



RF



Halloween Issue

VOL. LVI NO. 10

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

October 2015

The Prez Sez.....

By Tim N6TMT



Greetings,

One sure sign of fall is the OCARC auction. This is your opportunity to sell off radio and electronic items you no longer use and to perhaps picking up that item you need. You can have fun and receive cash by auctioning off your items. Look elsewhere in this issue of RF for a list of items that are currently anticipated at the auction and join us Friday October 16th.

In November, we will have a guest speaker but also have time for Board member elections. I have had the privilege of working with a fine group of people this

last year on our Board but not everyone is able to return for next year. Please consider offering your time and talents as a member of the board. However, if that is not something that you feel an inclination towards we always appreciate your talents contributed towards putting together field day, or as a newsletter editor, general meeting presenter, etc..

Finally, for December we will not have our normal General meeting but instead will have a holiday party on Friday, December 4th. This will be held again at Marie Callendar's Restaurant in Anaheim Hills. If you can be part of the festivities, that would be great. More information on cost will be made available soon. May all your signals be strong, constant and clear.

de N6TMT - Tim



The next **General Meeting** of the OCARC will be held on: **Friday, October 16th, 2015.**

The main October program will be

The Club Auction

That, you won't want to miss!

Once again, Chip will be Auctioneer. See Pages 3-6 and also <http://www.w6ze.org/Events.html> for more information.

The next General Meeting will be on:

**Friday, Oct 16th, 2015
@ 7:00 PM**

As usual, we will be meeting in the east side entrance of the Red Cross Building, Room 208 (2nd Floor). See you there!

In This Issue:	Page
The Prez Sez	1
Next Meeting Info	1
Club Information	2
Club Auction Info.....	3
Auction Rules	4
Auction Items	5
Operation Stand-Down	7
New OCARC VEs	9
Sept. General Meeting Minutes	10
Board of Directors Minutes	12
Financial Report	13
Being an Elmer	14
DATV-Express Advertisement	17



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Contact the Newsletter:

Feedback & Corrections:
RF_feedback@w6ze.org

Submit Articles:

EDITORS@W6ZE.org

Monthly Events:

General Meeting:

Third Friday of the month
at 7:00 PM held at:
American Red Cross
600 Parkcenter Drive
Santa Ana, CA
(Near Tustin Ave. & 4th St.)

Club Breakfast:

First Saturday – Nov 07 at 8:00am
Marie Callender's Restaurant 2525
1821 North Grand Ave
Santa Ana, CA
(North of 17th Street)

Club Nets (Listen for W6ZE):

28.375 ± MHz SSB
Wed- 7:30 PM - 8:30 PM
Bob AF6C, Net Control

146.55 MHz Simplex FM
Wed- 8:30 PM - 9:30 PM
Bob, WB6IXN, Net Control

7.086 ± MHz CW **OCWN**
Sun- 9:00 AM – 10 AM
John WA6RND, Net Control



Club Dues:

Regular Members	...\$20
Family Members*	...\$10
Teenage Members	..\$10
Club Badge**\$3

Dues run from Jan thru Dec and are prorated for new members.

*Additional members in the family of a regular member pay the family rate up to \$30 per family.

**There is a \$1.50 charge if you'd like to have your badge mailed to you.



AUCTION !!!

AUCTION !!!

AUCTION !!!

ORANGE COUNTY AMATEUR RADIO CLUB

It's that time of year again. The OCARC annual ham radio auction is Friday, **October 16th 2015** at 7:00 PM.

Bring your gear to sell. Come bid on other equipment.

This is always a fun event. Bring your ham radio friends too!

Location and a map to our auction are on the next page or visit our website for info.

