



# RF



ORANGE COUNTY AMATEUR RADIO CLUB, INC.

VOL. LXVI NO. 5

PO Box 3454, Tustin, CA 92781

May 2025

## The Prez Sez... By Dan K16X



May 2025

You don't need to see my face again this month (don't know how Nicholas took a new picture each month - or maybe some were from his archives...) So, my picture this month, a "teaser" picture here of my main operating key and three more photos of the collection elsewhere, is a portion of my morse key collection. Many were inherited, some were collected, and some were bought. These are interesting items, and I have researched a few of them. Obvious "bugs", mostly Vibroplex with various designs (I never learned to use bugs), various straight keys (a couple that clamp to your leg, a couple that are sparkless with covers for flammable areas), paddles, etc. ' .

Some military, and I have one not in the pictures, which is a Navy WW II vintage bug with its case, the 'Spark' (military radio op) carried on/off ships with him. I have others still stored in a box or on another shelf (mostly my older purchases).

We are really gearing up for Field Day (set-up Friday, June 27, operating Sat-Sun, June 28-29). Speaking of CW, we need a few more ops on the CW station. We have some operator shortages this year due to various operators being unable to participate with us. Let Ron, W6WG, know if you want to operate anywhere (CW, Phone, FT8). He will let the station captains know for scheduling at the various stations. Also, if you want to make some contacts or know someone who does, we have a "Get On The Air - GOTA" station for those newly licensed or who have hardly operated on the air. The [W6ZE.ORG](http://W6ZE.ORG) website, Field Day section, should have the additional information you need. The location is in central Huntington Beach.

Continued on page 7

## NEXT GENERAL MEETING

**Tim Goeppinger**  
**N6GP**  
**presents**

**"Titan Missile Museum"**

**May 23<sup>rd</sup>, 2025, at 7pm**  
**at the**

**American Red**  
**Cross**

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

## NEXT BOARD MEETING

**Saturday, June 7<sup>th</sup>, 2025**

See [www.w6ze.org](http://www.w6ze.org) for more info

## In This Issue

The Prez Sez .....	1
Club Information .....	2
Speaker Spotlight .....	3
RadioActivity .....	4
Field Day .....	5-6
Cont.Prez Sez .....	7
OCARC Board Meeting Minutes .....	8
OCARC General Meeting Minutes .....	9
Puzzler Answer .....	10
Big Bear HamEscape.....	11-12
The Beginning of a Friendship .....	12
OCARC Cash Flow Report .....	13



### 2025 Board of Directors

#### President

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#### Treasurer

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#### Directors-at-Large

Janet Margelli, KL7MF  
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### 2025 Club Appointments

#### W6ZE Club License Trustee

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Bob Eckweiler, AF6C  
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#### Assistant Web Maintenance

Tim Millard, N6TMT  
(714) 744-8909  
[n6tmt@w6ze.org](mailto:n6tmt@w6ze.org)

#### HAM License Testing

(before regular meetings)  
Ken Simpson, W6KOS  
(714) 651-6535  
[w6kos@w6ze.org](mailto:w6kos@w6ze.org)

#### ARRL Awards Appointee

Arnie Shatz, N6HC  
(714) 573-2965  
[n6hc@w6ze.org](mailto:n6hc@w6ze.org)

### 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  
(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 2025 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<sup>1</sup> \$3

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

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

<sup>1</sup> \$3 or less + mailing. See form.

## May Speaker – Tim Goeppinger, N6GP

### Titan Missile Museum with Discone & Exploring 6 Meters



Writing a bio about myself is a little egotistical, but here goes.

