has been your amateur radio involvement so far?**

*Ham Radio has been such a fun "hobby" for me. Over the years I have dabbled in many different areas of this fascinating hobby, and I especially enjoy contesting and working DX. I am sitting at 300 confirmed DXCC (QSO's) but haven't worked DX at home since I relocated because of the HOA CC&R's which don't allow external antennas. I hope someday soon to be able to remedy this situation when I retire or if I ever relocate into an area without an HOA. Also I was involved in Amateur Satellites, like working Oscar's 10 & 13, as well as several of the Russian LEO satellites and into packet radio back in the day. I have done a LOT of VHF/UHF contesting and came in 2nd place in the Nation as a Rover in one of the ARRL contests.*

(Continued from page 6)

*Currently I hold an Advanced Class license and really have no intention of upgrading to Extra Class. With that said I like the nostalgia of having a license that is no longer issued. Besides, the amount of spectrum I'd get for upgrading really isn't worth it to me.*

**What equipment and antennas are you presently operating?**

*I relocated approximately 10 years ago to a home that is located in an HOA, and restrictions on external (ham) antennas and as a such I don't have a station like I had previously. I have installed a stealth random length wire that is carefully hidden on my patio which allows me to operate FT8.*

*I have also been playing around with DMR and operating on VHF/UHF including some of the local repeaters with my Anytone HT. I also own a few Kenwood radios that are on the 900 MHz (33-centimeter) ham bands. I use my old FT-847 to work HF and 6 meters and have an old FT-100D and an ATAS-120 that I can use in the car.*

**Describe your current and future interests in amateur radio.**

*Currently my interests are in the amateur microwave bands. I have finally put together a decent 10 GHz microwave station and have been having a blast with it. Every time I take my radio and operate this band I am amazed at the unique and exciting propagation opportunities. For example, a few weeks ago, I easily worked my friend Pat (N6RMJ) from my house in Chino to his house in Bullhead City, Arizona. We were using the monsoons and bouncing our signals off the rain clouds. Yeah, that's approximately 200 miles, with both stations at ground level (not on a hilltops) and I was only running 2.5 watts. Yep, 2 ½ watts. Wow! In addition, we have also successfully completed that same distance using aircraft scatter (bouncing signals off airplanes).*

*I am just getting started on microwave and can't wait to make more exciting firsts on the 10 GHz band. When I retire, I hope to purchase a nice piece of real estate so I can put up a decent HF station. Once that happens, I can begin working on obtaining DXCC Honor Roll and hopefully the DXCC #1 Honor Roll. Maybe by then, there will be someone active from P5? It's probably not going to happen but we can always dream!*

**7 3, Neil N6VHF**



## UPCOMING ACTIVITIES

### August

- **ARRL 10 GHz and Up Contest:** 0600 Local Saturday August 20 through 2359 Local Sunday August 21.
- **North American QSO Party, SSB:** 1800 UTC Saturday August 20 through 0559 UTC Sunday August 21.
- **Run for the Bacon QRP Contest:** 2300 UTC Sunday August 21 to 0100 UTC Monday August 22.
- **W/VE Islands QSO Party:** 1200 UTC Saturday August 27 through 0300 UTC Sunday August 28.
- **World Wide Digi DX Contest:** 1200 UTC Saturday August 27 through 1200 UTC Sunday August 28.

### September

- **WAE DX Contest, SSB:** 0000 UTC Saturday Sept. 10 through 2359 UTC Monday Sept. 11.
- **ARRL September VHF Contest:** 1800 UTC Saturday August 10 through 0300 UTC Monday September 12.
- **North American Sprint, CW:** 0000 UTC to 0400 UTC Sunday September 11.
- **ARRL 10 GHz and Up Contest:** 0600 Local Saturday August 18 through 2359 Local Sunday August 19
- **North America Sprint, RTTY:** 0000 UTC through 0400 UTC Sunday Sept. 19.

\* Indicates club entries are accepted

\*\* Indicates team entries are accepted

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

### October

#### • California QSO Party

1600 UTC Oct. 1 through  
2200 UTC Sunday Oct. 2.

**Note: When submitting logs for CQP indicate your club affiliation as "Orange County ARC"**

#### State QSO Parties:

- **Maryland-DC QSO Party:** 1400 UTC Saturday August 13 through 0400 UTC Sunday August 14.
- **Hawaii QSO Party:** 0400 UTC Saturday August 27 through 0400 UTC Monday August 29.
- **Ohio QSO Party:** 1600 UTC Saturday August 27 through 0400 UTC Sunday August 28.
- **Kansas QSO Party:** 1400 UTC Saturday August 27 through 0200 UTC Sunday August 28 and 1400 UTC through 2000 UTC August 28.
- **Colorado QSO Party:** 1300 UTC Saturday Sept. 3 through 0400 UTC Sunday Sept. 4.
- **Tennessee QSO Party:** 1800 UTC Sunday Sept. 4 through 0300 UTC Monday Sept. 5.
- **Alabama QSO Party:** 1500 UTC Saturday Sept. 10 through 0300 UTC Sunday Sept. 11.