Web: www.w6ze.org

Email: ocarc_info@w6ze.org

ANNUAL RADIO AUCTION

Friday, October 16, 2015

Auction Rules

The OCARC Annual Auction will take place on Friday evening, October 16th, 2015, at 7:00 PM at the American Red Cross facility located at 600 N. Parkcenter Drive, Santa Ana. The room will open at 6:00 PM to allow registration, set-up and viewing. All buyers and sellers are welcome. The following rules for the auction will be in effect:

1. Only ham radio or electronic equipment / items will be auctioned (i.e.: no fishing equipment, etc)
2. Buyers and Sellers must register at the door with the OCARC Treasurer.
There is NO registration fee.
3. Sellers should number each item in their lot. Their tag should indicate the minimum bid they expect.
4. Only 3 items from a Sellers lot will be auctioned during each turn. After auctioning 3 items, the auctioneer will move on to the next lot. After the first 3 items from every lot have been offered for bidding, the auctioneer will start the second round of auctioning with the next 3 items in lot #1.
5. Auction bidding will take place as follows:
 - a. \$0.00-to-\$5.00 bidding will take place in \$0.50 increments.
 - b. Over-\$5.00-to-\$50.00 bidding will take place in \$1.00 increments.
 - c. Over-\$50.00-to-\$100.00 bidding will take place in \$5.00 increments.
 - d. Over-\$100.00 bidding will be in \$10.00 increments.
6. **Rules 4 and 5 may be changed at the auctioneer's discretion to expedite the auction.**
7. Payments for purchased items are due at the end of the auction and shall be by cash or check with the appropriate ID. No two-party checks or credit cards are allowed. Disbursements to the Sellers will be by OCARC check, only. Sellers will be charged 10% of the selling price for items sold by OCARC.

A special table will be set up for donated items. The proceeds of donated items will go to the OCARC.

**The American Red Cross
George M. Chitty Building
600 Parkcenter Drive
Santa Ana, CA.
Second Floor, Room 208***

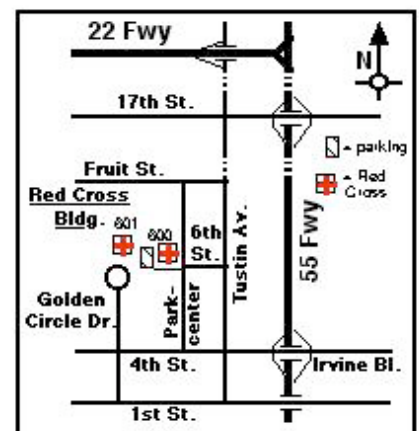
(Enter from the West Side.)

Note: The door locks after 7 PM.

If no one is there to let you in, call W6ZE on the talk-in frequency for admittance.

TALK-IN 146.55 MHz Simplex

* Room is subject to change.



A FEW of the RADIO AUCTION ITEMS (just a sample)

(OCARC Radio Auction – coming Friday, October 16, 2015)

- MFJ Model 493 Memory Keyer
- Vibroplex dual paddle keyer
- homebrew memory keyer
- telegraph style CW keys - 2 each
- paddle keyer
- Nart Products Model P1220 unidentified
- MFJ Model MFJ-941D Versa Tuner II (in original box.)
- MFJ Deluxe Verse Tuner II
- Crystal Filter 88H2, freq 8830 KHz
- mic & cable
- homebrew antenna pole with plastic pieces for dipole wires
- Kenwood model TS-430S HF transceiver
- Kenwood model TS-130S HF transceiver
- Swan Model 117-C power supply
- Swan model 500 SSB HF transceiver
- Tubes, maybe for Swan? 6HF5 & 6GK6 - 2 each
- Dell model P2210 22-inch flat-screen PC monitor (display great, USB ports bad)
- Heil model CC-1-K4 Mic cable. Fits XLR to older Kenwood & Elecraft
- Heil model AD-100 Adapter Cable. Adapts CC-1Y or AD-1Y Heil cables to fit Yaesu 6-pin mic connector radios. (8-pin round receptacle to 6-pin modular plug. Adapter for Yaesu RJ12 Mic Port)
- Weston Model 93 Laboratory DC voltmeter with mirrored scale. Sensitivity is 5,000Ω per Volt. Three ranges 0 - 3V, 0 - 150V & 0 - 300VDC.
- Heathkit Model MP-10 power converter
- ARRL Extra Questions & Answers book - Third Edition
- ARRL "Small Antennas for Small Spaces" book - edited by Steve Ford WB8IMY

And more.....





