

ALL EARS

www.earsclub.org

The official bulletin of the Escondido Amateur Radio Society – N6WB April 2013

April's meeting details



The next meeting is not a meeting as such.

It's the annual EARS auction...

See Matt's VP article, or the EARS website

www.earsclub.org for more details.

EARS Event Calendar - 2013

- Apr 11 Regular Meeting, 7:30 p.m.
- Apr 18 Board Meeting, 7:00 p.m.
- Apr 20 Monthly Breakfast, 8:30 a.m.
- **Apr 25 Field-day Meeting, 7:00 p.m.**
- Apr 27 **VE Testing**
- May 09 Regular Meeting, 7:30 p.m.
- May 16 Board Meeting, 7:00 p.m.
- May 18 Monthly Breakfast, 8:30 a.m.
- **May 23 Field-day Meeting, 7:00 p.m.**
- May 25 **VE Testing**
- Jun 13 Regular Meeting, 7:30 p.m.
- Jun 15 Monthly Breakfast, 8:30 a.m.
- Jun 20 Board Meeting, 7:00 p.m.
- Jun 29 **VE Testing**

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Welcome to April's ALL EARS

By Steve Venner, W6TAN



Hello everyone,

Welcome to April's ALL EARS.

First, many apologies for the lateness of this issue...

I always plan on sending out ALL EARS on the Monday prior to the club meeting – which is why I ask for any articles to be with me the Thursday before. This allows me to take my time in preparing the publication, and not have to rush it.

Unfortunately, due to the lateness of some of the articles, there was no way for me to publish it by Monday (especially as some didn't arrive until Wednesday - the day before the auction!)

I had still hoped to finish it on Thursday, so that you would have got it in time for the meeting, but due to a last minute request for me to work – that just wasn't possible.

Because of that, some of the references to the EARS auction are a little out-of-date... Sorry!

Anyway, many thanks as always to all of you who did provide articles – late or otherwise!

Remember, you don't have to be a board member to submit articles for publication in ALL EARS. A simple text file is all that is needed. I'll do the rest. And as always, photos are most welcome!

Until next month - 73,
Steve, W6TAN.

The Presidential Prose

By John Musselman, N6EP



Hello all and hope you are ready for the big event - the EARS annual auction.

How to prepare?

Well, if you plan on selling, you have to clear out some of your treasures from years past and bring them to the auction on Thursday.

If you are a buyer, you have to clear out a bit of your bank account and bring the cash to the auction on Thursday (checks accepted, too!).

Don't worry - all the clearing will be followed the day after by filling up those spaces again.

Fortunately for buyers, things usually go for pretty cheap - tempting any grown ham to part with a little useless cash in favor of something tangible and (in our mind) much more valuable.

Fortunately for sellers, there will be plenty of drooling hams in the audience who share your understanding that these things are not junk but valuable treasures, despite what their spouse thinks!

Someone asked me if it was all really an excuse to get rid of old stuff that has been just sitting and wasting space...

Heck no, it's more like an excuse to parade all the fantasies of thirty or forty years (or more!) of ham radio and to enjoy, with others in the know, how incredibly lucky we have been to be among the initiated.

See you there.

73,

John
N6EP

Verbal from the VP

By Matt Tucker, N6EAJ



I would like to thank Gene Swiech (WB9COY) for talking about antennas at our March meeting.

It was an enlightening evening although I think I would need a week long presentation to really understand gamma and delta matches.



Our April meeting will be the club auction.

I have been trying to spread the word all over town about the auction so hopefully we will have good attendance.

The details are below.

- **What:** EARS Ham radio related auction
- **Cost:** Sellers \$3 (no commission), buyers free
- **When:** April 11th 2013
Seller check-in 6PM
Buyer check-in 6:30PM
Auction begins 7PM
- **Where:** Escondido Salvation Army Community Center
1301 Las Villas Way Escondido, CA 92026

Steve (W6TAN/G0TAN) has posted the same info along with the auction rules on the EARS web page at:

<http://earsclub.org/>

So, dust off those Ham gems you don't use anymore buried in your garage and turn them into money at the auction.

The auction takes place in the gym/basketball courts at the Salvation Army (South side of the building).

See you all there!

73,
Matt.

Field-Day Frivolity

By John McNelly, AF6UA



Field-Fay is the largest EMCOMM event in North America.

As you should know by now, Field-Day is always the fourth full weekend in June, so this

year it will be the weekend of June 21st-23rd.

We'll start setting up at Dixon Lake on Friday afternoon, and Field Day runs from 11:00 AM on Saturday - 11:00 AM Sunday.

Please feel free to join us for the Field-day planning meetings.

The meetings will be held the fourth Thursday of every month (until Field Day), at 7:00 PM, at the Salvation Army Community Center (same place as the EARS members meetings).

There are only two meetings left:

Thursday, April 25th

Thursday, May 23rd

We have band captains selected for VHF (Fred McDavitt W6PBR), GOTA (Zac Petersen KJ6MLT), and CW (John Musselman N6EP), but we still need an HF band captain.

