



# RF



**ORANGE COUNTY AMATEUR RADIO CLUB, INC.**

**VOL. LXII NO. 12**

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

**December 2021**

## **The Prez Sez...**

**By Nicholas AF6CF**



Ho Ho Ho! It is December now, and the last month of the year is when we again 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.

In spite of the pandemic and other bad news, because we were able to adapt to the new "normal", we had a very good year with expanded membership.

We had great and safe Field Day events, many outstanding speakers and were able to pay for our expenses by selling donated equipment at the swap meet. But also, this is the month to celebrate and party.

With great opportunity drawing prizes, our Club this year had an excellent dinner event. The party was a GREAT event, the food was good, and we had a video presentation that was liked by all the members present.

A big surprise was when the Board decided to suspend the current president and the VP took temporarily over. I had no idea what was going on, until the VP announced me as the nominee for the annual "Good of the Club" award.

This is a decision normally done by the president, so that's the reason the Board had to do it that way. Many thanks to those who helped make this year success happen; they did a very good job.

There are too many members to mention individually, so congratulations and thanks to you all. Even Treasurer Ken W6HHC was happy to see the Club finances in order with so many friends and new members. In our words: "A good time was had by all".

So **HAPPY HOLIDAYS** and **Happy New Year** to everybody and we'll see you next year.

73 DE AF6CF St Nick

## **NEXT GENERAL MEETING**

**January 19th, 2022**

**Join us via ZOOM at 7:00PM!**  
**Current OCARC members will**  
**receive an email with**  
**instructions. Early check-in**  
**available at 6:30 PM(+/-)**



## **NEXT BOARD MEETING**

**Saturday, January 8, 2022**

### **SPECIAL NOTICE:**

**During the COVID-19 pandemic All**  
**OCARC Nets will Remain Active!**  
**See page 2.**

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### 2021 Board of Directors:

#### President:

Nicholas Haban, AF6CF  
(714) 693-9778  
[af6cf@w6ze.org](mailto:af6cf@w6ze.org)

#### Vice President:

Tim Goeppinger, N6GP  
(714) 730-0395  
[n6gp@w6ze.org](mailto:n6gp@w6ze.org)

#### Secretary:

Corey Miller, KE6YHX  
(714) 322-0395  
[ke6yhx@w6ze.org](mailto:ke6yhx@w6ze.org)

#### Treasurer:

Ken Konechy, W6HHC  
(714) 348-1636  
[W6HHC@W6ZE.org](mailto:W6HHC@W6ZE.org)

#### Membership:

Bob Eckweiler, AF6C  
(714) 639-5074  
[af6c@w6ze.org](mailto:af6c@w6ze.org)

#### Activities:

Ron Mudry, W6WG  
(714) 840-3613  
[w6wg@w6ze.org](mailto:w6wg@w6ze.org)

#### Publicity:

Tom Cowart, W6ETC  
(714) 454-0571  
[w6etc@w6ze.org](mailto:w6etc@w6ze.org)

#### Technical:

Steven Belasco, N1BKB  
[n1bkb@w6ze.org](mailto:n1bkb@w6ze.org)

### Directors @ Large

Dan Violette, KI6X  
(714) 637- 4632  
[ki6x@w6ze.org](mailto:ki6x@w6ze.org)

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

### 2021 Club Appointments:

#### W6ZE Club License Trustee:

Bob Eckweiler, AF6C  
(714) 639-5074  
[af6c@w6ze.org](mailto:af6c@w6ze.org)

#### Club Historian(s):

Corey Miller, KE6YHX  
(714) 639-5475  
[ke6yhx@w6ze.org](mailto:ke6yhx@w6ze.org)

Bob Evans, WB6IXN (Emeritus)  
(714) 543-9111  
[wb6ixn@w6ze.org](mailto:wb6ixn@w6ze.org)

#### RF Editor for December 2021

Tom Cowart, W6ETC  
[corwinv@earthlink.net](mailto:corwinv@earthlink.net)

#### Webmaster:

Ken Konechy, W6HHC  
(714) 348-1636  
[W6HHC@W6ZE.org](mailto:W6HHC@W6ZE.org)

#### Assistant Webmaster:

Bob Eckweiler, AF6C  
(714) 639-5074  
[af6c@w6ze.org](mailto:af6c@w6ze.org)

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

#### ARRL Awards Appointees:

Arnie Shatz, N6HC  
(714) 573-2965  
[N6HC@aol.com](mailto:N6HC@aol.com)

John Schroeder, N6QQ  
(West Orange Co.)  
(562) 404-1112  
[N6QQ@msn.com](mailto:N6QQ@msn.com)

### Monthly Events:

#### Membership Meetings\*



Time: 7:00 PM  
When: 3<sup>rd</sup> Friday of each Month  
**\*See ZOOM announcement pg.1**

#### Board Meetings

January 08 at 8:15 AM  
**New physical location coming soon**  
**\*\* Board will handle Club business by ZOOM at this time**

#### 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**  
NCO's include Jeff: KK6TRC;  
Don W6ZZW, Chris KF6LEX  
John AJ6F; Milt N6MG;  
David KK6M; John KB6OVO

### **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





# 2022 RETURNING ORANGE COUNTY AMATEUR RADIO CLUB BOARD MEMBERS

**Nicholas AF6CF**

**Tim N6GP**

**Corey KE6YHX**

**Ken W6HHC**

**Ron W6WG**

**Bob AF6C**

**Tom W6ETC**

**Steve N1BKD**

**Dan KI6X**

**Tim N6TMT**

**President**

**Vice-President**

**Secretary**

**Treasurer**

**Activities**

**Membership**

**Public Relations**

**Technical**

**Director at Large**

**Director at Large**

Graphic by Tom W6ETC

## THANK YOU TO THE 2021 CLUB APPOINTEES:

### Office

**Historian**

**Historian Emeritus**

**W6ZE License Trustee**

**W6NGO License Trustee**

**Web Master**

**Web Programmer**

**Web Programmer**

**Web Assistant**

**ARRL Assistant Director**

**ARRL Awards Appointee**

**Winter Field Day Captain**

**ARRL Field Day Captains**

### Name

**Corey Miller**

**Bob Evans**

**Bob Eckweiler**

**Ken Konechy**

**Ken Konechy**

**Bob Eckweiler**

**Dan Violette**

**Tim Millard**

**Ken Konechy**

**Arnie Shatz**

**Ron Mudry**

**Tim Goeppinger N6GP/Ron Mudry W6WG**

### Call

**KE6YHX**

**WB6IXN**

**AF6C**

**W6HHC**

**W6HHC**

**AF6C**

**KI6X**

**N6TMT**

**W6HHC**

**N6HC**

**W6WG**

by Tom W6ETC





## OCARC 2021 CHRISTMAS PARTY

Held at MiMi's Bistro in Tustin



The Mimi's Bistro provided a good menu and venue for OCARC. (Left Rear to Front Right) Dan W6PEQ, Dino KX6D & Jackie, Phil K6PAD & Lupe, Debbie & Dan KI6X, Tom W6ETC (Not Shown) & Sharon, Jim KB6TKA (checkered shirt) & Karol KC6LIF (not shown)



