

ALL EARS

www.earsclub.org

Official Newsletter of the Escondido Amateur Radio Society - N6WB

January, 2011

JANUARY MEETING 7:00 pm SPECIAL TIME!!!

EARS will meet at 7:00 pm, Thursday, January 13, 2011 at the Salvation Army building at 1301 Las Villas Way, in Escondido.

EVENT CALENDAR

- **Jan 13 EARS Monthly Meeting**
- Jan 15 EARS Monthly Breakfast, 8:30 a.m.
- Jan 15 Kits Building Event, 11:00 a.m.
- Jan 20 EARS Board Meeting, 7 p.m.
- Jan 29 VE Testing
- Jan 29 Palm Springs Hamfest

- **Feb 10 EARS Monthly Meeting**
- Feb 17 EARS Board Meeting, 7 p.m.
- Feb 19 EARS Monthly Breakfast, 8:30 a.m.
- Feb 28 VE Testing

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:

John Musselman, N6EP, 2011 President
n6ep@arrrl.net

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EARS Club Officers for 2011

President

John Musselman, N6EP, 760-747-5303
n6ep@arrrl.net

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w9en@arrrl.net

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Teri Bloom, W6TRB
feisty5ft@dslextreme.com

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Officers at Large*

All persons with an asterisk (*) plus:

Jeff Murdock, AE6GM, 760-730-3657
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Newsletter Editor

Open

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rkitson2001@yahoo.com

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w6tan@earsclub.org

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w6mjm@amsat.org

PRESIDENT'S CORNER

Happy New Year!

As your new President, I'm looking forward to 2011. This will be my 45th year in ham radio and I've enjoyed every one of those years. It's not just a great individual hobby, but also a fun group activity. I have always enjoyed both working the radio and also getting together with the people who make up EARS.

So, we're starting off the year with an activity that reflects both group fun and individual achievement. Our January meeting will feature Joe Eisenberg, K0NEB, and a presentation on the joys of kit-building. Then, on the following Saturday we will actually have the hands-on chance to build something. In the beginning, that was the only way you could even get on the air – build it yourself. Nowadays, you just plunk down a few dollars and plug it in. But the technical aspect of the hobby is still alive and open to all. If you haven't explored this side of the hobby, it's time to get your feet wet and make that solder flow. And if it's been a while since you slathered some solder, come on out and help a newbie.

Later this month, I want to extend a tradition started by Steve Venner, W6TAN. I'm organizing the second annual (actually, biennial) Hamster Hike on Saturday, January 22. This time, we'll scale the heights of Mount Israel. No, we're not flying off to the Holy Land. Mt Israel is right here on the southwest outskirts of Escondido. It's a rugged climb, only suitable to the healthy, but the reward is an uncluttered view of the entire San Diego area and out to San Clemente Island. Bring your HT and repeater directory! This is for Hamsters after all. *(Note that if the weather doesn't cooperate we'll reschedule.)*

I hope this gives you an idea of what is in store for the year ahead. EARS is one of San Diego's most active ham radio clubs and you can all be part of the fun.

73,

N6EP, John
2011, EARS President

2011 PRESENTATIONS

The following list has been provided by EARS 2011 Vice President, John Beltsner:

- February ~ High Altitude Balloon Projects
- March ~ Amateur Radio Satellite Mobile
- April ~ Annual EARS Auction
- May ~ ARISS contact with San Diego School
- June ~ Antenna Tuning and Optimization
- July ~ D-Star Voice and Data for EmComm
- August ~ Annual EARS Family Picnic
- September ~ EmComm Go Kits
- October ~ Emergency Services Update

- November ~ Repeaters and Linking
- December ~ EARS Annual Christmas Party

Back-up Presentations:

- Software Defined Radio for Dummies
- Microwave Contesting
- Introduction to Satellite Operations
- Working the HF Digital Modes
- Contest Operations/Etiquette/Strategy

Here is a tease for the February Meeting:

February's program for the General Membership Meeting will be presented by Rick Miller, AI1V on "**High Altitude Balloon Projects.**" Rick Miller, PhD is a Senior Systems Engineer at Argon ST in Fairfax, VA. Rick holds an Extra Class Amateur Radio license and is an active member of the Loudoun Amateur Radio Group K4LRG and has participated in several of their High Altitude Balloon Projects.