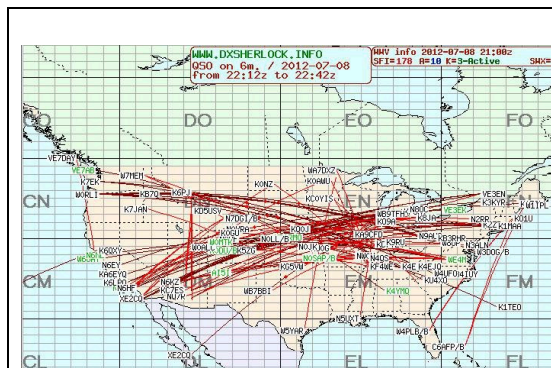
I was first licensed in 1976 with the novice callsign WN6OWD. I have held all five classes of licenses, finishing with Extra in 1987. My other calls were WB6OWD, K6GEP, and finally N6GP. I have been a member of OCARC since around 1988 and have served on the Board continuously since 2012.

I worked as a Software engineer for about 25 years at Northrop, Rockwell, and Boeing, and now provide IT support for a school and church.

I have tried many of the facets of ham radio over the years, including contesting, DXing, and public service. I helped do communications for the Rose Parade for about 15 years when that was going on. I have worked 322 of the possible 340 DXCC Countries. One of my passions since 2010 has

been participating in VHF contests as a rover. In 2011-12, some friends and I did two expeditions to Anacapa Island. I enjoyed the ARRL "National Parks On the Air" (NPOTA) year during 2016 and hope to get active on POTA.

This month, I will be giving two different 30-minute talks. The first one is timely because we are at the beginning of the Sporadic E 6 Meter summer season. You will learn how easy it is to get on 6m and how you can make QSOs on 6m. Second will be an interesting, but sobering, topic of the Titan Missile Museum in southeastern Arizona. The highlight will be my discussion of the Collins Discone antenna, which is there for all visiting hams to use.





## RadioActivity

### May 2025

#### Upcoming Activities:

##### May

- **His Maj. King of Spain Contest:**, CW 1200 UTC Saturday May 17 through 1200 UTC Sunday May 18
- **Baltic Contest:** 2100 UTC Saturday May 17 through 0200 UTC Sunday May 18
- **\*CQ World Wide WPX Contest/CW:** 0000 UTC Sat., May 24 till 2359 UTC Sunday May 25

##### June

- **\* \*\*ARRL International Digital Contest:** 1800 UTC June 1 through 2359 UTC Sat., June 2
- **ARRL International Digital Contest:** 1800 UTC Saturday June 7 through 2400 UTC Sunday June 8
- **Asia-Pacific Sprint SSB:** 1100 – 1300 UTC Saturday June 14
- **\*ARRL June VHF Contest:** 1800 UTC Saturday June 14 through 0259 UTC Sunday June 15.
- **ARRL Kids Day:** 1800 UTC through 2359 UTC Saturday June 21
- **Field Day:** 1800 UTC Saturday June 28 through 2100 UTC Sunday June 29.

\* Indicates club entries are accepted

\*\* Indicates team entries are accepted

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

#### State QSO Parties:

- **Indiana QSO Party:** 1500 UTC Saturday May 3 to 0300 UTC Sunday May 4
- **Delaware QSO Party:** 1700 UTC Saturday May 3 to 2359 UTC Sunday May 4
- **New England QSO Party:** 2000 UTC Saturday May 3 to 0500 UTC Sunday May 4 and 1300 UTC Sunday May 4 to 2400 UTC Sunday May 5

#### Other Links:

[ARRL Contest Calendar](#)  
[VOACAP Online for Ham Radio](#)

- **Arkansas QSO Party:** 1400 UTC May 17 to 0200 UTC Saturday May 18
- **Kentucky QSO Party:** 1300 UTC Saturday June 7 to 0100 UTC Sunday June 8
- **West Virginia QSO Party:** 1600 UTC Saturday June 21 to 0400 UTC Sunday June 22

#### Repeating Activities:

- **Phone Fray** 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.
- **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, 25 WPM Max.) Every Monday 1300 UTC to 1400 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

#### Other Nets:

- **Net-AT-9:** Wellness & Support Monday thru Friday 9:00 am and 9:00 pm Local Time 147.090 MHz (+600 MHz) No PL

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

# ARRL FIELD DAY



[www.arrl.org](http://www.arrl.org)



**Where ???** Spring View MS at 16662 Trudy Lane, Huntington Beach, CA  
**When ???** June 28 & 29 (Setup is on June 27 and everyone is invited)