If you'd like to volunteer, please let me know:

ears@mcnelly.org

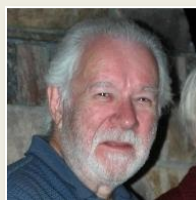
858-449-3326 cell

Please contact me or the Band Captains directly to get on the Band Station schedule. Each slot is 2 hours long. If desired, we can get a logger for you. Even if you want to just log, let us know that too.

Contact the Band Captains early - so you can get the slot you want... they go fast!

PC Tip No.6

By Dick Kalkofen, K6KAL



DX Clusters:

Perhaps the most straight-forward manner to get current on-air activity is to connect to a DX cluster.

DX stands for Distance X or long-distance.

After making a contact possibly with some rare site or an active DXpedition, many hams will post their contact to the DX Cluster. Some of the logging software packages have a button that can be pressed to upload the contact to the DX cluster they use. DX Clusters are accessed using a Telnet client.

There are several types of DX Clusters.

Some we can access with our browsers and those that interact with our logging software, either directly or embedded into the logging applications.

DXSCAPE

Index

Selectable multiple DX Cluster | Data Base Search

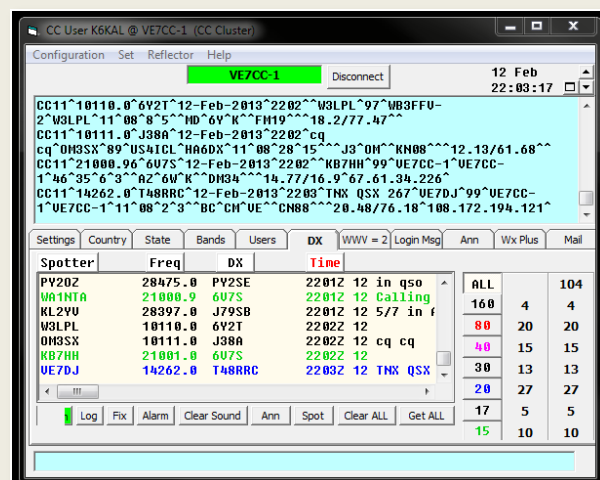
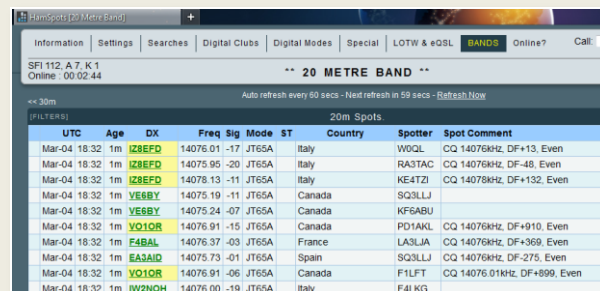
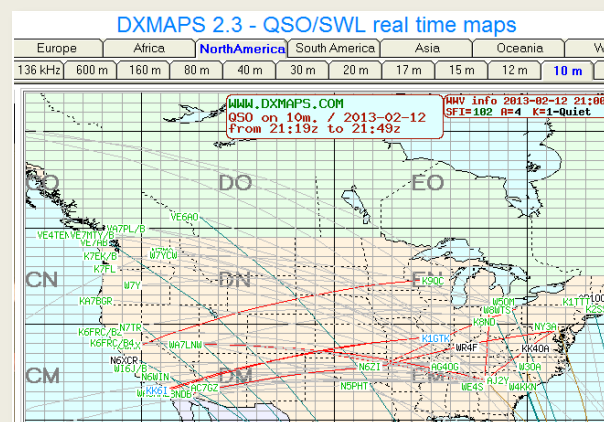
[DX]	WN25	WWS00	JA25	JA500	US25	US500	For Mobile Phone		
[IOTA]	WN25	WWS00	JA25	JA500	(Digital)	MPK	JA	US	[TopTen]
[BAND Report]	DX-JA	IOTA-JA	(OTHERS)	SOLAR	COMPACT WINDOW	SEND SPOT			

[WW]	JA	HF	High	WARC	VHF	Low	DIGI	IOTA	1.8	3.5	7	10	14	18	21	24	28	50	144
[JA]	JA	HF	High	WARC	VHF	Low	DIGI	IOTA	1.8	3.5	7	10	14	18	21	24	28	50	144
[US]	JA	HF	High	WARC	VHF	Low	DIGI	IOTA	1.8	3.5	7	10	14	18	21	24	28	50	144
[JAS]	JA	HF	High	WARC	VHF	Low	DIGI	IOTA	1.8	3.5	7	10	14	18	21	24	28	50	144

[DX-PED] [SXBC](#) [PediJan2013](#) [D3Jan2013](#)

[DX] [WN25] Last 25 spots from World Wide <refreshes every minute>

KD8NOM	2147Z	14277.2	SCHOOL CLUB CONTEST	K0MHP
T48RRR	2147Z	14262.0	info www.cuba2013.ru	NK9S
YV5RED	2147Z	28465.0	59 TNX 73	FY1PDF
WA8KNE	2146Z	14078.0	JT9-1, Calling CQ 1311 first	KC2WUF
K7BNZ	2146Z	12193.9	59 Chief Joseph Middle School	N5XD



There are several sites that will ‘serve’ the dx spots to your home network. That is to say, you could have a cluster server running on one PC, while your logging software is on another with a telenet window showing the spots received. These include, VE7CC-1 CC Cluster, WinTelNetX, DX Telnet.

