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ALL EARS

The Official Bulletin of the
Escondido Amateur Radio Society—N6WB



March, 2015

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March, 2015 EARS Events

Thursday, March 12, 2015 (7:00pm)

EARS Monthly Regular Meeting

- Over-The-Horizon-Radar (OTHR).
Bill Calderwood, K1CT

Tuesday, March 19, 2015 (6:00pm)

EARS Board Meeting

Field Day Meeting

Saturday, March 21, 2015 (8:30am)

EARS Monthly Breakfast

From the Club President

Happy **St. Patrick's Day** and **Spring Equinox**!

Being an engineer, I like the symmetry of days being evenly split between daylight and nighttime. We have a club meeting on March 12th. The presentation will be by Bill Calderwood, K1CT. He will be discussing Over the Horizon Radar (OTHR). This radar technique is very cost effective for countries to use and misuse. Some countries are building systems which may interfere with our ham bands. Other members that have heard this presentation give it two thumbs up. Come and hear Bill's excellent presentation.

The club has been working on locating a site for our annual auction in April, but we have had some difficulty. I'm cautiously optimistic that we will be able to find a suitable facility that will have us. In the past, we have had the auction in the evenings at the Salvation Army. That facility is no longer available to us. As of the writing of this article, we have a couple of locations that are possibilities.

For any of our members involved with the Boy Scouts, there is a new 2 meter net called the "Boy Scout Amateur Radio Net" on the PARC 147.130 MHz machine PL 107.2 on Thursday nights at 7PM.

SANDARC has elections coming up in a month. If anyone is interested in running for any of the four elected officer positions of Chairman, Vice Chairman, Secretary, or Treasurer, please contact me. Nominations are due by March 26th and the elections will be held on April 30th. SANDARC is a countywide organization comprised of the local ham clubs in which our EARS club is a member.

One of several activities of SANDARC is the sponsoring of amateur license examinations and special classes in the county.



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

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



From the Club President *(continued)*

Our next opportunity drawing will be for a Yaesu FT1D System Fusion Dual Band VHF/UHF HT in the silver case. Our treasurer will be selling tickets for this radio at our upcoming



club meetings. It has the C4FM digital mode and APRS beaconing in a small hand held footprint.

Speaking of System Fusion, our 440 MHz repeater has been returned to Yaesu a second time since we put it on the air this past October. The transmitter has failed again. Apparently, we should not be running in high power mode. Reports are that the units have thermal problems when the transmitting for long periods of time. When we put it back on the air, we will be running it at the mid power setting of 20 watts.

Upcoming March Events:

Palm Springs is a great place to visit in the spring anyway, AND they have a hamfest on March 14th. It is indoors at the same location as last year, the Palm Springs Pavilion.

For the testers in our club, March has a couple of interesting SSB phone contests:

March 7-8, ARRL International DX SSB Contest

March 28-29, CQ WW WPX SSB Contest

If you need states or countries for various awards, contests is a method of making those contacts.

Happy operating and 73's,
Mike Hightower KF6SJ



Not Shown in
Actual Size

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 and will be sold at EARS functions.

See Rob Kitson

CQ Field Day

Plans for Field Day this year are in full swing already.

I have the SSB, CW/Digital, VHF/UHF Band Captains, as well as the GOTA Captain. Thank you Matt N6EJ who is our SSB Captain, Mike KF6SJ, who is our CW/Digital Band Captain, Fred W6PBR and Zac KJ6MLT who are our VHF/UHF Band Co-Captains, and Bud AE6BH who is our GOTA Captain. Thank you for stepping up and helping this year.

A big thank you to John W9EN who will be doing our Satellite/ISS operations at the VHF/UHF Station !!

The Field Day Planning Meetings will be held at the same place as our regular meetings, immediately after the Board Meetings (third Thursday of every month at 6:00 pm), in the months of March, April, May, and June 2015.

I would like to urge everyone in EARS to attend these important Field Day Planning Meetings.

I still need a Tower Manager, who is in charge of making sure the antennas and towers get to the site and get up in the air. I also need a Food Captain, who is in charge of organizing the Friday night dinner, the Saturday and Sunday breakfasts, the Saturday lunch, and the members dinner Saturday night—this is not as hard as it sounds...