#### Repeating Activities:

- **Phone Fry** Every Tuesday night at 0230 UTC to 0300 UTC Wednesday
- **SKCC** Weekend Sprintathon (Straight Key CW) on the first weekend of the month after the 6<sup>TH</sup> of the month. 1200 Sat. to 2359Z Sunday

### RadioActivity 'Repeating Activities' Continued:

- **SKCC Sprint** (Straight Key CW) 0000Z to 0200Z on the 4<sup>th</sup> 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
- **K1USN Slow Speed Test:** (CW, 20WPM Max.) Every Friday 2000 UTC to 2100 UTC Every Sunday night at 0000 UTC to 0100 UTC Monday
- **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

### 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

Do you have a favorite ham radio related activity that you would like to see included into the RadioActivity lineup? Send an email to *Ron W6WG*, [w6wg@w6ze.org](mailto:w6wg@w6ze.org) with your comments and suggestions?

### Other Nets:



**Net@Catalina**  
AMATEUR RADIO WELLNESS & SUPPORT  
**Amateur Repeater Association**  
**COME JOIN US**  
9 AM & 9 PM Monday – Friday on CARA Repeaters:  
2M: 147.090 MHz (+0.600 MHz) No PL and  
1.25M: 224.420 MHz (-1.600 MHz) PL 110.9 repeaters.  
Also available on EchoLink node \*CATALINA\*



*Behind the scenes:  
July Board of Directors Meeting at W6ETC QTH*





## California QSO Party October 1<sup>st</sup> and 2<sup>nd</sup>, 2022

Following another successful Winter Field Day and an enjoyable ARRL Field Day, it's time to make a concerted effort for one of the most prestigious and anticipated State QSO Parties.

**The California QSO Party (CQP)** is *held the first weekend of October*.

**It gives California Amateur radio operators and the OCARC members a unique opportunity to become the station that the rest of the country wants to get into their QSO logs!**

Modes include CW, Phone. Bands: 160, 80, 40, 20, 15, & 10m.

Did you know that you can share your QSO points with the OCARC. All that's necessary is to include the "Orange County Amateur Radio Club" as your Club affiliation when you submit your log.

Visit the CQP website at <https://www.cqp.org/Rules.html> for additional information on rules, including dates and times, objectives, and scoring.

If you're planning to participate in the CQP, would you drop an email to Ron Mudry W6WG the OCARC Activities Director: [w6wg@w6ze.org](mailto:w6wg@w6ze.org)

73,

Ron

### CLUB COMPETITION POINTS!!!!!!

10,000 POINTS FOR **EACH** LOG ENTRY

50,000 POINTS FOR EVERY COUNTY EXPEDITION

50,000 POINTS FOR EVERY MOBILE (3 COUNTY MIN.)

50,000 POINTS FOR AT LEAST ONE S/O YL  
LOG ENTRY

50,000 POINTS FOR AT LEAST ONE YOUTH S/O  
LOG ENTRY

50,000 POINTS FOR AT LEAST ONE NEW CONTESTER  
LOG ENTRY

## OCARC BOARD MEETING MINUTES 2022-08-06

The eighth Board Meeting of the year was in-person, on Saturday, August 6, 2022, at Tom W6ETC's QTH in Tustin, with Zoom for those who cannot attend. The meeting was called to order by club president, Nicholas Haban AF6CF at 8:20 AM PDT. Nine (9) directors were present for a quorum, including two (2) who attended by Zoom. Director-at-Large Dan KI6X was absent. We had one visitor, Jim KB6TKA. There were eighteen (18) topics brought to the board this morning, including three (3) Director Reports and fifteen (15) agenda items. One (1) motion was carried, adjournment.



Image above: OCARC Board of Directors Meeting July 2<sup>nd</sup>, 2022 at W6ETC QTH

### Director Reports

Nicholas AF6CF calls for director reports.

**-Treasurer:** Ken W6HHC reports our income since the beginning of the year totals \$3,654. We have outflows totaling \$2,436, for a net increase of \$1,217 [see page 16 - editor]. Our checking account has about \$7,300, and our PayPal account has \$827, totaling about \$8,100.

**-Publicity:** Tom W6ETC received a used Keurig V600 coffee maker as a donation to the club.

**-Membership:** Bob AF6C reports the membership is at 101 and one person has submitted a membership form yet to be counted. We had an inquiry for licensing.