(L-R) Tim N6GP & Edna, Clay N6CDB, Chip K7JA & Janet KL7MF, and Corey KE6YHX (back to camera)



On this image seated from L-R (Front to Back) Wayne KH6HZ, Bob AF6C, Greg W6ATV (partially hidden), Ron W6WG, Nicholas AF6CF, Ken W6HHC & Sandy, Willie N6OKU, Fried WA6WZO (Arm/Fist) and to his left (not shown) is his daughter Margaret N6KFC

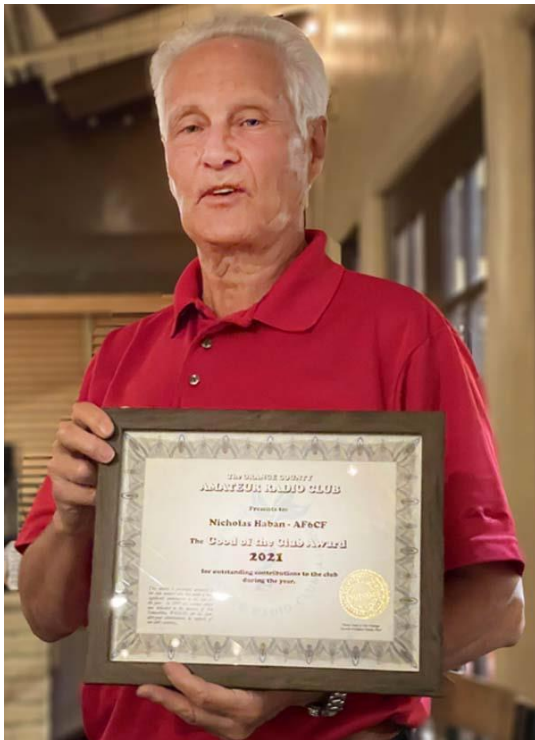


"Good Buddy" Ken - W6HHC was the winner of the white elephant prize, an authentic LaFayette Electronics 23-channel CB radio with genuine vacuum tubes and the original microphone. How many of you remember the Lafayette Radio store on Main Street in Santa Ana?.





# GOOD OF THE CLUB AWARD



## NICHOLAS HABAN AF6CF RECIPIENT OF THE OCARC 2021 'GOOD OF THE CLUB' AWARD

This year, the OCARC Good-Of-The-Club Award was presented to Nicholas AF6CF for his contributions to the club. Even though Nicholas has been elected President of the club SIX times, he had avoided winning the Good-Of-The-Club Award???

"el Presidente" Nicholas AF6C was awarded the 2021 Good-Of-The-Club Award by the Board of Directors for his enthusiasm and energy working on club projects. 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.

Nicholas has continually served with distinction as an OCARC board member for more than 15 years. As a side note, this award was a total surprise to him when he was considered for and presented with a plaque as prepared by the OCARC Board of Directors at the 2021 OCARC Christmas party.





## OPD COAR GANG

Each Friday morning members of the OPD COAR RACES<sup>1</sup> gang (and some friends and associates) have breakfast at Woody's Cafe on Chapman Ave in Orange. Here at their 2021-Dec-17 gathering are: (L-R) Rich KE6WWK, Bobbie KG6MIF, Cliff KG6MIG, Don N0VNJ \*, Arland W6ACM \*, Scott KM6RTE \*, Guy Erkin (OPD volunteer), Will KJ6IA (Chief Radio Officer), Mike KG6WRM (standing), Jim KB6TKA \*, Joe KE6ZMG, Ken W6HHC \*, Bryan K6BRY. Five members of OCARC (designated with a \* ) were in attendance. Quent W6RI is credited with the photo.

<sup>1</sup>Orange Police Department (OPD) City of Orange Amateur Radio (COAR) Radio Amateur Civil Emergency Services (RACES)

## SPECTACULAR RESULTS FOR W6ZE (OCARC) ARRL FIELD DAY 2021

We may have missed our lofty goal of placing in the Top Ten, but when you analyze the results from the ARRL, we did very well.

Place Callsign Score Class

1	W6YX	19766	4F
2	W9SU	19666	3A
3	W4IY	18650	9A
4	K4BFT	18138	4A
5	W1NVT	15900	2A
6	W2MMD	14268	7A
7	K5CM	13110	2A
8	W3AO	12878	3A
9	NE1RI	12482	2A
10	K1R	12348	3A
11	W9MVA	12344	3A

Place Callsign Score Class

12	W0OJY	12150	3A
13	K8BF	12046	4A
14	K4FC	11936	5A
15	N3IC	11870	3A
16	NW8S	11864	5A
17	K9ILS	11852	3A
18	AJ4A	11798	6A
19	W4KFC	11470	1E
20	N2SF	11344	4A
21	W6ZE	11220	5A



The **BIG NEWS** from the ARRL Field Day results this year is that the National Press Radio Club W3AO has been dethroned as the Field Day champion. The **Stanford ARC W6YX ended W3AO's multi year winning streak** from their cushy EOC contest station atop the Stanford Foothills. We certainly applaud any West Coast station that puts the effort in by placing 1<sup>st</sup> in the ARRL Field Day contest.



- **Overall, we placed 21st out of 5,979 entries.** That puts us at the 99.65 percentile.
- We were **2nd place behind W6YX for any station west of the Rockies.**
- **2nd place in California and 1st place for the Orange Section and Southwest Division.**

You may note that we were only about 1,000 pts behind that East Coast powerhouse W3AO !! It should be noted that W3AO did not have 20 stations this year...

Still I think it looks impressive enough despite the lack of operators we had.

Maybe this is rationalizing, but there were several reasons why we did not crack the Top Ten. As usual, the East Coast and Midwest had some openings on 10 and 15 meters that we did not have. We also had a little bad luck from Murphy on one of our stations that hurt our score a bit.

Our aggregate score the combination of our field 5A log with the 5 stay-at-home logs. The aggregate scores from ARRL are a little bit harder to tabulate, because they listed them in alphabetical order.

We did well with our aggregate score of 16,707 (6 logs), but my guess is that it is only in the top 10% or so. I think some clubs did not have a Field Day in the field, and all operators stayed home, which would give them an advantage. I believe the Pasadena Radio Club was like this – score of 22,543 (27 logs) , and also Palos Verdes ARC 19,786 (22 logs).

There are clubs in other Orange Counties in the country, and the Orange County Radio Amateurs and Durham FM Association whipped us with a score of 35,560 from 26 logs. Thanks go to the 5 home stations that sent in their logs for us.

