

ALL EARS

146.880 - PL 107.2

Official Newsletter of the Escondido Amateur Radio Society - N6WB

December 2003

GENERAL MEETINGS

EARS meets at the Emmanuel Faith Community Church, 639 East Felicita Avenue, Escondido, at 7:30 p.m. on the fourth Tuesday of each month. Come early and chat!

Information on upcoming meetings is on Page 2.

That's why they call them Dues!

All memberships paid through 2002 will expire on December 31 and are now DUE!

Please send in your renewal now to ensure your continued membership in EARS. Use the form on Page 6 or just drop off cash or check (check preferred!) at the next meeting.

While you're at it, why not renew for multiple years and save our Treasurer (and yourself) some work!

New Members

Welcome to:
Brad Unz, K6UNZ
Tony May, KG6SXY (Life Member)

The Escondido Amateur Radio Society

is a non-profit organization of educational and social benefit to Amateur Radio operators and others interested in Amateur Radio in the Escondido area.

Dues are very affordable. Come join the fun! See the application form on Page 6.

EVENT CALENDAR

| | |
|--------|---|
| Dec 13 | Escondido Christmas Parade |
| Dec 13 | EARS Annual Christmas Party 4 p.m. |
| Dec 20 | EARS Monthly Breakfast 8:30 a.m. |
| Dec 27 | VE Testing |
| Dec 31 | First Night Escondido |
| Jan 6 | Board Meeting at Sam's 7:00 p.m. |
| Jan 17 | EARS Monthly Breakfast 8:30 a.m. |
| Jan 26 | EARS Monthly Meeting 7:30 p.m. |
| Jan 31 | VE Testing |
| Feb 3 | Board Meeting at Marvin's 7:00 p.m. |
| Feb 21 | EARS Monthly Breakfast 8:30 a.m. |

Important Note About EARS Monthly Meetings...

Remember that the December meeting is our annual Christmas Party. This year, like last, it is at the home of Konrad, N6UKO. Details are on page 2.

Then, starting in January, EARS will meet at a new location due to renovation of the Chamber of Commerce building. Our new meeting place is:

Emmanuel Faith Community Church
639 East Felicita Avenue

Please see the map on page 5 for details.

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UPCOMING MEETINGS

by John, W9EN

December 13th EARS Annual Christmas Party

Once again taking place after EARS helps at the Christmas Parade, this annual event is a great chance to socialize with all the great folks in EARS.

The party will again be at the home of Konrad, N6UKO, 3040 Quail Road in North Escondido. A map is on the EARS website at www.earsclub.org. The party starts at 4 p.m. and should last to 7 p.m.

Bring a single (approximately) \$5 gift to get in on the gift exchange. This is one of the highlights of the evening so don't forget your gift.

There will be lots of finger food. Also, there are raffle prizes, including gift certificates from Ham Radio Outlet and cash prizes. Please bring a donation of \$7 per person to help defray the costs. All members of the family are invited. You won't want to miss this fun time.

February 24th Spread Spectrum and CDMA

Jason Hunzinger, Director of Advanced Technology at DENSO LA Labs in Vista, will present the state of the art in radio communications

March 23rd GPS Technology

Jeff Murdock, AE6GM, will explain the details of the Global Positioning System.

ALL EARS

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, WB6UHF, Editor
wb6uhf@arri.net

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The deadline to submit material for the next bulletin is Tuesday, January 13.

ELECTION RESULTS

by John, WB6UHF

Elections were held at the November meeting for 2004 Club officers. All the existing officers are returning next year with only two changes.

Our new President is Nick, KK6TV, and our new Vice President is John, W9EN. Congratulations all!