We need radio volunteers to assist with
ORANGE COUNTY OPERATION STAND DOWN
Official Event Dates are October 23rd-25th, 2015
Command/Communications Operations are *October
21st-25th

We need radio operators to assist with the **Orange County Operation Stand Down** event being held in Tustin. The net control station (NCS) and/or command/communications team will begin by setting up *Wednesday October 21st (exact time TBD) and communications-operations activation will be Thursday October 22nd at 8AM (0800). NCS operations will continue through to Sunday October 25th 11AM (+-). Volunteers are needed to assist with event communications. Consider volunteering your time and gain valuable radio operation expertise while helping us to provide assistance to US Veterans who have served our country.

We will join with the Orange County Rescue Mission to provide radio communication and logistic support services for the upcoming **OC Operation Stand Down** event. This is the biggest event in Orange County whose focus is to give back to the men and women who have served our country to defend our freedom. Mark your calendar during October 21st-25th, 2015 and join fellow Hams and volunteers for this honorable event. For more information or to sign up please contact Tom W6ETC by emailing w6etc@w6ze.org



**ORANGE COUNTY
STAND DOWN**
★ VETERAN RESOURCES ★

Operation Stand Down Mission:

The mission of the **Orange County Operation Stand Down** event is to help United States Veterans who are homeless, displaced, disabled or otherwise in transition become integrated into our community by providing them a continuum of opportunities through the Stand Down for Homeless Veterans and Veterans Resources Expo.

Operation Stand Down Radio Net Control Station (NCS) Mission:

NCS operators are command and communications group volunteers who assist with ongoing event logistics, operational and security support, vendor coordination, vendor and services location assistance and positions itself to be a (central) coordinated point of contact, enhancing operations and providing message services for event resources and volunteers. NCS also provides support for vendors, sponsors, participants, media and the event executive staff.

Experience requirements:

No experience as an NCS operator is required. Experience as a net control operator is a big plus! But experience as an NCS operator isn't required. What is required is a willing and positive attitude, ability to take instructions, and to listen carefully to requests. This would be a great opportunity for hands-on NCS training.

NCS (Command and Communications) Operational Schedule:

There will be four (4) NCS shifts.**

Shift assignments vary depending on the event requirements.

Traffic demands are expected to peak on Friday, October 23rd with the highest demand being on Saturday, October 24th, 2015.

Volunteers are needed to monitor the NCS traffic as follows:

Day Shift #1 = 6:00AM to 2:00PM (Onsite operations)

Day Shift #2 = 2:00PM to 9:30PM (Onsite operations)

Night Shift #1 = 9:30PM to 1:00AM (Night Shift offsite monitoring)

Night Shift #2 = 1:00AM to 6:00AM (Night Shift offsite monitoring)

**Shifts are subject to change based on event needs and volunteer pool. Volunteers can work more than one shift if desired.

Communication Event Schedule: Setup: NCS setup begins Wednesday, October 21st, 2015 at approximately 8AM (NCS scheduling: Shifts 1 & 2)

Activation: Thursday, October 22nd, 2015 7AM begins 24 hour NCS support (all shifts required) through Sunday, October 24th (Noon).

De-activation / Tear Down: Sunday, October 25th approximately 11AM, communications / dispatch is expected to deactivated (cease operations) and equipment takedown commences.



For information on how to sign up as a NCS Operator:

Volunteers or prospective radio Ops (Operators) are urged to contact Tom W6ETC by emailing w6etc@w6ze.org. Please include your questions, contact information and available dates/times!



Spread the word by downloading OC Operation Stand Down flyer [click-here](#)

For more information to get involved as a SPONSOR [click here](#)

For 'Stand Down Headquarters' general contact information [click-here](#)

Article by [Tom W6ETC](#)



ANNOUNCING NEW OCARC VE's (ARRL VOLUNTEER EXAMINERS)

The Orange County Amateur Radio Club board of directors is proud to announce and wants to congratulate the following members who have recently tested and received their ARRL VE Certification. Will you recognize and congratulate the following individuals on their success, and for their service and volunteerism efforts? They are:

- 1) Paul W6GMU
- 2) Doug K6PGH
- 3) Jack KK6VNB
- 4) Tom W6ETC
- 5) Don K6XBP



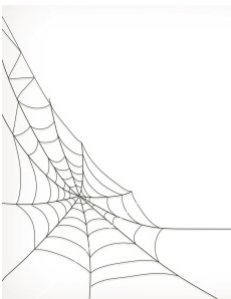
What does a Volunteer Examiner (VE) do?