# 2025 Field Day Plans as of May 13

## Class 5A

**HF Bands** 2m, 10m, 15m, 20m, 40m

**Modes** SSB, CW, FT8, FM, SAT

## Towers, Masts and Antennas

**Tower #1** – 50' tower with Tri-bander and 2 ele. 40m Wire Yagi

**Tower #2** – 50' tower with 3 ele 20m Yagi

**Military Mast** – 15m Moxon

**Military Mast** – 3 ele 10m Yagi **Military Mast** – 3 ele 10m Yagi

**Military Mast** – 2m Vertical

**Masts (3)** – 40m Wire Yagi

## Tent #1

**Station #1** CW 10m & 20m

**Station #2** CW 15m & 40m

**Station #3** FT8 on bands not used by Stations #1 or #2

## Tent #2

**Station #4** SSB 10m, 15m, 40m

**Station #5** SSB 20m

**GOTA** 2m FM and SSB bands not used by Stations #4

## Satellite

**Handheld Yagi and HT**

## Station Captains

**Station #1** Tim N6GP,

**Station #3** Milt N6MG,

**Station #5** Dan KI6X,

**Station #2** \_\_\_\_\_,

**Station #4** Ron W6WG,

**GOTA** \_\_\_\_\_

Please email Ron W6WG at [w6wg@w6ze.org](mailto:w6wg@w6ze.org) if you have any questions or suggestions.

## Prez Sez continued from Page 1



That should get you up to date this month. I will keep this short, so my pictures are worth the extra words. It is an interesting collection of CW keys/paddles. There is even a limited-edition replica of the key from the Titanic (one inside the cardboard box, which includes a letter of authenticity).

Dan Violette, KI6X  
President



**-- FOR SALE --**

See the updates in the For Sale section of the website: [OCARC For Sale Page](https://www.w6ze.org/for-sale/)  
- also in the menu on the home page of W6ZE.ORG -

**-- FOR SALE --**

**May 3, 2025 OCARC Board Meeting****OCARC Board Meeting Minutes for May 3, 2025**

The OCARC board meeting was held at the Streamliner Lounge, 186 N. Atchison St. Orange, and President Dan Violette KI6X called it to order.

A quorum of Board members was present.

**Directors Report**

Treasurer Report: Tim N6TMT reports that the cash flow/ income at the end of April was \$1,382. About \$4500 is in checking, and about \$1800 is in PayPal. Total funds are about \$13,000, with the cash box having about \$552.

Membership Report: Ron W6WG reports that we have 101 members, with 3 Honorary members.

Activities Report: Corey KE6YHX reports he will follow up with Mimi's restaurant in June to confirm plans for the Christmas Party.

Publicity Report: Dan reports he has updated the OCARC W6ZE about our Field Day and has asked AJ W6OTO to update the ARRL web info of our Field Day as well, and any social media posts he can think of.

VE sessions for amateur radio licensing continue at 5:30 p.m. prior to our monthly club meetings under the guidance of Ken W6KOS.

**Club Monthly Planner Review**

Tim N6TMT verified that the Treasurer File IRS form 990-N and CA FTB 199N have been updated. The first reminder on the Monthly Planner will be moved up a month.

Ron W6WG has sent information on our summer field day to all members. To discuss plans, Ron will have a Zoom meeting on May 13.

**Old Business**

Newsletter Editors Report

May: Tim N6TMT, June: AJ W6OTO, July: Nicholas AF6CF, August: TBD, Sept: Ron, W6WG

Speakers/Entertainment

May: Discone @ Titan Missile Museum

June: Field Day preparation presentations

July: HR Crash Course by KI6NAZ

Field Day 2025 status: Ron W6WG plans to have a Zoom meeting on May 13 to discuss plans. A budget of not exceeding \$750 was set. The meals needed for the FD were also discussed. Our club meeting in June will be devoted to further planning.

PayPal accounts were discussed, and Tim N6TMT is planning to move money from PayPal to our checking account.