EARS Club Officers for 2004

President

Nick Uran, KK6TV, 749-8734
kk6tv@arri.net

Vice President

John Belstner, W9EN, 271-8012
w9en@amsat.org

Secretary

Sam Bradsher, N6SD, 747-9096
n6sd@arri.net

Treasurer

Konrad Wallenda, N6UKO, 743-8826
n6uko@aol.com

Emergency Services Coordinator

Jo Ashley, KB6NMK, 741-2560
kb6nmk@amsat.org

Newsletter Editor

*John Musselman, WB6UHF, 747-5303
wb6uhf@arri.net

Officers at Large*

All Officers with an asterisk (*) plus:
*Dirk Reschly, N6SUN, 743-5839
darcpa@att.net

Past President

Nick Uran, KK6TV, 749-8734
kk6tv@arri.net

Historian

*Harry A. Hodges, W6YOO, 743-4212
w6yoo@amsat.org

Membership

*John Magnone, KG6DVE, 745-6819
kg6dve@amsat.org

Property Manager

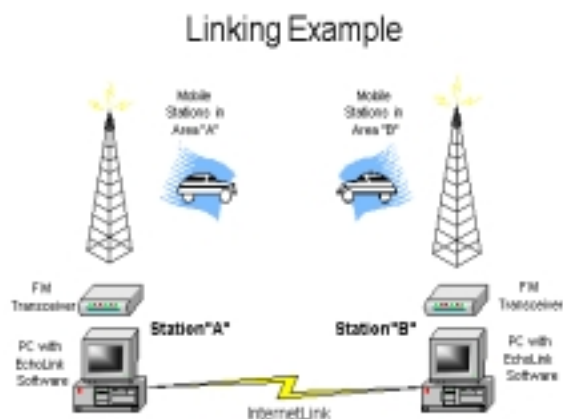
*Marvin Munster, WB6PKK, 747-2223
wb6ppk@amsat.org

Using the EARS N6WB-R Echolink® Node

by John, W9EN

Thanks to the coordinated efforts of the EARS Technical Committee, the N6WB-R EchoLink® Node can now be controlled by your mobile or HT. Here are a few instructions and guidelines on its use, which should make operation smooth and enjoyable.

Below is an example of two repeaters connected via EchoLink® (thank you to the folks at echolink.org for the graphic). In this example, the computers at locations A and B are running the EchoLink® software in “SysOp” mode and connected to FM transceivers. In this mode, the node is typically controlled by DTMF commands received by the FM transceiver. However, the node can also be controlled manually at the keyboard of the computer or remotely through a web page; these types of control are typically reserved for node control operators.



The EchoLink® software also permits “Single-User” installations where there is no radio link. All control of a “Single-User” node is done at the keyboard of the node computer. It is possible that an operator connecting to the N6WB-R node may be doing so from either a personal computer or through a radio link. Radio links can either be a simplex remote base or a repeater.

To connect to another EchoLink® node from your mobile or HT, simply enter the node number using your DTMF keypad; to disconnect press #. The N6WB-R node number is 2846. A list of nodes currently logged into the EchoLink Servers can be found at <http://www.echolink.org/logins.asp>. Information on the exact location of each of these nodes can be found at <http://www.echolink.org/links.asp>. Here is a list of the DTMF commands currently supported by the N6WB-R node.

| | |
|-----------------|---------------------|
| Connect | (enter node number) |
| Disconnect Last | # |
| Disconnect All | ## |
| Reconnect | 09 |
| Connect Status | 08 |
| Listen Only On | 0511 |
| Listen Only Off | 0510 |

Frequently accessed nodes can be entered into the node controller as a two-digit macro command. If you have a favorite node you would like made into a macro, just send e-mail to John at w9en@amsat.org and he will gladly create a macro for that node.

Using the EARS N6WB-R Echolink® Node (cont)