We should be proud of our 2021 score. Thanks again to all of you who participated.

Nobody has any idea what the 2022 Field Day rules will be, and if they will include the aggregate scores or not.

Make sure an **MARK YOUR CALENDARS**  
NEXT YEAR'S FIELD DAY DATES ARE: **JUNE 25 and 26, 2022.**



**Net Control Operators for the  
Net@9 Amateur Radio Wellness & Support Net  
are honored at the  
Catalina Amateur Repeater Association December Meeting**



(L-R) Doug AD4AL, Tom W6ETC\*, John KB6OVO, Milt N6MG, Jeff KK6TRC\* and Chris KF6LEX\*  
(\* present and/or past OCARC members)

As most of you are aware the COVID 19 pandemic shut down many Amateur radio related events.

For most of the first half of the pandemic 'Stay-at-Home' recommendations were demanded from US Government officials which isolated many Amateur radio operators from any type of social event, including but not limited to local ham radio club meetings, radio swap meets, get-togethers, Hamventions, etc., etc.. At that time every know in-person social event was curbed for the fear of potentially spreading or catching the COVID19 virus. But to its credit **Amateur radio operations have been and always will be COVID FREE.**

With that in mind Tom W6ETC (a OCARC Board member) had an idea for a Net that could be held throughout the week. In particular it would operate Monday – Friday at 9am and again at 9pm. Hence the concept of 'Net@9' was birthed March of 2020.

OCARC 2m (146.550 MHz) FM Simplex nets were being held each Wednesday from 8:30pm – 9:00pm. Corey, KE6YHX as its Net Control Operator does a great job of running it. To his credit, he expanded this Net to include Monday and Friday evenings, calling it the CORONAVIRUS NET. This net ran its course until July of 2021. It has since been changed back to Wednesday evening's only.

Understandably, operating a Net on FM Simplex presents many challenges and limitations to the Net Control Operator and the participants due to the nature of 'line-of-sight' 2m or 1.25m signals.





(L-R) Mike AI6AB (CARA Prez),  
Chris KF6LEX and Jeff KK6TRC

Most of us within Southern California don't live in the flatlands where signals go uninhibited. There can be many obstacles including but not limited to the capabilities of the radio and its setup, the type of antenna and its height, (TX) power, distance, buildings (structures/geography/topography) etc., etc., that can and will have an affect on signal performance from operator to operator.

Holding a Net on a major repeater would potentially compensate for some of these obstacles. Greater signal distances could be covered with the possibly of a greater number of available Ham radio operators, all given the ability to connect with a Net program such as Net@9.

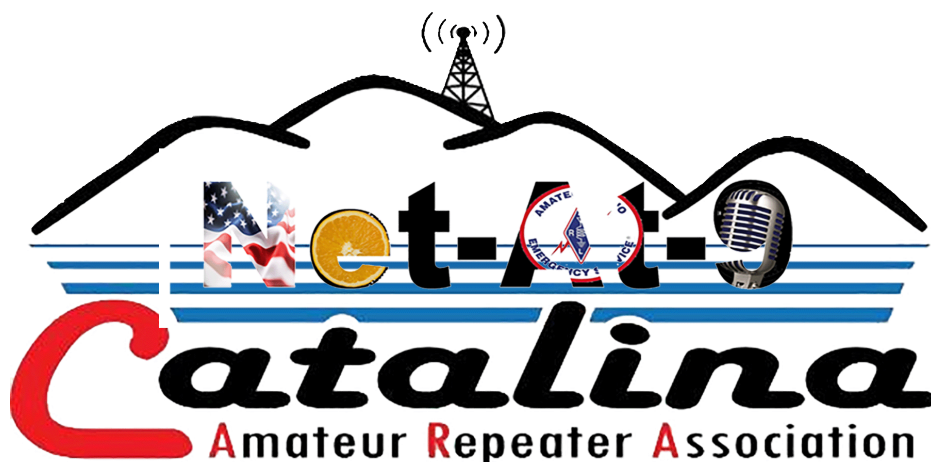
A primary programming goal of a Net@9 Net Control Operator is to encourage and direct positive/affirming conversations between the various Ham radio operators starting on round one (1) and to set up a topic of conversation (Preferably ham radio related - but not always – at the Net Control Operators discretion) for round two (2). Round 2 topic can provide humor, information, instruction and at times problem solving for its operators or participants.

Fortunately the Catalina Amateur Repeater Association or CARA agreed with Tom W6ETC vision and proposal and in April 2020 we began the Net@9 Wellness and Support Net on their 2m and 1.25m repeaters. EchoLink (\*CATALINA\*) and Allstar (51597) was also available. In a short period of time other Ham radio operators volunteered to take on the duties of a scheduled Net Control Operator. Presently we have eight (8) volunteer Net Control Operators.

For more information about the Catalina Amateur Repeater Association and its various repeaters, programming, and membership go to their website [www.cara.radio](http://www.cara.radio). We have our own Facebook page. Search for 'CARA Net@9'.

Join us for the continuing adventures of Net@9 Wellness and Support Net.  
Monday – Friday 9am (0900) and 9pm (2100). 73

Tom W6ETC



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.  
It is also available on EchoLink node \*CATALINA\*

**OCARC  
GENERAL MEETING MINUTES  
2022-11-19**

Due to the ongoing pandemic, the eleventh and final General Meeting of the year was via Zoom on Friday, November 19, 2021. The meeting was called to order by our president Nicholas Hoban AF6CF at 7:01 PM PST. There were thirty-one (31) members, guests and visitors present, including our speaker.

•**Pledge of Allegiance**

Nicholas normally starts a video to lead the Pledge of Allegiance, but in honor of Veteran's Day and our veterans, plays a video of "The Ballad of the Green Beret."

•**Meeting Presentation**

Nicholas AF6CF turns the meeting over to our vice president Tim Goeppinger N6GP. Tim begins with a recognition of those present who have served our country in the military.

Tim then turns to Keith Schlottman KR7RK, treasurer of 10-10 International since 1994. Mr. Schlottman has been president of a DX association in Arizona, and has been associated with RACES EmComm, SOTA and others. Mr. Schlottman presents "10-10 International and the 10-Meter Band."

Keith tells us 10-10 International was established in 1964 and was formed to make better use of 10-meters and protect it for Hams in the future. Technicians have a significant portion of the voice section of the 10-meter band.

Ten-meters is unique in important ways. First, the propagation characteristics have similarities to both HF and VHF. It can benefit from tropospheric ducting, sporadic-E, meteor-scatter and other conditions. It can also take advantage of the F-Layer for DX. In addition, ten-meters does not require a large antenna like the other HF bands. It is a useful band for mobile operations. Ten-meter DX is highly dependent on the sunspot cycle. Sunspots are on an eleven-year cycle, and Cycle-25 is soon to come!

