

ALL EARS

www.earsclub.org

The official bulletin of the Escondido Amateur Radio Society – N6WB September 2014

September's Meeting Details



Our meeting in September will be given by our very own Jeff Murdock, AE6GM, Jeff will be talking about CERT's role in the recent Carlsbad fires.

See Matt's VP article for more details...

EARS Event Calendar - 2014

- Aug 16 Monthly Breakfast, 8:30 a.m.
- Aug 16 **EARS Picnic**, 03:00 p.m.
- Aug 21 Board Meeting, 6:00 p.m.
- Aug 30 **VE Testing**
- Sep 11 EARS meeting, 7:00 p.m.
- Sep 18 Board Meeting, 6:00 p.m.
- Sep 20 Monthly Breakfast, 8:30 a.m.
- Sep 27 **VE Testing**
- Oct 09 EARS meeting, 7:00 p.m.
- Oct 16 Board Meeting, 6:00 p.m.
- Oct 18 Monthly Breakfast, 8:30 a.m.
- Oct 30 **VE Testing**

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The Presidential Prose

By Mike Hightower, KF6SJ



Fall is just about to begin, the kids are back in school, and it is time for the 2014 ARRL Southwestern Division Convention in just a few days.

It is the weekend of September 12th through the 14th and is located at the Four Points by Sheraton in Kearny Mesa. This is the



same location as four years ago when this convention was last held in San Diego.

If you attend, don't forget to drop in on Harry Hodges' W6YOO two presentations, "DX 101" and "Islands On The Air (IOTA)".

The EARS 2 meter repeater is undergoing some maintenance. We have been experiencing sensitivity issues and other strange problems with the repeater.

A group spent last weekend at the repeater site reviewing the current status of the equipment and performing maintenance, but there is much more planned.

The antenna, feed line, and the 70cm repeater controller will probably be replaced. We are even considering purchasing a new repeater.

Here are (left to right) Roger K6EQ, and Roger's son Mike W6MKE, Marvin W6MJM, John W9EN, working on the repeater. Photos courtesy of Matt N6EAJ.



Below are the 2 meter and 70 cm repeaters and their controllers. The controller for 70 cm is the printed circuit board in the middle without any cover. This is 20 year old design using an ultraviolet erasable memory and a Signetics 87C451 microcomputer.



A few weeks ago, I worked the North American QSO Party SSB contest with my new radio (Flex-6300). Getting a new radio was like getting toys on Christmas morning as a child.

It was much fun. The only negative was that I had to pay for this toy out of my own pocket.

Happy operating and 73,
Mike KF6SJ

Verbal from the VP

By Matt Tucker, N6EAJ



I hope those that came to the EARS 2014 picnic enjoyed it.

Thanks to everyone that helped out with the picnic...

Especially Jo Ashley KB6NMK for bringing stuff and helping setup, Teri Bloom W6TRB for arranging for pizza and setup, Jeff Murdock AE6GM for his 2m antenna building class, and Sam N6SD for setting up and bringing the T-hunt transmitters.

Although there was still plenty of work to be done, ordering pizza shaved off a lot of work compared to a BBQ.

The ice cream and 2m antenna building class were a big hit.

John N6EP, Mitch K6BK, Marvin W6MJM, and Gary KA6OCA show that hams can still rag-chew.



Jo KB6NMK gets a helping hand from Jeff AE6GM in Jeff's 2m antenna building class



Mike KF6SJ sweeps a newly built antenna to see if it needs to be trimmed.



New EARS member Dennis KK6OES with a smile after finding his first hidden transmitter



Here is a large batch of pictures from the picnic.
<https://onedrive.live.com/redir?resid=6F991E59259C06DB!741&authkey=!AlirsR3UqtBwfwQ&ithint=folder%2cJPG>

September EARS meeting:

Our Thursday September 11th EARS meeting will be Jeff Murdock AE6GM presenting about how Carlsbad CERT was involved with the May 2014 Carlsbad fires.

Although they did not need to use ham radio to communicate during the fires, Jeff will discuss how ham radio could have been used if local communications were down.

Jeff is the CERT volunteer Coordinator for the City of Carlsbad.