by John, W9EN

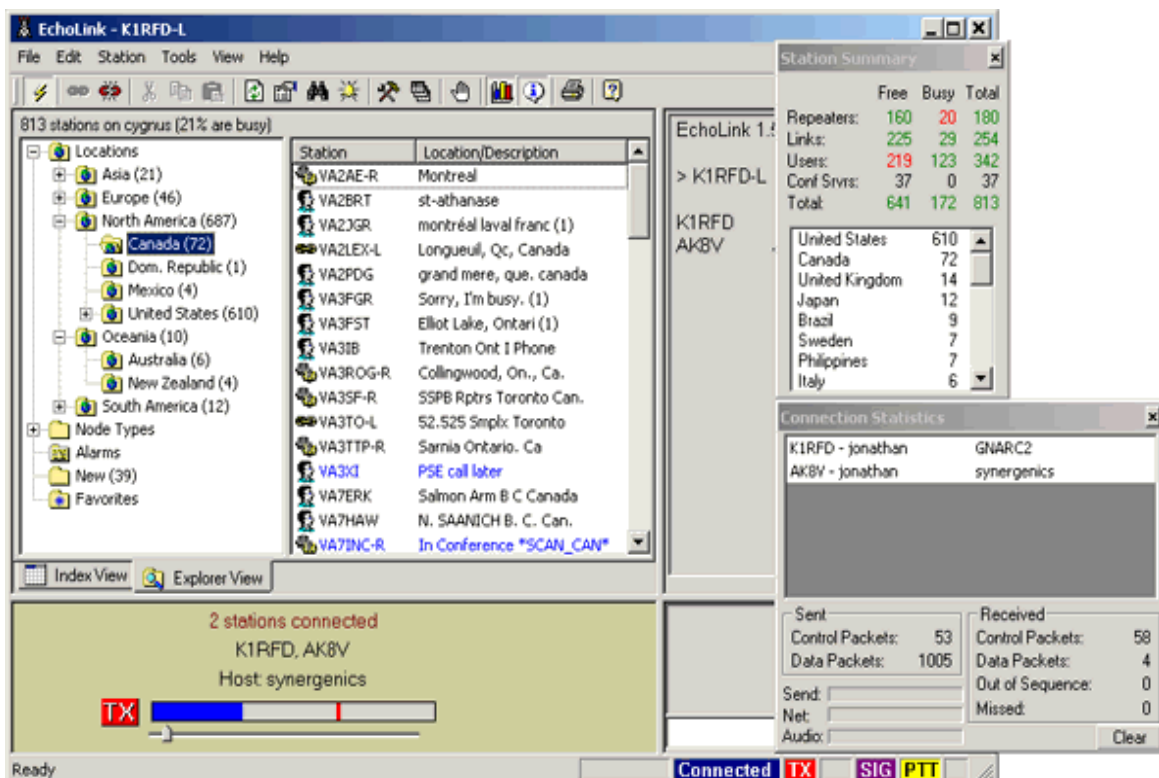
Here is the list of currently assigned macros.

| | |
|-------------------------|----|
| K6JXY-R (Palomar Mt.) | 60 |
| WV6H-R (Otay Mt.) | 61 |
| | |
| W2ZT-R (Seattle, WA) | 70 |
| N7XRD-R (Seattle, WA) | 71 |
| | |
| N9LLT-L (Cedarburg, WI) | 90 |
| K9JAC-R (Hubertus, WI) | 91 |

When using EchoLink® on the repeater, remember to leave a few seconds between transmissions. There can be significant packet delay at times over the Internet. "Quick-Keying" may prevent stations on the far end from breaking-in and may even prevent them from disconnecting, particularly when two repeaters are linked together. We have adjusted the repeater hang time and node turn around timers to minimize this, but good operating practices will always ensure an enjoyable QSO.

If you wish to install the EchoLink® software on your own computer, it can be downloaded from http://www.echolink.org/register_data.asp. Be sure to follow the instructions on the website. Many people have experienced problems connecting to other nodes due to firewall or router configuration issues. There is a good FAQ section on the echolink.org website that deals with connecting problems in general and firewall issues in specific. A complete printable EchoLink® Users Guide is available on the echolink.org website in .pdf format at <http://ftp.echolink.org/EchoLink/EchoLinkUsersGuide.pdf>.

73 and enjoy!



Echolink Software Program

RESULTS OF THE OCTOBER T-HUNT

by Nick, KK6TV

Editor's Note - Apologies for the late report. We ran out of space in last month's bulletin due to publishing the new By-Laws. But better late than never...

October 18th, after the EARS Saturday breakfast, about 11 of us continued with a Transmitter hunt. Along with several EARS members we were also joined by some guests from the El Cajon group.