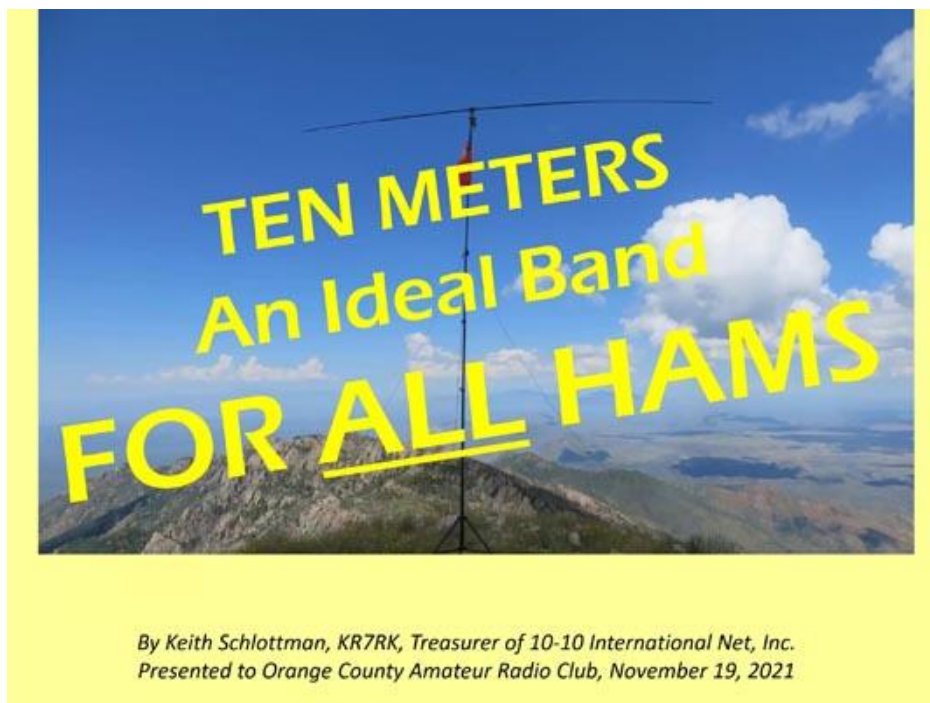
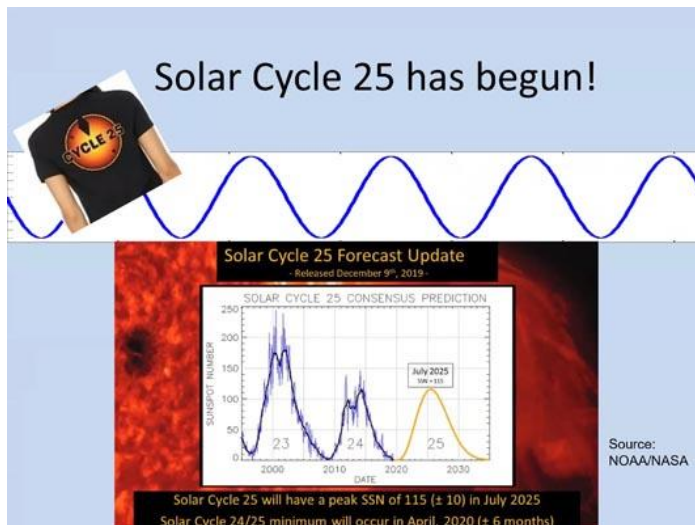
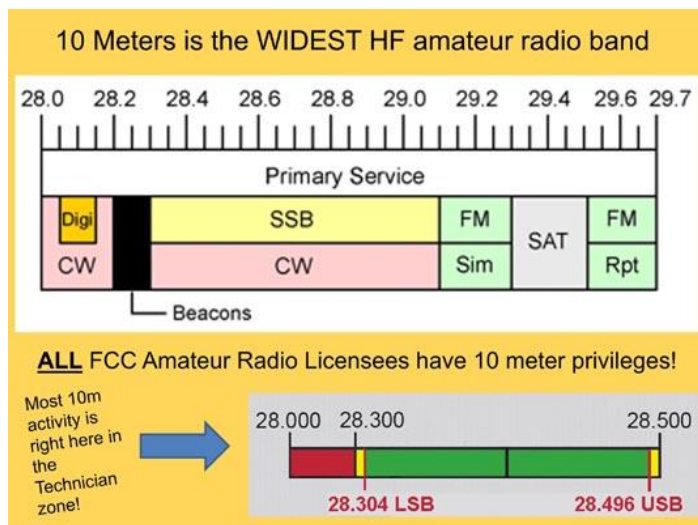
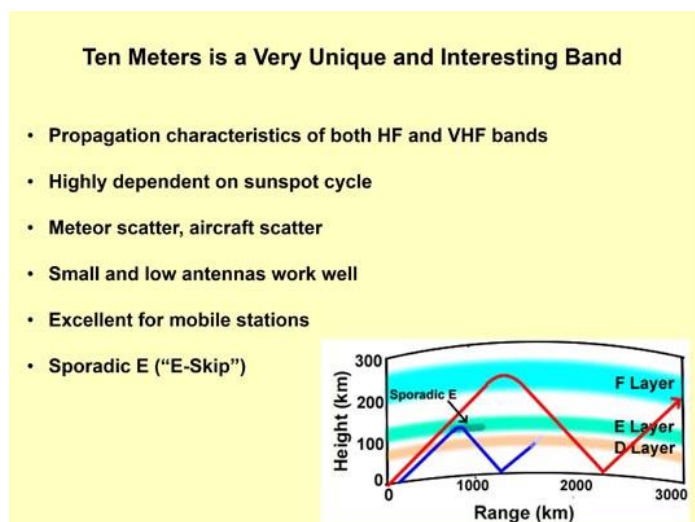


Fig 1 – Ten Meters, an Ideal Band for All Hams!





Figs 2 and 3 – The 10 Meter Band and “Solar Cycle 25 has Begun!”