With a little coaching from Rick, maybe we could try something like that here as part of EARS Field Day or Summer Picnic. Thanks Rick, we look forward to your presentation.

THE LOST ART OF KIT BUILDING

Hey EARS members and guests,

Here is a reminder to everyone that at our next EARS club meeting on Jan 13th we will have a special guest K0NEB, Joe Eisenberg from **CQ Amateur Radio Magazine**. He will be presenting "*The Lost Art of Kit Building.*" The following Saturday he will lead a hands-on kit building tutorial.

We have planned to build a fox hunting kit and, after the build, we will be hiding them and teaming up with adults and kids to locate them.

The Saturday event begins at 11:00, ending at 2:00. It will be at The Escondido Salvation Army, 1301 Las Villas Way. We should be starting the fox hunt as soon as the kits are built. A very fun day for all!

We have a list of supplies needed for the kit building event and I am requesting members loan us whatever you can. Let me know what you can help us with and please mark the items with your call sign. If you can help us with these items, bring them to the club meeting and after the event I will return the items to you as soon as possible.

We need:

1. Solder Iron w/holder
2. Solder
3. Wet sponge
4. Tweezers and/or needle nose pliers
5. Small wire cutters

6. Table protective cover (i.e. cookie sheet)

Each Student should have:

1. Safety glasses
2. Notepad
3. Pen/pencil

Thanks everyone! I am looking forward to seeing you at our club meeting and the kit-building event.

W6TRB, Teri Bloom
2011, EARS Secretary

Q SIGNALS

These Q signals most often need to be expressed with brevity and clarity in amateur work:

QRA	What is the name of your station?
QRG	Call for exact frequency.
QRH	Does my frequency vary?
QRI	How is the tone of my transmission. The tone of your transmission is: <ol style="list-style-type: none">1. Good2. Variable3. Bad
QRL	Are you busy?
QRO	Shall I increase power? Increase power
QRP	Shall I decrease power? Decrease power
QRQ	Shall I send faster? Send faster (WPM)
QRS	Shall I send more slowly?
QRT	Shall I stop sending? Stop sending.
QRU	Have you anything for me?
QRV	Are you ready? I am ready.
QRW	Shall I inform "—" that you are calling kHz?
QRX	When will you call me again?
QRY	What is my turn? Your turn is numbered.
QRZ	Who is calling me?
QSA	What is the strength of my signals?
QSB	Are my signals fading? Your signals are fading.
QSD	Is my keying defective?

AN INVITATION BY:

The Desert Radio Amateur Transmitting Society of Palm Springs

The Desert RATS would like to invite all EARS members and families to attend "Palm Springs Hamfest 2011" on Saturday, January 29.

Our Swap Meet was a big draw last year as well, with over 40 vendors selling their wares. There is room for more so bring your stuff (no fee charged to seller's means better prices for you!) We have a consignment table with experienced Hams selling for you if you want us to sell your gear for a small fee. *We almost sold out last year.*

They will have a gourmet food service at bargain prices with raffles every hour. This event is all about great deals in these tough times. This year we'll have ICOM, Yaesu, HRO, DX Store, Byonics, RF Stuff, AMSAT, ARRL, Alpine Antennas and more. Review our website regular for up to date announcements at:

<http://desertrats.am>

Come join us for a fun Day with some great buying opportunities! It is worth the drive! Meet Gordon West, Clint Bradford "the Satellite Guy", Leo Meyers and all the ARRL guys from our Division.

Attend the 2nd annual ARRL Sanctioned Palm Springs Hamfest, January 29, 2011.

73,

Peter
VE7REZ
President, Desert Radio Amateur Transmitting Society of Palm Springs
760-318-0186

OPEN POSITION

The 2011 EARS Board is seeking an "**All EARS**" newsletter editor. Qualified candidate will have an email address and working computer with Microsoft Word and Excel. Candidate must be able to create or follow current lay-out format. If you're interested in holding this detailed position, please contact one or all of the following board members:

President
John Musselman, N6EP, 760-747-5303
n6ep@arrrl.net

Vice President
John Belstner, W9EN
w9en@arrrl.net

Secretary
Teri Bloom, W6TRB
feisty5ft@dslextreme.com

IMPORTANT REMINDER

JANUARY'S MEETING STARTS AT 7:00 PM!!