### Old Business

#### •Newsletter Editors

August: Tim G. N6GP

September: Tim M. N6TMT

October: Corey KE6YHX

November: —open to volunteers—



Two board members attended via Zoom

### •General Meeting Programs

August: Chris N1CLC presents "Summits On The Air"  
September: Edison Fong WB6IQN presents: "J-Pole Antennas"  
October: Club Auction (see announcement page 5)  
November: Kevin Zanjani will present "LiFePO<sub>4</sub> Batteries"

### •PayPal Account Ownership

This item is tabled for September.

### •Old Generator Plans

Bob AF6C reports the generator's fuel leak is fixed. The next task is to change the oil, and it will be ready to test-run. The plan is to first offer it to members at a discount, then to post it publicly.

### •Equipment Donations

-Nicholas AF6CF reports we have many donations.

•1,200 Radio Tubes: We need transport, storage, and a way to sell or otherwise offload. There are several sales options to consider, and the Board agrees to accept the tubes.

### •In-Person Board Meetings

Morning restaurant locations are considered, and we have a good option in Orange. Polly's on Tustin St. is a potential location for the September 10<sup>th</sup> Board Meeting.

### •Christmas Party Plans

Ron W6WG reports the Christmas Party is reserved for Friday, December 9<sup>th</sup>, at Mimi's Cafe. The Board considers menu options, and we will decide a price for each attendee in September.

### •Opportunity Drawings

Ron W6WG reports the July opportunity drawing had a loss of \$40, but this is acceptable. The Board agreed at the July 2<sup>nd</sup> Board Meeting that we will hold at least four opportunity drawings per year, and it is scheduled for September and November. There are some possible prizes proposed by the Board members. Tim G. N6GP is authorized to buy a dual-band J-Pole from Ed's Antennas for the September opportunity drawing.

**New Business****•Food and Water at ARC**

Our American Red Cross contact tells us the bottled water in the meeting room was not intended for our group. The Board will bring our own water with coffee as an option.

**•October Annual Auction**

The Club Auction is planned for the October General Meeting date. An auctioneer, some auctioneer helpers, the treasurer, and a treasurer helper are needed. Chip K7JA accepted the auctioneer position, Nicholas AF6CF, Ron W6WG, Bob AF6C will be his helpers, Ken W6HHC will be managing the finances, and Corey KE6YHX and Greg W6ATB are considered as a treasurer helper. We need some publicity for the auction.

**•CQP “California QSO Party”**

Ron W6WG is promoting this, and an article in the RF Newsletter and on the web site is needed. A link to the rules is recommended, and we need some new testers for the high-point bonuses. The CQP is scheduled for October 1-2, 2022.

**•Tower and Other Donations**

We still have the donated tower being held on one of Gene's KJ6OML trailers. It needs to be advertised on our web site and in the August RF Newsletter. The middle section has a modification that needs to be documented. Ron W6WG and Tim G. N6GP will advertise it as \$150 OBO.

**•Election Nominations Committee**

The following accept these positions:

- Nicholas AF6CF
- Tim M. N6TMT
- Bob AF6C

-Board nominations are polled from the Board members:

- Bob AF6C: Technical Chairman
- Corey KE6YHX: Membership Chairman
- Tim M. N6TMT: Secretary
- Ron W6WG: Publicity Chairman
- Tim G. N6GP: Director-at-Large
- Nicholas AF6CF: Director-at-Large

**Good of the Club**

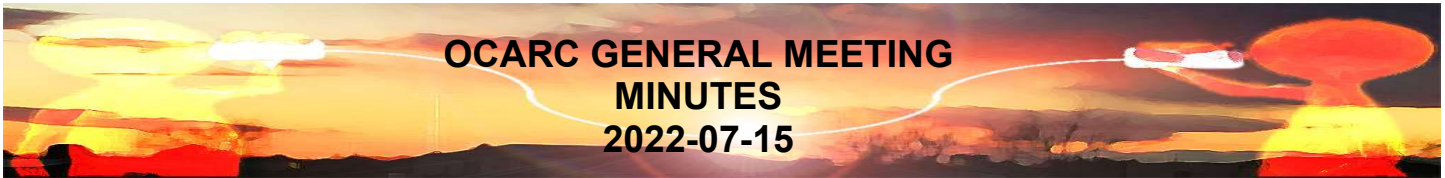
-Historian Report: Corey KE6YHX reports the club web site has been downloaded on July 30-31, 2022, and is archived to a .zip file. There are 8,491 files for an uncompressed size of 3.8GB(4.06GB decimal), and a compressed size of 3.44GB (3.70GB decimal).

-Bob AF6C reports Julian Frost N3JF provided an excellent video about W6ZE Field Day 2022 for the front page of our web site. Thank you Julian, and thank you Bob.