Volunteer Examiners (VEs) are US licensed Radio Amateurs holding a General Class license or higher, who offer their time to administer the FCC licensing exams through a FCC authorized Volunteer Examiner Coordinator (VEC) organization. The ARRL VEC is the largest VEC organization in the US. A team of three or more ARRL VEs are able to test candidates applying for a new amateur radio license or upgrading an existing license.

Consider contributing your time and expertise to your Orange County Amateur Radio Club and local amateur radio community by becoming an ARRL VE. Serving the Amateur Radio community as a VE is a gratifying experience!

I believe the OCARC have other members who have also completed the VE process. If you've recently or previously received your ARRL VE certificate please let [Tom W6ETC](#) know so we can recognize your efforts. The OCARC board of directors also recognizes Arnie N6HC as a certified ARRL VE.

by Tom W6ETC



OCARC GENERAL MEETING MINUTES 2015-09-18

The September 18th, 2015 meeting of the Orange County Amateur Radio Club was called to order at 1905 PDT by President Tim - N6TMT. The meeting was held at the Santa Ana Red Cross George M. Chitty Building in Room 208.

The meeting began with the Pledge of Allegiance; followed by a round-the-room introduction of attendees. There were 24 attendees who signed in, including 3 guests (Cliff Pratt - N6PWC of Orange, Tony Gawel - KJ6UFG of Santa Ana and Mike Abrell - K6KAA of Tustin [a former club member from the 1970's]). Seven of the ten board members were in attendance, missing only the Secretary Ken W6HHC, and two Directors-at-Large, Nicholas AF6CF (out of the country on business) and Paul W6GMU. Bob - AF6C will take minutes for the meeting.

Tim announced that we would hold a short business meeting prior to conducting the show-and-tell program.

Old Business:

- **Storage Unit** - It was announced that the club has rented a storage unit for our tower sections and other club equipment. Dues will be raised to \$30/yr to help defray the cost of the storage, effective next year.
- **Auction** - The club will hold its yearly auction in lieu of the October meeting. Chip - K7JA will once again be our auctioneer 'extraordinaire'. Tim - N6TMT reported many auction items are coming from a silent key estate whose heirs donated his "ham" items to the club.
- **2016 Elections** – OCARC elections will be held at November General Meeting. Seven

- **Elections** cont'd - of the current board members are willing to serve on next year's board. The club is looking for others interested in participating on the board. **Members are encouraged to run for any of the board positions.**
- **VE Testing Plans** - The club is working on starting holding VE (Volunteer Examiner) amateur license testing. Possibly these tests will be held prior to club meetings three or four-times a year, and at Field Day.
- **Door Prizes** – "el Presidente", Tim N6TMT, announced that the club will not be having door prizes from now through the end of the year to help pay for this quarter's cost of the storage unit. Door prizes will resume next year.

New Biz:

There was no new business.

SHOW and TELL – Entertainment/educational portion of the meeting.

- (1) Arnie - N6HC and Doug - K6PGH reported on the currently active Route-66 special event stations. Arnie is one of the stations, operating W6B.
- (2) Arnie - N6HC also reminded the attendees that the TX3X DX-pedition to Chesterfield Island is scheduled to be on the air starting October 2nd. The operation will continue for almost two weeks. [Chesterfield Island is in Zone 30 off the northeast coast of Australia].
- (3) Tim - N6TMT briefly showed an app on his Kindle called the Virtual Slide-Rule that simulates a slide rule for the elder engineers [and physicists] in the club.

Tom - W6ETC, in partnership with the traveling... Nicholas - AF6CF, showed three items:

- (4) The first was a "Simplex Repeater" from Radio Shack (Model 19-345) that can repeat messages (up to 30 seconds) and can be used with ham gear to relay messages where terrain may interfere with direct communication.
- (5) The next two were HF amplifiers for QRP. The Hard-Rock 50 W amplifier
(<https://www.hobbypcb.com/products/hardrock-50-hf-power-amp>)

SHOW and TELL cont'd –

(6) and a Chinese 50 W amp available on eBay for \$190.