You sort of wonder about the competition when you see a 2 Meter Yagi and a Doppler array mounted on the roof of one of the vehicles at the Westside Cafe. My daughter Jentry and I hid the transmitter at 9:30 and it was sending a cw ID by 10 a.m.

We had hid the transmitter in a plastic bag in the brush behind a steel pole half way between Mule Hill (near Lake Hodges) and North County Fair. The steel pole was causing some reflections which made it even more of a challenge to locate.

The first ones to locate the transmitter were the El Cajon team consisting of Tom Sneed, KE6VCR, Joe Loughlin, KE6PHB, Tony Boegeman, WA6ZMZ, and Bruce Krypton, KG6IYN. Next was Dirk, N6SUN, with his son. Dirk, upon finding it, did a great victory dance which I am sure he will be famous for for years to come.

Shortly thereafter, Roger, K6EQ, using RF sniffing techniques and a victory dance sensing array, located the transmitter. He was followed by Jo, KB6NMK. Danny, AE6MB, and Tony May receive the longest walk award. They noticed the signal was strong at Kit Carson park and walked to Mule Hill. Danny and Tony, although last on the scene, located the transmitter very quickly once near it. Tony has since received his Ham license, congratulations Tony, KG6SXY!

The El Cajon group has a T-Hunt on the 1st and 3rd Saturdays of the month. They usually do a County wide hunt on the 5th Saturdays starting at 10 or 11 a.m. More info can be found at their web site at <http://www.qsl.net/wa6bgs/thunt>.

Lets do this again some time soon!

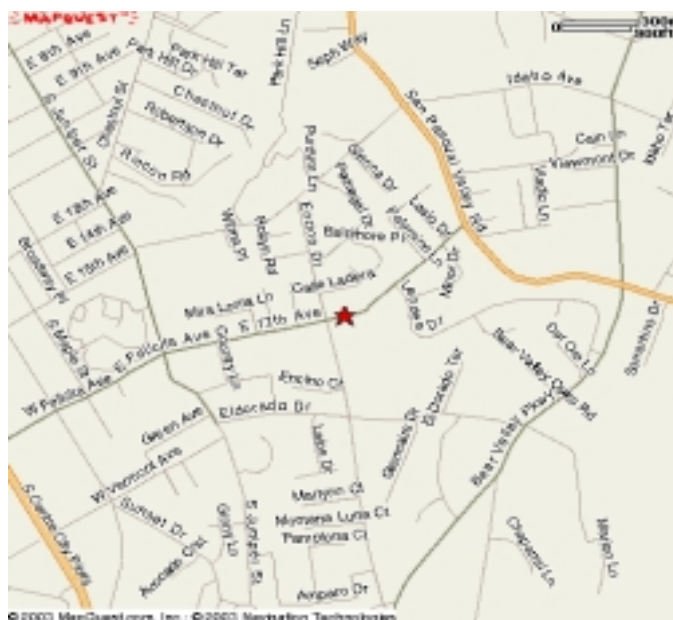
EARS New Meeting Location

Starting in January, EARS will meet at a new location due to renovation of the Chamber of Commerce building. Our new meeting place is:

Emmanuel Faith Community Church
639 East Felicita Avenue

Come early if you not familiar with the area and we will guide you in on 146.880.

Note - VE Testing will be held at the new location also, starting in January.



DECEMBER BOARD MEETING SUMMARY

information provided by Sam, N6SD

1. Konrad, N6UKO, reported \$583.94 in the checking account and \$1331.54 in the savings account.
2. Marvin, WB6PKK, reported that the repeater was reprogrammed to output CW only. A recommendation was made to remove the auto patch feature to save about \$200 a year in phone bills. No decision was made on this issue. The 220 link is under work.
3. Jo, KB6NMK, reported that she needs more help for First Night Escondido.
4. John, KG6DVE, reported we have a few new members including Brad Unz, K6UNZ and Tony, KG6SXY is a new life member.
5. John, KG6DVE, reported that the net is going good with several Echo Link check-ins.
6. Nick, KK6TV, and Sam, N6SD, volunteered as delegates to SANDARC for the coming year and Dirk, N6SUN, and Tony, KG6SXY volunteered as alternates.