I hope to see you at the meeting
Matt, N6EAJ

Teri's Tales

By Teri Bloom, W6TRB



The move from the Salvation Army location went well for most all members; unfortunately, the officers had additional duties to perform!

There was a room Major David let us use, Sam N6SD built custom shelves and the antennas and radios were installed.

We also used it to store boxes of EARS club documents; mostly photo albums, old bank statements and previous newsletters.

We called it the Radio room.

When we moved to the San Diego Foundation's conference room for our monthly meetings, new homes had to be found for the boxes of stuff.

I took possession of the boxes and the photo albums and old newsletters are in process of being scanned and uploaded to EARS cloud so all members can look at the club's history. The bank statements and other useless documents have been shredded and recycled.

While going thru the boxes several repeater books were discovered. Recently the repeater has been having hiccups and not doing its job. The books were needed for research and resetting the repeater.

Murphy's Law: when the repeater went down, I was on my first vacation in several years and not available to hand the books to the repeater repair crew.

Thank goodness I was able to return home and get the 4 books, 1 binder and a manila envelope full of codes to the crew by Friday afternoon so they can get up the hill to work on the errant repeater.

As far as August's 'meeting was concerned - The annual EARS picnic at the Ron McLeod Park was a lot of fun.

I want to thank Jeff AE6GM for his informative and fun presentation on making an emergency 2M antenna. Ten EARS members sat at the tables sharing tools and helped each other especially with flipping the coax braid backwards. We were able to test the antennas with an analyzer and all were within specs to work.

Matt N6EAJ had the most important duty... bringing the ice cream! Having the picnic later in the day was a great idea. The park was not hot; we even had a cool breeze the entire day. We were mostly set up under the shade of some big trees and the presentation was set up under some pop up shades.

Sam N6SD provided the transmitters for the foxhunt, they were hidden well and really tested the participants. Several folks ended up with temporary tattoos thanks to Matt N6EAJ's daughter who brought her paints and stencils and her mini compressor. Several of the other children in the park were sporting tattoos, too.

It was really nice to sit and talk to our fellow hams, and it turned into a very nice picnic.

73

Teri W6TRB

Toastmasters

By Robert Kitson, KI6SBL



Robert Kitson, KI6SBL, will be giving a speech at Felicita Humor Toastmasters on Tuesday, November 4, 2014.

The speech is about the importance of amateur radio in today's world of cell phones and the Internet.

He is looking for your insight on the subject, so please send your thoughts to:

ki6sbl@earsclub.org

Thank you for your support.

EARS Elmer List

By Steve Venner, W6TAN



Here is the current list of those kind souls who have volunteered their Elmer services:

1. Harry Hodges, W6YOO
 - *Award programs such as WAC, WAS, DXCC, VUCC, IOTA, etc. to include card checking.*
2. Dick Kalkofen, K6KAL
 - *Software development and hardware interfacing.*
 - *Radio to PC communications.*
 - *Logging Software: WinTest, Writelog, DX4Win, N1MM, Ham Radio Deluxe and many others.*
 - *Digital mode software, link FLdigi, MMTTY for PSK, RTTY, WISPR, JT65 etc.*
 - *Kit building (WinKeyer USB, FA-SM CW/Voice Keyer, Idiom Press Voice Keyer.*
 - *Antenna setup and tuning.*
3. Matt Tucker, N6EAJ
 - *General electronics (analog), power supplies, audio, batteries.*
 - *PSK31 and similar digital modes.*
 - *Operating and setting up the computer/radio interfaces.*
 - *Basic antennas (VHF for home or car), HF dipoles and multi-band doublets / antenna tuners.*
4. Mike Hightower, KF6SJ
 - *HF and in particular, digital modes of PSK31 and JT65.*
5. John Musselman, N6EP
 - *HF, electronics, contesting, "other"...*
6. Marvin Munster, W6MJM
 - *Emergency Power Sources, Batteries, Solar, etc.*
 - *DC Cables and Hook-Up*
 - *Coax Cables and Connector Assembly*
 - *DC Power Distribution*
7. Ron Pollack, K2RP
 - *Antique and tube equipment (boat anchors)*

General Information

EARS Club Officers for 2014:



President

Michael Hightower, KF6SJ
(858) 382-4041
mike@hightower.com



Vice President

Matt Tucker, N6EAJ
(760) 839-1205
mail4tucker@gmail.com



Secretary

John Musselman, N6EP
(760) 747-5303
n6ep@arrl.net



Treasurer

Teri Bloom, W6TRB
(949) 874-9250
w6trb@earsclub.org



Emergency Services Coordinator

John McNelly, AF6UA
(858) 449-3326
ears@mcnelly.org

Officers at Large:



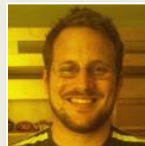
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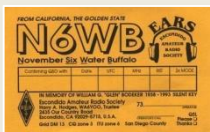


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About ALL EARS:



ALL EARS is the official bulletin of the Escondido Amateur Radio Society.

An e-mail subscription to **ALL EARS** is FREE!

You don't need to be a member. Just drop a note to:

allears@earsclub.org

Permission is given to copy any article contained in ALL EARS when not otherwise copyrighted, and provided proper credit is given.

Note: The deadline to submit material for the bulletin is by the 1st Thursday of the month.

Non-elective:



Past President

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Webmaster and Newsletter Editor

Steve Venner, W6TAN
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w6tan@earsclub.org

General Information cont'd

SUNDAY EVENING NET

EARS Sunday evening net is every Sunday at 8 p.m. local time. You can get the latest information on club activities there.

Just tune in to the club's 2m repeater at 146.88 MHz, negative offset and PL of 107.2, check in and say "Hi!".

SECTION NEWS

The latest happenings around San Diego are available at the official website of the ARRL San Diego Section:

<http://www.arrl.org/Groups/view/san-diego>

EARS PINS

EARS 2010 Board had EARS lapel pins made. They are yellow 1" circles with the EARS Logo in the middle.

They are only \$5.00 each, so get yours today by contacting: Robert Kitson; ki6sbl@earsclub.org

AMATEUR RADIO LICENSE RENEWALS AND CHANGE OF ADDRESS

To renew your license or supply the FCC with a change of address, use NCVEC Form 605 (obtainable from Harry, W6YOO).

Attach a photocopy of your license and mail to:

SANDARC VEC,
5511 Maryland Drive,
La Mesa,
CA 91942-1519.

Note: You **MUST** include your FRN Number.

There is no charge for this service.

HAM RADIO LICENSE PLATES

All California hams may receive their call sign on their license plate.

Use DMV Form REG17A. The cost is \$21.00 and is a one-time fee.

VE TESTING

A SANDARC Volunteer Examiner team administers license examinations on the last Saturday of each month at 9:00 a.m. at:

LDS Church
2255 Felicita Road
Escondido,
CA 92026

For more details, see:

http://www.earsclub.org/ears_ve_sessions.html

Contact Harry, W6YOO, at (760) 743-4212 or w6yoo@amsat.org to schedule an appointment.

SANDARC

"EARS" is a member of the San Diego Amateur Radio Council, an association of San Diego area Amateur Radio clubs.

Among other things, SANDARC runs the local Volunteer Examiner program (SANDARC-VEC), and manages the ARRL southwestern Division Convention when held in San Diego every fourth year. See www.sandarc.net

CLUB REPEATERS

"EARS" operates three repeaters in the Escondido area.

- 146.88 MHz, minus offset, PL 107.2
- 224.14 MHz (AE6GM repeater), minus offset, PL 156.7
- 449.24 MHz, minus offset, PL 127.3

The 2m and 70cm repeaters are local in nature and primarily serve the immediate Escondido area.

ECHOLINK

The 2m repeater is tied to the EchoLink system as node 2846.

See the Club website, www.earsclub.org for information on EchoLink.

There is also a listing of local EchoLink codes in the members section of the website.

General Information cont'd

EARS WEB PAGE

"EARS" is on the Internet!

You can read about upcoming activities, get links to other ham radio sites, read back issues of All Ears, or update your call or address.

The site is updated regularly. Check it out at www.earsclub.org

EARS REFLECTORS

These are free services that keep members up-to-date via e-mail.