(<http://www.ebay.com/itm/45W-HF-Power-Amplifier-For-FT-817-ICOM-IC-703-Elecraft-KX3-QRP-Ham-Radio-/171788938700?hash=item27ff6b2dcc>)

(7) Greg - W6ATB presented two antennas. The first was a Halo antenna for two-meters, sold on the Internet

(<http://www.ebay.com/usr/glaantennasystems>).

(8) The other antenna was a two meter - 440 MHz five element portable log periodic antenna manufactured by Elk Antennas. You can find their ads in QST.



(9) Bob - AF6C gave a demonstration of a Braille Digital Talking Book Machine. These are the machines members Gene - KJ6OML, Bruce - KC6DLA and Bob repair volunteering at the Braille Institute in Anaheim.

(10) Fran - KJ6UJS showed a battery power source he built. It is based on a marine deep discharge battery and an Astron BB-30M battery backup module/charger. The battery pack will deliver up to 30 amps, and charge off of an automobile or the AC line.

(11) Tony - KJ6UFG (a visitor) demonstrated a smaller 12V portable battery supply he built into a Harbor Freight ammo box using a 12V 7A Gel Cell, a fuse and cigarette lighter connector. This unit was used for CERT preparedness.

GOOD of the CLUB:

Doug - K6PGH reminded members that the California QSO party is coming up October 3rd and 4th. Members can participate from their home, using their own call, and collectively credit their points to a club effort. This is the 50th anniversary. For rules and details: <http://www.cqp.org>

Tim - N6TMT relayed that Nicholas - AF6CF has sent a request to his representative to support H.R. 1301 (The Amateur Radio Parity Act of 2015). [Also S 1685 in the Senate.] It was suggested that the club, and individual club members, contact their Representative and Senators.

Tom - W6ETC mentioned his Comet antenna's SWR change dramatically after the recent rain. Members suggested it could be water accumulating in the traps, and he should be sure the drain holes in the traps are situated properly to encourage drainage.

Ken - W6KOS announced the Muscular Dystrophy Bay-to-Bay Bike Ride (Irvine to San Diego) will be held October 22 & 23. Contact Ken if you want to help with the communications.

No BREAK was held, and the meeting was adjourned at 2010 PDT.

Respectfully submitted,

Bob Eckweiler - AF6C
Technical Chairman
Acting Secretary



OCARC BOARD MEETING MINUTES 2015-10-03

The OCARC Board meeting was held at the Marie Callender's Restaurant on Grand Ave in Santa Ana on September 5th, 2015. There were a total of 9 directors and members and visitors attending. There was a quorum of Directors present with all directors in attendance except Doug K6PGH, Greg W6ATB, Paul W6GMU, and Robbie KB6CJZ.

Director Reports:

- **Treasurer** – Greg W6ATB was absent, but had prepared a financial report for the board (see page 13 of newsletter). The club currently has \$5,576 in the bank.

OLD BIZ:

• Newsletter Editors

Oct - Corey - KE6YHX;
Nov - Greg W6ATB
Dec - Bob AF6C
Jan - Ken W6HHC
Feb - Tom W6ETC

• Program Speakers for Club Meetings

Oct - Radio Auction
Nov - DIY Emergency / Battery and Solar Powered Backup Devices, also the 2016 elections will be held
Dec - Club Christmas Party (Dec 04)
Jan - ??

• Los Alamitos JFTB Base for Field Day?

Paul W6GMU prepared a report (given by Nicholas AF6CF) that the people at JFTB had given a verbal "yes" to approval for 2016 FD by OCARC. The paperwork now has to be prepared and submitted.

- **BandPass Filters for Field Day** – Bob AF6C reported that the best RF bandpass filters currently available are made by Array Solutions and cost around \$75 (plus shipping and tax). The Board approved buying one filter for use by the 20M CW station.