Figs 4 and 5 – Propagation Characteristics and Some Real, Recent Results from 10 Meters



Fig 6 PSK Reporter

## Check your own signal using the Reverse Beacon Network

### REVERSE BEACON NETWORK

welcome | main | dx spots | nodes | FTS | downloads | about | contact us

show/hide my last filters

showing spots for DX call: KR7RK  
search spot by callsign

rows to show: 100

de	dx	freq	cq/dx	snr	speed	time
N6TV	KR7RK	7062.0	CW CQ	27 dB	25 wpm	2241z 01 Nov
K7MJG	KR7RK	7062.0	CW CQ	15 dB	25 wpm	2236z 01 Nov
WE9V	KR7RK	14062.0	CW CQ	19 dB	25 wpm	2234z 01 Nov
K3PA-1	KR7RK	14062.0	CW CQ	25 dB	25 wpm	2234z 01 Nov
W7HR	KR7RK	14062.0	CW CQ	15 dB	24 wpm	2234z 01 Nov
VE2WU	KR7RK	14062.0	CW CQ	9 dB	25 wpm	2234z 01 Nov
K9IMM	KR7RK	14062.0	CW CQ	21 dB	25 wpm	2234z 01 Nov
VE6WZ	KR7RK	14062.1	CW CQ	11 dB	25 wpm	2230z 01 Nov
K1TTT	KR7RK	14062.0	CW CQ	25 dB	25 wpm	2230z 01 Nov
VE2WU	KR7RK	14062.0	CW CQ	13 dB	25 wpm	2224z 01 Nov
W7HR	KR7RK	14062.0	CW CQ	7 dB	25 wpm	2224z 01 Nov
W8WTS	KR7RK	28062.0	CW CQ	9 dB	24 wpm	2152z 01 Nov
W8WWV	KR7RK	28062.0	CW CQ	8 dB	24 wpm	2152z 01 Nov
NU6XB	KR7RK	14062.0	CW CQ	12 dB	24 wpm	2000z 01 Nov
W7HR	KR7RK	14062.0	CW CQ	12 dB	25 wpm	1959z 01 Nov
KC0VKH	KR7RK	14062.0	CW CQ	2 dB	25 wpm	1952z 01 Nov
W7HR	KR7RK	18093.0	CW CQ	13 dB	25 wpm	1920z 01 Nov
AA4VV	KR7RK	21062.0	CW CQ	10 dB	20 wpm	1839z 01 Nov
K1TTT	KR7RK	21062.0	CW CQ	11 dB	20 wpm	1837z 01 Nov

options:  
show/hide

Do you enjoy the RBN?  
Please consider supporting us!

**Donate**

KR7RK frequencies on last 15 minutes:  
no spot...


we have 174 skimmers online


**skimmers online:**

3B8CW - no spot last 15min  
7N4XCV - 40m, 30m  
9A1CIG - 160m, 40m  
9M2CNC - 40m, 30m  
AA4VV - no spot last 15min  
AC0C-1 - 160m, 80m, 40m, 30m, 20m, 17m  
BD8CS - 40m  
BG4GOV - no spot last 15min  
BG4WOM - 40m, 30m, 20m, 17m, 15m, 12m  
BG8DIV - 40m, 30m, 20m  
BH4DEG - 30m  
BH4RRG - 40m, 30m, 17m

Fig 7 The Reverse Beacon Network

## Watch the DX Cluster for band openings





Spots | Spot Search | Daily DX | News | Radio Arcala | Visit Azores | Feedback | Tutorial

**Filters**

28MHz

dx

inc

Search

17:15:02 21 Aug

Location

**Share a spot**

My call: Callsign

DX: DX

kHz: kHz

Info: Info

Share

Spotter	Freq.	DX	Time	Info	Country
WX3B	28450.1	K000	17:08 21 Aug	Pat - PVRRC Warmup!! QRZ?? USB	United States
WX3B	28450.1	W3LL	17:01 21 Aug	+ K000 PVRRC Warmup!! USB	United States
DL6WT	28465.0	DR6N	16:20 21 Aug	RLP Aktivit?????	Fed. Rep. of Germany
DK7LX	28024.5	DK7PE/P	16:13 21 Aug	rip activity	Fed. Rep. of Germany
DK7LX	28020.0	DR6N	16:03 21 Aug	JO40GL<-JN39VV	Fed. Rep. of Germany
N4RLD	28500.0	KK4DDG/P	16:00 21 Aug		United States
G0HVO	28074.0	VO1CH	15:43 21 Aug	+1dB surprise NA open	Canada
HB3XU (1-g)	28465.0	MM5AJN	15:41 21 Aug	Did you hear me? try to	Scotland

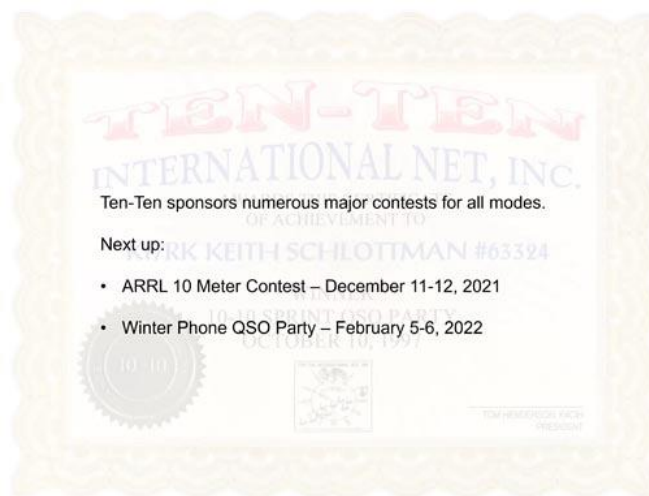
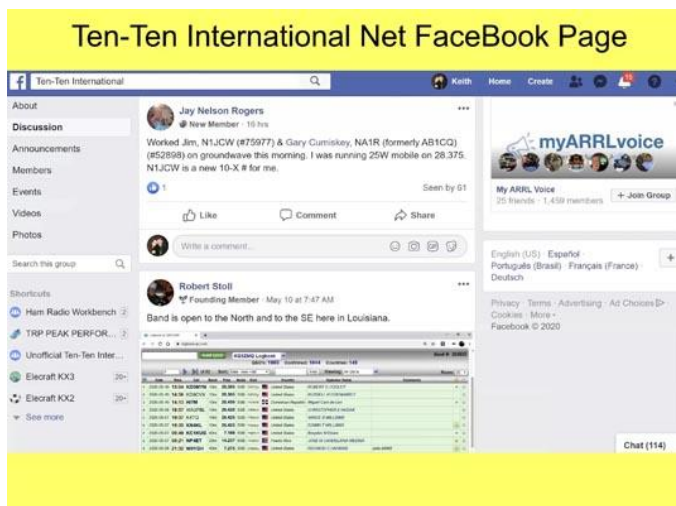
Fig 9 Watch the DX Cluster for Band Openings