**New Business**

President Dan KI6X proposed that when we have a Zoom speaker, we should open this to all members on Zoom. All agreed to send out a link for members to join the Zoom presentation.

**Good of the Club**

Director-at-Large Janet KL7MF reports that she attended the ham fest in Big Bear called "Big Bear Ham Escape," which was very interesting, with 600+ attendees.

Tim N6GP reports that a memorial service for Wayne N6NB is planned, but it may be a day or so before our FD weekend.



An adjournment was voted on and agreed at 9:47 am.

Submitted by Joyce KN6UKJ.

### General Meeting April 25 2025

The meeting began with the Pledge of Allegiance.

Everyone in attendance took a moment to introduce themselves.

Dan KI6X President introduced tonight's speaker via Zoom, Dennis Kidder, W6DQ, who is a retired system engineer from the aerospace industry. He presented a very interesting program regarding "What is Radio Astronomy" and detailed how amateur radio could be involved.

Dennis sent a list of resources:

#### Visits to local observatories

- OVRO hosts visitors-[www.ovro.caltech.edu](http://www.ovro.caltech.edu)- operated by Cal Tech
- Located 250 miles north of Los Angeles on 395
- VLA at Socorro, NM-[www.nrao.edu](http://www.nrao.edu)
- More adventurous see: Green Bank, WVA (Google Search)
- PICTOR: pictortelescope.com (on-line data source you select what you want)
- Radio Jove: radiojove.gsfc.nasa.gov
- Check out SARA: Society of Amateur Radio Astronomers-[www.radio-astronomy.org](http://www.radio-astronomy.org)
- BAMBI: Bob and Mike's Big Investment- Bambi.net

#### Suppliers of Radio Telescope

- <https://www.radio2space.com/>- Complete systems, LNAs, Feeds, receivers & downconverters.
- <https://www.radioastronomysupplies.com>- no longer available. Do a Google search.
- <https://vhfdesign.com/>- 21cm LNAs(very good with low noise
- <https://nooelec.com>- 21 cm LNA & SAW filter, SDRs
- Don't forget eBay: LNAs, Software Defined Receivers (SDRs) downconverters.
- Amazon! -LNAs for 21 cm, SDRs, Filters.

After a short break the meeting continued with club business.

### Business Meeting

A quorum of club members were in attendance.

- Tim N6TMT, Treasurer, reports income is good with \$1,295.16 at present time.
- Corey KE6YHX, Activities, reports he will be going to Mimi's restaurant to confirm reservations for our Christmas party. Corey continues to provide water, coffee and snacks. He provided an opportunity drawing tonight with interesting and fun items.
- Ron W6WG, Membership, reports we have new members, bringing the total up to 102, with another one pending payment at present time.
- Ron also reports that the Field Day site in HB has been secured with the insurance accepted.

### Ask the Elmer

"Ask the Elmer" was posed if anyone needed help as our members were ready and willing to help members and especially new hams. Minimal discussion.

**Show and Tell**

Charley KM6KCK brought a 1924 Crosby radio for show and tell.

**Good of the Club**

Ken W6KOS continues to offer VE testing before our monthly club meeting at 5:30. Several upgraded tonight. Ron W6WG and Joe KM6SVV both passed to become VEs and can help with testing as needed.

8:45 Motion to adjourn made, seconded, and passed.

Submitted by Joyce KN6UKJ.

**The Polynomial Puzzle:**

Can you simplify the following polynomial?

$$(x + a)(x - b)(x + c) \dots (x - z)$$

where  $a, \dots, m$  are odd integers between 1 and 50  
and  $n, \dots, z$  are even integers between 51 and 100.

Note that the sign alternates with each term!

**The Polynomial Puzzle  
Answer & Winner:**

The polynomial simplifies to '0', Zero, Nada....

All that talk about odd and even integers are just smoke and mirrors.

Look at the last three terms of the polynomial:

$$(x - x)(x + y)(x - z)$$

The 24th term  $(x - x)$  calculates to zero, thus the whole polynomial is zero since zero times any number is zero.