- **Membership PayPal button** - The committee will work out the PayPal list details and Report back to Board. Ken W6HHC will call a work-session meeting for the week of Oct 12 with committee members Tom-W6ETC, Greg-W6ATB, Ken-W6HHC, and Nicholas-AF6CF.

• 2016 Election Committee

The following board members said they were willing to be nominated for the Board in 2016: AF6C, AF6CF, N6TMT, N6XBP, W6ATB, W6GMU, and W6HHC. Ken W6HHC will call an election work-session meeting for the week of Oct 12 to fill the remaining slots.

• Moving More Equipment into Storage Unit

The board will set up a moving session to move club equipment from QTH of W6HHC, N6TMT, and AF6C to the new storage unit. N6XBP will drop off the new FD lanterns at the storage unit on his way from work.

NEW BIZ:

• Better Organizing Membership Data

Membership Chair, Don N6XBP, offered to set up a database on the club web site that will better capture the club membership information and be able to print out a PDF report. Ken W6HHC will provide Don with authorization to the club web site and 1and1.

• Christmas Party Prizes

The board approved a motion that the club will sell tickets for radio prizes this year, and will spend a total of up to \$500 for radio prizes (not including any donations...such as the ICOM IC-706-mk2 door prize) and spend up to \$150 dollars to purchase 10-to-12 gifts for Women.

Respectfully submitted by:

Ken W6HHC – secretary



OCARC Cash Flow - Year To Date

1/1/2015 through 10/2/2015

Category	1/1/2015- 10/2/2015
INFLOWS	
Auction In	50.00
Badge Income	12.00
Dues, Family	130.00
Dues, Future	20.00
Dues, Membership	1,030.00
Dues, New Member	178.00
Field Day Food Advance	505.00
New Badge	6.00
TOTAL INFLOWS	1,931.00
OUTFLOWS	
Bank Svc Chg	45.00
Door Prize	300.00
FD bathroom cleaning	50.00
Field Day - Flowers	49.04
Field Day - Gas	64.71
Field Day Food	780.00
Field Day Other	151.49
PO Box Rental	56.00
Storage Locker	196.48
Web Site Hosting	134.91
TOTAL OUTFLOWS	1,827.63
OVERALL TOTAL	103.37



Having what it takes to be an **Elmer**

Article by Tom W6ETC, OCARC VP 2015

One of the unique characteristics of the OCARC is that it has a large group of Extra, Advanced and General class licensed Amateur Radio operators who have expressed a willingness to assist aspiring, as well as newly licensed, Ham Radio enthusiasts.

So what exactly is an Elmer?

The term 'Elmer' is often used these days. An Elmer can be defined as a Ham who, in plain English, acts as a mentor of new Ham Radio operators.

Most folks outside of Amateur Radio typically would NOT recognize the term 'Elmer' but may recognize a more common expression such as 'Mentor.' No matter how you look at it, whether you call them a 'Mentor' or 'Elmer', their mission is to provide a positive influence that impacts every Op's (operators, more specifically radio operators) level of self-confidence and knowledge by expanding their sense of discovery and helping to facilitate future Amateur Radio operational expertise.



The National Association for Amateur Radio (ARRL) has always felt that the local radio club is the best place where real Amateur Radio operations learning takes place.

The mission and objective of the OCARC Elmer program mirrors the ARRL's Elmer (mentoring) program.

Is an 'Elmer' an expert on every aspect of Amateur Radio?

The obvious answer to the question is **NO!**

Amateur Radio is a great hobby that offers and helps develop a wide range of Radio and Electronic disciplines. Ham Radio operators communicate by voice, data (computers), Morse code and other exciting ways. Ham Radio operators can be motivated to be part of the hobby because of interests in emergency communications, electronics, computers, wireless technologies and more. Amateur Radio is the ***premier*** high-tech hobby and it's a hobby that is enjoyed by many people from all walks of life from around the world. As such, it offers a diversity of opportunities, encourages the development of various disciplines to communicate with interesting people from within Orange County, surrounding communities and around the world.

The term Elmer often describes men and women who really care about others and who demonstrate that they are willing to cooperatively and collaboratively share their time and their expertise in helping (mentoring) new (and old) Ham Radio operators. Their efforts assist in developing the skill sets of future Amateur Radio operators.