## Figs 10 and 11 – “Yes, DX is Possible!” and Current DXpeditions





Figs 14 and 15 – Facebook Page and Contesting

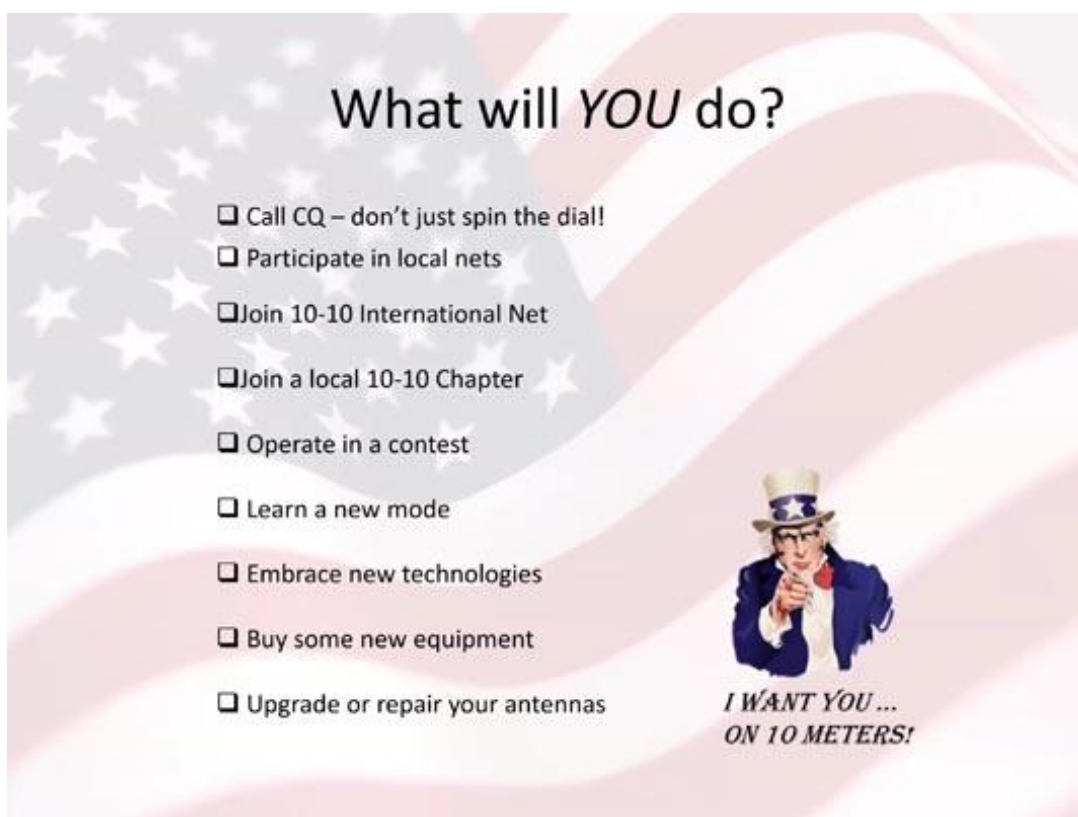


Fig 16 – “What will YOU do?”

### •Questions and Answers

Keith calls for questions from the audience.

-Chip K7JA asks Keith if he has seen any long-path QSOs this cycle. Keith stated, “probably not, but some rigs are better than others.” Chip recounts some long-path contacts to Africa, the Middle East, and Western Asia that he made on 10-meters.

Keith turns the meeting back to Tim, who then thanks Keith for the excellent and fascinating program. Tim turns it back to our president, Nicholas AF6CF. Nicholas then thanks Keith for the very interesting and informative presentation.



**Business Meeting**

Our president, Nicholas AF6CF starts the business meeting at 7:54 PM PST. All ten (10) Board members were present for a quorum. Thirteen (13) topics were brought to the Board tonight, and two (2) motions carried, including adjournment.

**•Visitor Introductions**

Nicholas welcomes Larry Mallek K6YUI, Ten-Ten member 62.

**•Director Reports**

President Nicholas AF6CF starts the Director Reports.

**-Secretary:** Corey KE6YHX reminds us of the Remembrance for SK H.B. "Corky" Corcorran W5BYG is tomorrow in Laguna Hills.

Corey announces a notable event. Citizens Band Radio now allows FM on their present channels. The proposal was carried on September 28, 2021 and was ratified on October 28, 2021. <https://www.ecfr.gov/current/title-47/chapter-I/subchapter-D/part-95/subpart-D/section-95.971>

Corey reports he went to our mailbox at the Tustin Post Office today. There was no mail.

**-Treasurer:** Ken W6HHC directs us to the *November RF Newsletter* for the Cash Flow Report. We have inflows of \$5,827, and outflows of \$2,038, for a net increase of about \$3,788 for the year as of the end of October.

Ken also tells the attendees that the RSVPs for the Christmas Dinner are due on December 6. There are several ways to pay and/or notify him.

**-Activities:** Ron W6WG tells us we have two events coming-up, the Christmas Party on December 10, at 6:00 PM PST, and Winter Field Day 2022, on January 29-30.

Ron will have three radios for the Opportunity Drawing at the Christmas Party, \$200 in gifts, one \$100 gift certificate, and four \$50 gift certificates.

**-Technical:** Steve N1BKB publicly thanks Tim G. N6GP for help solving Steve's rig problem.

**-Membership:** Bob AF6C reports we have a new member, Jim Williams KB6TKA's XYL, Karol KC6LJF, for a total of 122 members.

**•Christmas Party:**

Nicholas AF6CF asks if anyone has a projector and screen for the presentation. Arnie N6HC has a screen we are welcome to use. Chip K7JA has a projector and audio amp available.

**•Election of OCARC 2022 Officers**

The most important item of business is the 2022 Board Officer Elections. Secretary Corey Miller KE6YHX conducts the elections. Director-at-large Tim Millard N6TMT shares his screen with the list of nominations to the Board. The secretary calls for nominations to each position, and none of the presented nominations are contested. Honorary Member Chip Margelli K7JA moves to close nominations and cast the ballot with the current slate for election to the 2022 Board of Directors. Treasurer Ken Konechy W6HHC seconds, and at 8:26 PM PST, each of the following officers and directors are duly elected by acclamation of a show-of-hands vote (via Zoom) to serve during the 2022 term.

## The 2022 Board of Directors

President .....	-- Nicholas Haban, AF6CF
Vice President .....	-- Tim Goeppinger, N6GP
Secretary .....	-- Corey Miller, KE6YHX
Treasurer .....	-- Ken Konechy, W6HHC
Activities .....	-- Ron Mudry, W6WG
Membership .....	-- Bob Eckweiler, AF6C
Publicity .....	-- Tom Cowart, W6ETC
Technical .....	-- Steve Belasco, N1BKB
Director-at-Large 1 .....	-- Dan Violette, KI6X
Director-at-Large 2 .....	-- Tim Millard, N6TMT

(also see announcement on page 3)



### •Good of the Club

-Chip K7JA contacted the Winter Field Day Association regarding the inordinate impact on our logs by the new verification rules for Winter Field Day 2021, Arnie N6HC's as a prime example.

-Tim G. N6GP reports the Field Day 2021 results. We came in 19<sup>th</sup> overall, and 3<sup>rd</sup> in the 5A Class.

### •Adjournment

A motion to adjourn was made, seconded and carried at 8:39 PM PST.

--Respectfully submitted by Corey KE6YHX OCARC Secretary



Source: <https://tinyurl.com/29xwa3sv>





## UPCOMING ACTIVITIES:

### DECEMBER

- **\*ARRL 10 Meter Contest:** 0000Z Saturday Dec. 11 through 2359Z Sunday Dec. 12.
- **ARRL Rookie Roundup, CW:** 1800Z to 2359Z Sunday Dec. 19.