Of the multitude of replies sent to the RF Feedback email address, only one correct answer was received. **Congratulations goes to Fried Heyn - WA6WZO** who replied:

*Too easy for an old math teacher! When you get to  $\dots(x-x)\dots$  you have the final answer as well...zero! (•\_•)*

The Big Bear HamEscape is a page of history now, and an unqualified success for its organizers.



Three days of exciting activities, informative seminars, and fun-filled networking and socializing. Meet and greets with Gordon West, ARRL section managers from Orange, Arizona, and Nevada, ARRL SW Division Director Dick Norton, N6AA, and YLRL.

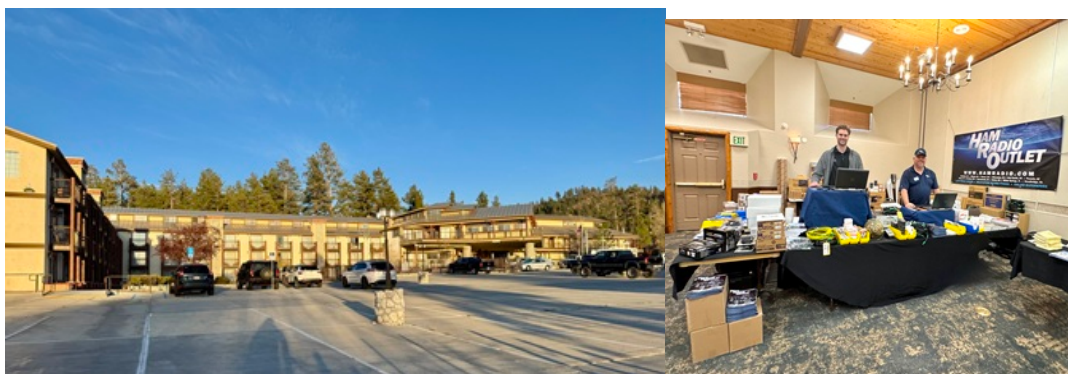
Located at The Holiday Inn Resort in Big Bear, the weather was cool but sunny on Friday, and light snow flurries started late Saturday. Sunday dawned dry and cold for the indoor swap meet.

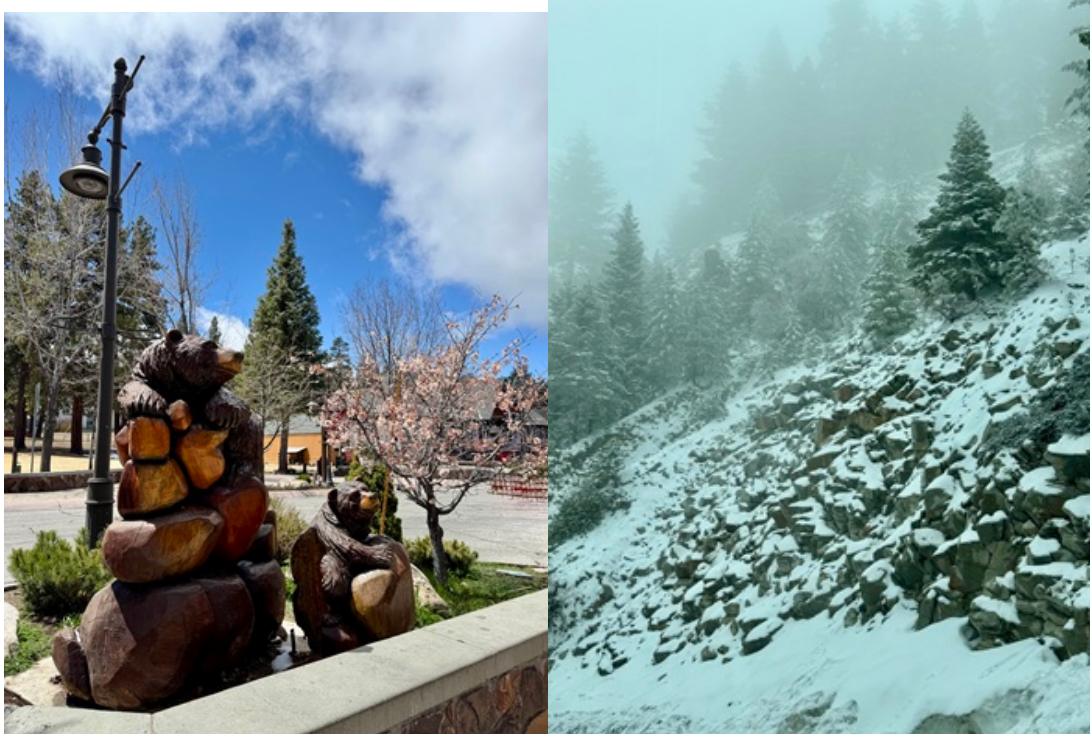
The vendors included 12-Volt Power, Comet Antennas, HRO, Bioenno, Impulse Electronics, Papa System, and more. Prize drawings were held in the seminar area and the Vendor room.