We will also need operators and loggers for both the CW and SSB stations. If you would like to operate, log, or both, please let me know. If you are new to ham radio, logging is a great way get the hang of it. We will have a short logging and operating class the Saturday of Field Day weekend before all the fun begins.

If you have any questions, please let me know.

Vivian W6NWF

FieldDay@earsclub.org

Cell/text anytime:

760-715-2876



Vice President Report

A big thank you to Gene, WB9COY (*pictured to the right*) for his excellent presentation on BBHN last month. My hat is definitely off to Gene. He seems to always find the time in his busy work schedule to play with some really cool stuff.

At our next meeting, Bill Calderwood, K1CT, will make a presentation on Over-The-Horizon-Radar (OTHR). The HF over the horizon radar (OTHR) brief will describe the history of OTHR, who uses OTHR and why, and how the Ham can identify OTHR activity that might intrude on Ham bands. OTHR is of particular interest as it is very cost effective, and several countries are building systems which ultimately might increase the interference we experience on the ham bands.



Bill (*pictured below*) is an Amateur Extra class and has been licensed for 52 years. Bill also holds a 2nd Class Radiotelegraph and a General Radiotelephone license with radar endorsement. Bill served in the US Navy for 32 years in the Electronic Warfare field, and has been employed as a Navy support contractor for the last 13 years.



Our club auction is still missing a venue. Anyone with any ideas should please contact Jo Ashley or any other one of the club officer's. Time is running out and without a venue, we may need to postpone or cancel this year's auction.

73 de
John Belstner, W9EN



March Board Talk

Each month All EARS will be asking a question to be answered by our Board Members in hopes to start a conversation. This month we asked:

What is your most memorable contact or rag chew experience?

I have two memorable contacts. The first was before I had my ham license. My Dad (N6ATQ) had me talk to someone on Prince Edward Island (East coast of Canada) on the radio. I was probably about 10 years old and remember looking at the map to see that it was a different country and all the way across N. America. That impressed me. The 2nd memorable contact would have been my first solo HF contact. It was on a Kenwood TS-520S and to a person in Kansas. It wasn't very far, but I was excited to make my first HF contact. **Matt Tucker, N6EAJ**

My most memorable contacts were in 1967 and '68 aboard the U.S. Coast Guard Cutter Minnetonka, a 255-foot ship based in Long Beach. We didn't have any ham radio equipment until we were deployed to Vietnam, and other places in the Far East, for gunfire support and interdiction duty. The District Office purchased a Swan 500C with accessories for running the "wet side" of phone patches home. That salt water ground plane worked great and we had a regular set of stateside hams who ran the patches for us. **Roger, K6EQ**

Now it's your turn. Share with us your most memorable contact or rag chew experience and we will place it in the April, 2015 issue. Email: AlIEARS@earsclub.org

2015 EARS Field Day T-Shirts

Order your 2015 EARS Field Day t-shirt **TODAY!**

Email Your Size to: K16SBL@earsclub.org

Price will be determined by quantity ordered. They will not be more than \$25.00.

LAST CALL

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.

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.

EARS Elmer List

Compiled 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. 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.
3. Mike Hightower, KF6SJ
 - HF and in particular, digital modes of PSK31 and JT65.
4. John Musselman, N6EP
 - HF, electronics, contesting, "other"...
5. Marvin Munster, W6MJM
 - Emergency Power Sources, Batteries, Solar, etc.
 - DC Cables and Hook-Up
 - Coax Cables and Connector Assembly
 - DC Power Distribution
6. Ron Pollack, K2RP
 - Antique and tube equipment (boat anchors)

FIELD DAY 2015
June 26, 27, 28



EARS would like to welcome a new Life Member.

Joe Coronas, N6SZO



EARS Membership Application

EARS Membership Application

☐ New ☐ Renewal ☐ Life

*Last Name

*First Name

*Street Address

*City *State *Zip

Home Phone

Cell Phone

*Email

License Expires

EARS Family Members

License Class

First Licensed

Current Call Sign / Former Call Signs

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 on 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.



EARS 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