### JANUARY

- **Straight Key Night:** 0000Z – 2359Z Jan. 1st
- **ARRL Kids Day:** 1800Z – 2359Z Sat. Jan. 1st
- **ARRL RTTY Roundup:** 1800Z Saturday Jan. 8th to 2400Z Sunday Jan. 9th
- **\*\*North American QSO Party / CW:** 1800Z Saturday Jan. 15th to 0559Z Sun. Jan. 16th.
- **\*ARRL January VHF Contest:** 1900 UTC Saturday Jan. 16th to 0359 Mon. Jan. 18th.
- **\*\*North American QSO Party / SSB:** 1800Z Saturday January 22 to 0559Z Sun. Jan. 23rd.
- **\*CQ 160 Meter Contest/ CW:** 2200Z Friday Jan. 28th to 2200Z Sunday Jan. 30th.
- **\*Winter Field Day:** 1900Z Sat. Jan. 29 to 1900Z Sun. January 30.

\* 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"

## REPEATING ACTIVITIES:

- **Phone Fry:** Every Tuesday night at 0230Z to 0300Z.
- **SKCC:** Weekend Sprintathon (Straight Key CW) on the first weekend of the month after the 6<sup>TH</sup> of the month. 1200Z 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 1300Z to 1400Z, 1900Z to 2000Z and Thursday 0300Z to 0400Z.
- **K1USN Slow Speed Test:** (CW, 20WPM Max.) Every Sunday night at 0000Z to 0100Z 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 OUTSTANDING NET:

- **Net@9 Wellness & Support Net (CARA)**  
Monday thru Friday 9:00am & 9:00pm Local Time on Catalina Amateur Repeater Association (repeater) (2m) 147.090 MHz (+0.600 MHz) No PL (1.25m) 224.420 MHz (-1.600 MHz) PL 110.9  
**EchoLink:** \*CATALINA\* / Allstar node # 51597  
For more info on Net@9 email tom@w6etc.com

For 'Radio Activity' events contact Ron W6WG at [w6wg@w6ze.org](mailto:w6wg@w6ze.org).

**MARK YOU CALENDAR****Winter Field Day**

Come join us for...

**2022 Winter Field Day (WFD)**

Would you consider [joining us in person](#) for the upcoming **WFD 2022**?

We need everyone to participate with us so OCARC can continue our winning streak by becoming the highest scoring club for 4 years running! You have two (2) methods to participate with us: 1) Onsite or 2) at your QTH (Home). \*

**When:** January 29<sup>th</sup> and 30<sup>th</sup> 2022  
(Contest period Saturday 1900 UTC to Sunday 1900 UTC)

**Where:** Ocean View School District facility (or at your QTH)

**Address:** 17200 Pinehurst Lane in Huntington Beach.

**Rules:** The rules can be downloaded from <https://www.winterfieldday.com>  
See the rules as indicated below for additional Bonus Points!

**Bands:** 160m, 80m, 40m, 20m, 15m, 10m, 6m, 2m plus UHF and VHF

**Modes:** SSB, CW, and Digital. A single Satellite contact is worth 1500 bonus points.

*\*Prefer to operate Winter Field Day from home?*

OCARC can still share in your adventure and points!

Make sure to enter "Orange County ARC-CA" as your club choice prior to submitting your Cabrillo Log.

**Interested? Questions? Important**> If you're interested in participating with us on-site (or prefer at home), please advise Ron W6WG ([w6wg@w6ze.org](mailto:w6wg@w6ze.org)). If you have a question or require assistance prior to submitting your log, again please email Ron W6WG at the email address indicated above.

**Note:** Points are one (1) for phone QSOs and two (2) for CW & digital QSOs. Multipliers are one (1) for each band/mode contact. Check the WFD website for rules or more information.

73, Ron W6WG [w6wg@w6ze.org](mailto:w6wg@w6ze.org)





## YOU MIGHT BE A HAM IF...

1. You have bought black electrical tape in ten packs.
2. You have stripped wire with your teeth.
3. You have told your child, "One day, all this will be yours," and he or she did not respond at all.
4. You would rather help another Ham friend to hook up new equipment, or to put up a new tower, than to mow your own lawn.
5. You have grabbed the wrong end of a hot soldering iron.
6. You have gotten an RF burn from your own antenna.
7. You have given out RST reports while you were on the telephone.
8. When the microphones or visual aids at a meeting did not work, you rushed up to the front to fix them.
9. You have told the XYL, when she noticed a new rig in the shack, "Why, that has been there for years."
10. You have set your watch to UTC only.
11. You have had to patch your roof after an antenna project fell onto it.
12. You have put a GPS tracker in the XYL's car or on the riding mower, just so you could watch it on APRS.
13. You have tapped out "CQ" or "HI" on the car horn in Morse Code to another Ham.
14. Your teenager has refused to ride in your car because it looks like a porcupine.
15. You know the Latitude, Longitude, and Elevation of your home QTH.
16. You have gone into the local Radio Shack store, and the store clerk has asked you where something is and how it works.
17. You have answered the telephone with your call sign, and then finished the conversation with "73" and your call sign.
18. You have looked for antennas, radios, and Morse Code in movies and television shows.
19. When you look at anything made of wire or metal tubing, you wonder if it could be used as an antenna.
20. Your call sign is listed on one or more of your hats, T-shirts, or other garments.
21. You regularly carry one or more tools in your pockets at any given time.
22. When any kinds of batteries go on sale, you get really excited.
23. When you look at a barbecue grill, it creates ideas about ground plane antennas.
24. You have designated all your friends as Hams or Non-Hams.
25. You have referred to your Ham friends by their call sign suffixes instead of their real names.
26. You have intentionally confused Non-Hams by telling them that the only things you talk about on the air are pork products.
27. You have intentionally scared Non-Hams with the word "RADIATION"!
28. You have looked at telephone poles and power line towers as potential antenna supports.
29. You have thought you were still hearing CW, SSB, or SSTV tones, even when your Ham radio was off.
30. Your Go-Bag has more clothes in it than your dresser does.
31. You have a SKYWARN sticker on your back window.
32. Your significant other sits in the back seat, and your radios ride in the front.
33. Your neighbors wonder if you are a "Narc" (narcotics officer), a Spy, or a Federal Agent.
34. The cops pull you over because they want to see the inside of your car.
35. All 6 outlets in your 20x20ft bedroom have a power strip plugged into them.....