The Friday night banquet was a sellout, and the BBQ (chicken, pulled pork, or tri-tip) with baked beans, mac and cheese, salad, corn bread, and peach cobbler for dessert was delicious. Saturday's open buffet of doughnuts, pastries, and fruit drew quite the crowd. Final attendance peaked over 600 and might have approached 700 if the weather had been less threatening.

I, for one, had a delightful time, and I think, for the most part, everyone had a good time, with hopes of an even bigger and better event next year. Since hamfests are not routine here anymore, my hat's off to the organizers for a well-done effort with HamEscape. I also helped the Big Bear economy by sticking around, visiting The Village to shop, and delaying heading down the mountain until the roads cleared after 12PM. Sorry if you missed it, so keep an eye out for what might happen next year!

Janet Margelli, KL7MF





### Continuation of “The Beginning of a Friendship” A Mike and Carol Adventure (#1)

#### [Part I of III] “Gilbey’s Park”

Last month's RF included an exciting ham radio mystery adventure story, and the good news is that the story will continue in the coming months. If you haven't read this story, please see the April RF and know it will continue.

And if you do read it, I guarantee you'll learn something new about radio.

In the meantime, while we wait for the rest of the story to be published, you could check out Cynthia Wall's (KA7ITT) series of books.





Cash Flow - Year to Date

1/1/2025 through 4/30/2025

Category	1/1/2025-4/30/2025
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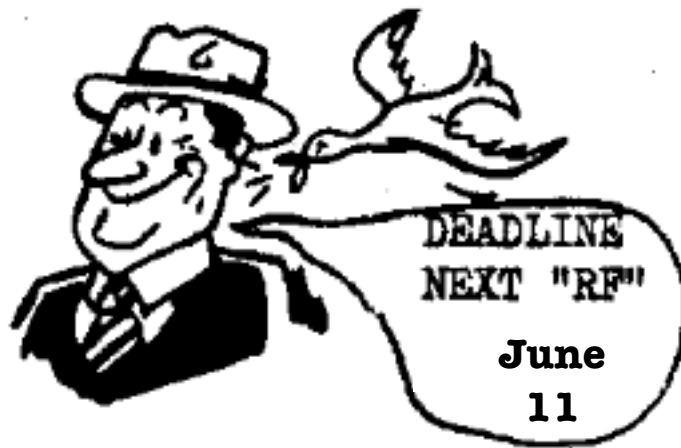
**INFLOWS**

Badge	6.00
Donation	59.50
Dues 2025	532.50
Dues, PayPal 2025	1,473.00
Opportunity Draw	65.00
Refreshments	41.00
<b>TOTAL INFLOWS</b>	<b>2,177.00</b>

**OUTFLOWS**

Activities Supplies	199.05
PayPal Fees	76.10
Printing Brochures	265.80
Refreshment	
Expense	94.12
Software License	59.88
Website	100.00
<b>TOTAL OUTFLOWS</b>	<b>794.95</b>

OVERALL TOTAL	1,382.05
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The **ORANGE COUNTY AMATEUR RADIO CLUB, INC.**

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TUSTIN, CA 92781-3454



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