To subscribe to either one of the reflectors, go to the EARS website and click on the Yahoo or Google Group links at the bottom of the main page.

We are also on Facebook!

CHANGE OF ADDRESS OR CALLSIGN

Please let us know if you change your address, call-sign, telephone, license class, e-mail, etc.

We want to keep our records up to date, so please contact any club officer with the updated information.

CLUB BADGES

Let everyone know that you are a member of EARS, and avoid having them guess what your name is.

Get your Club Badge from:

Glaser Bailey,
2015 S. Escondido Blvd,
Escondido,
CA 92027
(760) 743-5551

MONTHLY BREAKFAST

EARS members meet socially on the third Saturday of each month at 08:30, at:

J and M's Family Restaurant,

1215 East Valley Parkway
CA 92027

(760) 745-3710
www.jandmsrestaurant.com

ARRL LETTER

The ARRL Letter, a weekly e-mailing of Amateur Radio related news, is available to ARRL members free of charge directly from ARRL HQ.

To subscribe for e-mail delivery, ARRL members first must register on the Members Only Website, www.arrl.org/members.

The ARRL Letter is also available to all, free of charge, at www.arrl.org/arrlletter where it is posted each Friday after it is distributed via e-mail.

EARS HATS, SHIRTS AND JACKETS

Hats, shirts and jackets are available with the EARS logo.

Order them directly from:

Print World,
107 S. Andreasen Dr.,
Escondido,
CA. 92029
(760) 747-6443

Just let them know you are a member of EARS.

Emergency Services

MONTHLY ARES® MEETING

The San Diego section ARES® meets on the second Saturday of each month at 8:00 a.m. at:

Scripps Memorial Hospital,
Nobel Room,
Schaetzel Building,
9890 Genesee Ave,
La Jolla,
CA 92037.

Parking is available in the first lot to the right after the guard shack. The parking fee is \$4.00 and is antenna friendly.

If interested, go to www.sdgares.net or contact Steve Early, Section Manager, (619) 461-2818, or via e-mail at ad6vi@arrl.org.

EMERGENCY SERVICE NETS

Amateur Radio Emergency Service (ARES) San Diego

Sunday, 08:30 146.730 (-) 107.2

Community Emergency Response Team (CERT) Escondido

Tuesday, 19:00 146.880 (-) 107.2

Followed by 146.445 SIMPLEX, as directed

Community Emergency Response Team (CERT) North County and Back Country

Wednesday, 19:00 147.030 (+) 103.5

Followed by 146.445 SIMPLEX, as directed (on 2nd & 4th Wednesdays)

Radio Amateur Civil Emergency Services (RACES) San Diego County

Monday, 7:30 PM 147.195 (+) 114.8

Escondido Amateur Radio Society

Membership Application and Renewal Form

*Call _____

*Last Name _____

*First Name _____

*Street Address _____

*City _____ *State _____ *Zip _____

Home Phone _____

Cell Phone _____

*Email _____

License Expires _____

EARS Family Members _____

License Class _____

First Licensed _____

Old Calls _____

Date of Birth _____

ARRL Member (Y/N) _____ Life Member (Y/N) _____

Amateur Related Interests _____

ARRL, RACES, ARES, SATERN, Red Flag, HF, VHF, UHF, Packet, EchoLink, D-Star, T-Hunt, ATV, Field - Day, Contests, Antenna Design, Equipment Building

Are you willing to run for a club office (Y/N)? _____

Note: Fields marked with a (*) are required.

A Telephone number is requested, but may be unlisted in the roster if you prefer.

Membership Rates:

One year \$15.00
 Family membership \$4.00
 Lifetime membership \$150.00
 Lifetime membership (family) \$38.00

Mail this form with payment to:

EARS,
 PO Box 3243,
 Escondido,
 CA 92033,

Or give it to the treasurer or any other club officer at a regular club meeting.

Checks please, it is safer than cash, and you have a record!

Membership is from January 1 to December 31.

After July 1, membership to the end of the year is ½ the annual fee.

Special rates apply for family membership for each additional licensed amateur radio operator in your immediate family and for lifetime membership.

For membership confirmation, include a self addressed stamped envelope with this form.