THURSDAY, JANUARY 13, 2011

ALL EARS puzzle page

Hi all, and welcome to the first All EARS puzzle page...

This brain-teaser should be fairly easy to solve – All you need to do is answer the cryptic clues to indentify the US states or Canadian provinces.

Enter the 2-letters representing the state or province into the boxes provided.

Once you have found all of the states/provinces, take the letters from the shaded boxes, and arrange them to solve the main clue.

Easy huh?

The answers will be published in next month's All EARS.

Have fun & good luck!
Steve (W6TAN) & Gina (KI6UQP).

Find the states or provinces:

1. They say happy cows' come from here...
2. Ask Al which state he could be from.
3. It almost sounds as if this state is unwell.
4. You could gamble on doing well in this state.
5. The Earl of Wessex's Island perhaps?
6. A good state in which to say "Hello" - kind of.
7. In this state, you can't tell if the women are married or single.
8. North of the border - 2011 years ago.
9. Not quite North, not quite East... Somewhere in between.
10. Christopher's town is this state's capital.
11. It's not a California city - It's a state!
12. The first state and not quite the smallest.
13. I've got this state on my mind - so the song says.
14. It would appear that there's no more gold in this state.
15. --, myself and I lived in this state perhaps?
16. The sound of the bell is cut short here.
17. You would be almost wise to live here perhaps?

Now arrange the letters in the shaded boxes to solve the following clue:

Doing well in this challenging amateur activity can put you in a good position within the league.

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ESCONDIDO AMATEUR RADIOS SOCIETY

GENERAL INFORMATION

CLUB REPEATERS - EARS operates three repeaters in the Escondido area. The two meter EARS repeater is on 146.88 MHz with a PL of 107.2. The 220 MHz repeater is on 224.14 MHz (AE6GM repeater), minus offset, PL 156.7. The 440 EARS repeater is on 449.240 MHz with a PL of 127.3. The two meter and 440 repeaters are local in nature and primarily serve the immediate Escondido area.

ECHO-LINK - The two meter repeater is tied to the Echo-Link system as node 2846. See the Club website, www.earsclub.org, for information on Echo-Link. There is also a listing of local Echo-Link codes in the members section of the website.

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 REFLECTOR – is a free service that keeps members up-to-date via e-mail. To get on the reflector, go to the EARS website and click on Yahoo Groups in the site map. If you have any questions, suggestions or comments, e-mail any club officer.

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 South Escondido Blvd, 760-743-5551.

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. Contact any club officer.

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 (Tel 760-747-6443). Just let them know you are part of the EARS club.

MONTHLY BREAKFAST - EARS members meet socially the third Saturday of each month at the Westside Cafe, on West Ninth Ave. at the corner of Redwood St. at 8:30 a.m.

SUNDAY EVENING NET is every Sunday at 8 p.m. local time. You can get the latest information on club activities there. Tune in to the club repeater at 146.88 MHz, negative offset and PL of 107.2, check in and say hi.

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. Parking is \$2.00 and is antenna friendly. If interested, go to www.sdgares.net or contact Steve Early, Section Manager, 619-461-2818, or ad6vi@arrl.org.

SECTION NEWS – The latest happenings around San Diego are available at www.arrl.org/sections/SDG.html, the official website of the ARRL San Diego Section.

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. **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 the LDS Church, 1917 East Washington Avenue, Escondido, 92025. 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.org.

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. Get yours today by contacting Rob Kitson; KI6SBL@earsclub.org.

ESCONDIDO AMATEUR RADIOS SOCIETY

MEMBERSHIP APPLICATION & RENEWAL FORM

Name _____

Call _____ Class _____

Address _____

City, State, Zip _____

Phone _____ Date of Birth _____

E-mail Address _____

Date Licensed _____ Expires _____

Are you a Member of the following organizations?

ARES ☐ YES ☐ NO

ARRL ☐ YES ☐ NO

EVAC ☐ YES ☐ NO

MARS ☐ YES ☐ NO

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

You may also give it to the treasurer or any other club officer at a regular club meeting.

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.