UNKNOWN SOURCE FOR CREDIT

## OCARC Cash Flow - Year to Date

1/1/2021 through 12/14/2021

Category	1/1/2021- 12/14/2021
<b>INFLOWS</b>	
2021 SK Special Disposal Effort (Net)	1,236.00
Badge Income	1.64
Christmas - Opportunity Drawing 2021	180.00
Christmas Dinner Ticket Sales	665.68
Donation -new FD Generator	500.00
Dues, Family (PayPal)	172.44
Dues, Membership	487.50
Dues, Membership (PayPal)	1,651.27
Dues, Membership (Paypal) 2022	199.96
Sale Of Equipment	1,770.07
<b>TOTAL INFLOWS</b>	<b>6,864.56</b>
<b>OUTFLOWS</b>	
Christmas Dinner - Ladies Gifts	54.00
Christmas Dinner 2021 Meal Expenses	1,074.00
Field Day - Electrical Boxes	225.26
Field Day - Propane	45.20
Field Day - Propane Stand-Regulator	109.40
Field Day Rental - Tent	200.00
Generator - new Firman	915.87
LIABILITY INSURANCE 2022	300.00
OCARC Historian	97.91
Opportunity Drwg - Christmas Radio	499.98
PayPal Fee	1.75
PO Box Rental	118.00
Storage of Equipment - Ann Millard	500.00
Supplies	35.18
Web Site Hosting	209.00
Web Site SSL Fee	69.99
ZOOM subscription	149.90
<b>TOTAL OUTFLOWS</b>	<b>4,605.44</b>
<b>OVERALL TOTAL</b>	<b>2,259.12</b>





# HO HO HO



## The REAL cost of Ham Radio

Used starter rig/antennas	\$800
ARRL Membership	49
Local club membership	20
Club hat/vest/memorabilia	150
House repairs from damage for antenna access hole	1800
New chair for shack	169
Amplifier	2500
Electrician bill for 220v to shack	1600
Electrician bill from amp blowing kitchen breaker	1100
New computer for logging/digi modes	1600
Money for <u>XYL</u> for HER HOBBY	10000
New tower and antennas	3700
New homeowners insurance because towers not allowed	3100
Legal fees from HOA	8000
HOA fines for antennas	5000
More money for <u>XYL</u> hobby	19500
New rural home to get away from HOA	475,000
Money for <u>SOTA</u> rig/antennas	2300
Medical exp. For injuries getting to <u>SOTA</u> site	8500
New 4x4 SUV for getting to <u>SOTA</u> sites	47500
New side by side for getting to last 100 feet at <u>SOTA</u> site	16250
New RV for <u>POTA</u>	31500
New rigs/antennas for <u>POTA</u> RV	3200
Divorce	75000
1 bedroom apartment deposit/rent	2400
Used starter rig/antennas	800

TOTAL \$ 721,538

You have been warned! Kelly\_K7SU



"You never heard of a ham operator before?"



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KCHZUA  
N2EST



# MiniTiouner-Express

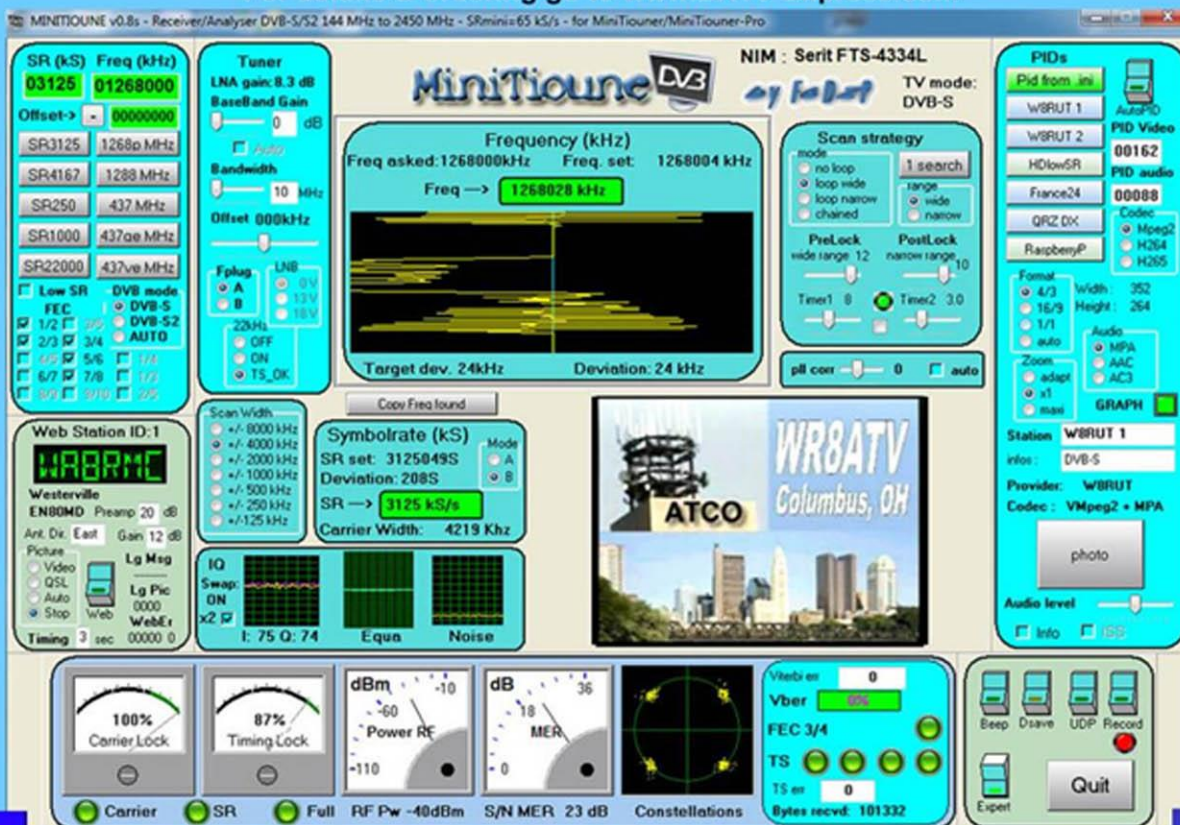
## Digital Amateur Television DVB-S/S2 Receiver / Analyzer



Available at [DATV-Express.com](http://DATV-Express.com)

- Operates with Windows PC using free MiniTioune software from Jean-Pierre F6DZP
- Smaller than a stack of 2 decks of cards (picture above is full size)
- Two independent simultaneous RF inputs with internal preamps
- High sensitivity -100dBm @1288MHz – at 1/2 FEC
- Fully assembled/tested in aluminum enclosure
- Covers 144-2420MHz (ideal for Space Station DATV reception)
- Symbol rates from 75 KSymb/s to >20 MSymbols/sec
- Uses external 8-24VDC supply or +5V from USB-3 port (with small modification)
- Real time signal modulation constellation & dBm signal strength display
- Price: US \$75 + shipping – order with PayPal

For details & ordering go to [www.DATV-Express.com](http://www.DATV-Express.com)



(MiniTioune display above is the ATCO 1268MHz DVB-S repeater signal at WA8RMC QTH 15 miles away).