7. The Elders of Emmanuel Faith Church have agreed to let us use their facilities for our meetings and for VE testing for three months starting in January. Another formal request will be submitted to extend the time period.
9. The donation for the Christmas party will be \$7.00 per person. \$250 was allocated for the Christmas party plus two \$25 raffle gifts.
10. Konrad, N6UKO, reported that he has 31 volunteers signed up for the Christmas parade. He will make a presentation to the Jaycees so they will continue to use us in their functions.
11. It was decided to apply for a vanity node number for Echolink.
12. Rodger, KB6DQO, reported that Glen Peterson, WB6BOD, no longer wishes to operate his 440 repeater on Hubbard Hill. It was decided to offer to take over control of the repeater from him.

Escondido Amateur Radio Society Membership Application and Renewal Form

Name _____

Call _____ Class _____

Address _____

City, State, Zip _____

Phone No _____ Date of Birth _____

E-mail Address _____

Date Licensed _____ Expires _____

Member of the following organizations?

ARES _____ ARRL _____

EVAC _____ MARS _____

Red Flag _____

Interests _____

Other _____

Membership Rates

One year \$13.00
Family membership \$3.00
Lifetime membership \$130.00
Lifetime membership (family) \$20.00

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.

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 and auto-patch codes, include a self-addressed stamped envelope with this form.

GENERAL INFORMATION

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 or www.EscondidoARS.org.

EARS REFLECTOR – is a free service that keeps members up-to-date via e-mail. Local news, gossip, “for sales” as well as reminders of all upcoming EARS functions are sent regularly to all subscribers. When you subscribe, you may also broadcast messages to all the other subscribers.

To get on the reflector, go to the EARS website at www.earsclub.org and click on the Yahoo Groups banner at the bottom of the main page. Or, go to <http://groups.yahoo.com> and follow the directions. If you have any questions, suggestions or comments, email Nick, kk6tv@arrl.net

CLUB BADGES - Let everyone know that you are a member of EARS and avoid having them guess what your name is. See Harry, W6YOO, to obtain a badge.

CHANGE OF ADDRESS OR CALLSIGN - Please let us know if you change your address, callsign, telephone, license class, etc. We want to keep our records up to date. Contact Marvin, WB6PKK, the keeper of the club database, or any club officer.

MILITARY AFFILIATE RADIO SYSTEM - The US Army, the US Air Force, and the US Navy/Marine Corps Military Affiliate Radio System (MARS) are looking for a few good men/women. If you would like to get on the HF bands regardless of license, now's the time. See Harry Hodges, W6YOO/AAR9LX for details.

QUARTER CENTURY WIRELESS ASSOCIATION (QCWA) - If you were first licensed twenty-five or more years ago and you are licensed today (it doesn't have to be continuous) you are eligible to join the QCWA. There is a local chapter in San Diego that holds quarterly meetings (brunch) and has VHF net on Wednesday evenings. The national organization conducts an annual QCWA QSO party and there is an annual convention. They are a great group so if you are interested in more details, contact Harry, W6YOO.

ARRL AND ARES BULLETINS - The ARRL and ARES bulletins are posted daily on K6PD-1 packet BBS on 145.03 MHz.

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 the Spice House restaurant, 9035 Clairemont Mesa Blvd. The training session follows breakfast at the County Office of Emergency Services (formerly called the “EOC”), 5550 Overland Avenue, at 9 a.m. If not attending breakfast, be sure to arrive at the back gate (Complex Street), not later than 0845 for access.

SECTION NEWS – The latest happenings around San Diego, as well as the monthly *ARES Alert* is available at www.sanarrrl.org, 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, PO Box 2446, La Mesa, CA 91943-2446. You must include your Social Security Number. There is no charge for this service.

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.

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 - is conducted in Escondido under the auspices of SANDARC on the last Saturday of every month at the Chamber of Commerce building, 720 N Broadway. Contact Harry Hodges, W6YOO, to schedule an appointment.

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