**Adjournment**

A motion to adjourn is made, seconded, and carried at 10:16 AM PDT.

--Respectfully submitted by Corey KE6YHX, OCARC Secretary



The seventh General Meeting of the year, and the second in-person General Meeting since the pandemic, was on Friday, July 15, 2022, at the American Red Cross in Santa Ana, with Zoom for those who cannot attend. The meeting was called to order by club president, Nicholas Haban AF6CF at 7:03 PM PDT. There were thirty-five (35) members, guests and visitors present, with twenty-six (26) in-person including our speaker, and nine (9) by Zoom.

### **Pledge of Allegiance**

Nicholas AF6CF plays our National Anthem in honor of Independence Day this month.

### **Introductions**

Nicholas AF6CF starts the attendee introductions. All thirty-five members and visitors introduce themselves.

### **Member and Visitor Stories**

Nicholas AF6CF calls for Ham Radio stories from the attendees. Seven (7) members, Doug Wood K6PGH, Bob Eckweiler AF6C, Steve Belasco N1BKB, Frank Mendoza KM6ZSP, Ken Konechy W6HHC, a new member, Shantanu Shaligram KM6VBD, and Dan Violette KI6X tell us about how they became Hams.

### **Meeting Presentation**

Nicholas AF6CF begins the meeting presentation, "Portable Power."



Members and visitors enjoying the talk on portable power by Nicholas, AF6CF



Nicholas AF6CF demonstrating the features of his portable battery box.

### **Ham Radio Discussion**

The presentation transitions to Ham Radio in general. Nicholas tells us a story about Ham Radio beginning with the first Field Day after the Long Beach 6.4 Mw earthquake on March 10, 1933. The discussion concludes with licensing and study resources.

### **Recess**

Nicholas AF6CF calls a recess at 8:24 PM PDT.

**Business Meeting**

Club president, Nicholas AF6CF starts the business meeting at 8:40 PM PDT.

All ten (10) board members are present for a quorum. Seven (7) topics were brought to the board tonight, including seven (7) Director Reports and no general discussions. One (1) motion was carried, adjournment.

**•Director Reports**

Nicholas AF6CF starts the Director Reports.

**-President:** Nicholas AF6CF reports we had a very good Field Day.

**-Vice President:** Tim G. N6GP echoes Nicholas' comment.

**-Treasurer:** Ken W6HHC refers us to the Treasurer's report in the July RF. As of the end of June, we have \$3,454 of inflows, and \$2,000 in expenses, for a net increase of \$1,454.

Our Field Day budget was \$600 excluding food, and we came in under budget. The food expenses ended up within \$20 of our donations for that purpose.

**-Technical:** Steve N1BKB asks the Board concerning the Kenwood TS-930S with its accessories. The Board says to advertise it at \$400 OBO.

**-Publicity:** Tom W6ETC reports we have the RF Newsletter for July on our web site, and reminds the members to let us know if you need to be added to the distribution list.

**-Membership:** Bob AF6C reports our membership is now at 101 members.

**-Director-at-Large-** Tim M. N6TMT repeats the president's sentiments regarding Field Day, and thanks Gene KJ6OML and some of the others for transporting equipment and other tasks.

Nicholas AF6CF thanks Tom W6ETC, Jeff KK6TRC, and Jim KB6TKA for their excellent job providing the food.

**Good of the Club/Ask the Elmer**

There are no items for the Good of the Club or Ask the Elmer.

**Adjournment**

A motion to adjourn was made, seconded and carried at 8:49 PM PDT.

--Respectfully submitted by Corey KE6YHX OCARC Secretary

## OCARC Cash Flow - Year to Date

1/1/2022 through 7/30/2022

Category	1/1/2022- 7/30/2022
<b>INFLOWS</b>	
Donations - FD Food	724.00
Dues, Family (PayPal)	128.82
Dues, Membership	360.00
Dues, Membership (PayPal)	2,283.04
Dues, Membership (PayPal) 2023	71.40
Opportunity Drawing -Monthly	87.00
<b>TOTAL INFLOWS</b>	<b>3,654.26</b>
<b>OUTFLOWS</b>	
Christmas Party- Deposit	300.00
Field Day - Propane	73.22
Field Day Equipment	20.00
Field Day Food	758.05
Field Day Rental - Tent	500.00
Opportunity Drwng Expenses	117.46
Publicity	37.64
Storage of Equipment - Ann Millard	250.00
Web Site Hosting	142.95
WFD	26.68
WFD - Food	17.90
WFD - Propane	43.06
WFD Rental - Tent	150.00
<b>TOTAL OUTFLOWS</b>	<b>2,436.96</b>
<b>OVERALL TOTAL</b>	<b>1,217.30</b>

*Submitted by Ken W6HHC, OCARC Treasurer*