An Elmer also becomes a sounding board for those who just need someone who they can look up to and talk to from time to time... to ask questions about the hobby's various technical or operational disciplines without having to feel intimidated or fearing that their question or questions may seem dumb or just plain stupid. An Elmer knows that there are **no** stupid questions!

Do you have what it takes to be a successful OCARC Volunteer Elmer?

Answer these questions:

- Do you believe that Hams share a fascination with communications, electronics and new technologies?
- Do you have a real interest in promoting Amateur Radio and are you willing to share your expertise and experiences?
- Do you enjoy being and interacting with others?
- Would you describe yourself as a good listener? A good radio operator should be willing to listen to others.
- Do you have an in-depth knowledge of different aspects or disciplines of Amateur Radio operations that you are willing to share with others?
- Are you willing to help others become more successful in reaching their own expectations and understanding of Amateur Radio operations?
- Can you encourage and be patient with others?



**I want you to
be an Elmer!**

If you answered yes to **any or all** of the questions above, then you may be a great candidate to help others. All that's required is to volunteer a little of your time to someone that may or may not be new to Amateur Radio. Just imagine what that could mean to someone who is struggling to learn or has hit a little bump in the road. What might seem simple to you may be a new, profound

experience to another. Imagine knowing that because you cared enough to share your experiences, you made another Ham's experiences so much better!

NO Elmer experience is required, and it doesn't take a lot of time or effort on your part.

What are the Benefits of being an OCARC Elmer / Peer / Mentor?

- You gain the satisfaction of passing along a legacy of your knowledge, insight & experience
- Your own leadership skills are enhanced
- You gain the unique perspective of how others view the world of Amateur Radio and how you can have a positive influence in their experiences
- You gain enhanced self-esteem and respect from others that comes from helping a fellow radio operator
- You are rewarded with the satisfaction of making a real and positive difference in someone's life
- You get a better return on your invested time when you consider others' needs
- And as an Elmer you receive a Huge amount of satisfaction knowing that you have been a positive influence to the Orange County Ham community

Interested in being an Elmer? Want more information?

If you are willing to be added to the volunteer Elmer, list please contact one the following. Please include your contact information and areas of interest:



OCARC President: [Tim Millard N6TMT](#),
OCARC Vice President: [Tom Cowart W6ETC](#)
OCARC Secretary: [Ken Konechy W6HHC](#)
OCARC General Mailbox: OCARC_info@w6ze.org

The OCARC is a nonprofit organization that is celebrating more than 82 years of serving the Amateur Radio community of Orange County, California. As a result of its longevity it largely consists of highly experienced Ham operators.

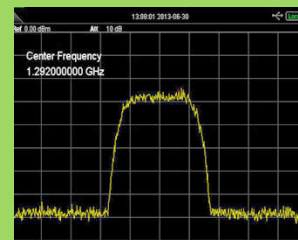
We are very proud of our Amateur Radio veterans who consistently help to keep the OCARC membership informed of the latest technological advances and happenings within this exciting hobby. Regardless of where you are in your journey into Amateur Radio, the OCARC is where you'll find friends and peers ready to share their insight and expertise



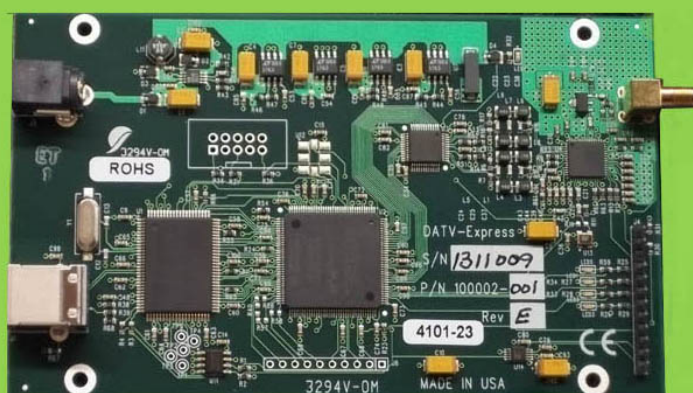


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