There are some logging applications that have the 'Telnet' built in, and can monitor the DX clusters for you, and populate the band map with spots. WinTest, N1MM and Ham Radio Delux are two that come to mind. Although WinTest uses an external program (wtDxTelnet), that can be started automatically from within WinTest.

Another variation on DXspots are Skimmer spots. These are applications that listen to CW and post the call, speed and frequency. Some DX Cluster

applications can combine DX and Skimmer spots. CW skimmer spots usually are preceded with a '#' .

You can also obtain solar-geophysical data from your local DX cluster. Use the commands **SH/WCY** or **SH/WWV** to obtain the latest solar-geophysical reports.

If you are just now getting interested in working DX stations or DXpeditions, start with the browser based DX clusters for now, and as usual find the one that suits your Ham radio operating style.

Current EARS Membership

By Steve Venner, W6TAN



This past month, there was one new member joining:

Doug Grassy, N6TWO

Welcome aboard Doug!

The current EARS membership as of 14th of April, 2013 is:

- Life: 53
- Paid: 65
- Total: 118

Note that the above membership figures represent the EARS members who are either life members, or who have paid to the end of 2013 or beyond.

So for those of you who still haven't yet paid their 2013 annual 'dues' - We know who you are... We'll be in touch ;-)

AMGEN Bike Race

By John McNelly, AF6UA



Save the Date: May 11-12, 2013

Escondido is hosting the starting leg of the AMGEN Tour of California bike race on May 12th, 2013:

<http://www.amgentourofcalifornia.com/Route/cities/escondido.html>

EARS is currently working with the Police Dept to fulfill their needs for ham volunteers. We will certainly need hams on race day (Sunday May 12), and "might" need hams for the day before (Saturday May 11).

If you're interested in providing radio communications support for the AMGEN race, let me know: john@mcnelly.org

Escondido is also looking for volunteers to be course marshals (and for other race-related duties).

So if you're interested in one of those non-ham positions, see this URL for more info: <http://www.escondido.org/amgen-volunteer.aspx>



PARC Operating Day

By Dennis Baca, KD6TUJ



Palomar Amateur Radio Club will host an Operating Day at Fry's Electronics, 150 South Bent Street, San Marcos, CA, 92069 on Sunday April 28, 2013.

Operations will start at 9:00 AM and run though 4:30 PM.

Demonstrating will be Palomar with HF through 70cm, Red Cross, D-Star, Packet/winlink, and HF QRP. Also invited are CERT, Skywarn/weather, and FARC. There may be others.

This public demonstration is to educate the public about how Amateur Radio helps in the community. We will answer questions, inform, and encourage the public to try Amateur Radio on site.

Available will be past copies of CQ and QRT, flyers from any club who chooses to provide them (as refer all to their local club), and a public radio use flyer.

All are welcome.
Palomar Amateur Radio Club

OPERATING DAY

Sunday, April 28, 2013



FRY'S ELECTRONICS
150 South Bent Street
SAN MARCOS, CALIFORNIA 92069
9:30 AM to 5:30 PM
HOSTED BY PALOMAR AMATEUR RADIO CLUB
www.palomararc.org
contact Dennis KD6TUJ (760) 672-0223
Come operate on the ham bands at Fry's
70cm, 2m, 6m, 10m, 15m, 20m





The Future of SANDARC – pt 1

By Robert Kitson, KI6SBL



Last month I told everyone I met in amateur radio I wanted to be the next Chairman of SANDARC because I have ideas on how to help grow the amateur radio community in San Diego County.

I visited 5 SANDARC member clubs promoting myself, my ideas, and most importantly my passion for the future of SANDARC.

I had a good time and met a lot of great hams. However, I learned a valuable lesson as expressed to me by more than a few hams I met. I learned that I needed more quality experience before taking on the Chairman position.

So, instead of SANDARC Chairman I got myself nominated for SANDARC Treasurer!

It is my goal and dream to spend the next 6 years learning all I can about amateur radio and SANDARC by taking on one term each as SANDARC Treasurer then Secretary then Vice Chairman. After learning and growing in these positions I will be ready and qualified to be SANDARC Chairman.

Please help me get started by telling every HAM you know to have their club's SANDARC delegate vote Robert J. Kitson for SANDARC Treasurer.

Thank you,

Rob Kitson, KI6SBL
(760) 715-2876
ki6sbl@earsclub.org

The Future of SANDARC – pt 2

By Conrad Lara, KG6JEI



Dear Clubs and Delegates of SANDARC...

As you may be aware I was nominated at the March SANDARC meeting for the position of secretary.

First off I wish to encourage the member clubs to make the decision you feel will benefit them and SANDARC.

We have so many different groups and backgrounds in the County of San Diego that SANDARC will never have fully unanimous agreement on all subjects, this however is the best part of SANDARC allowing all the clubs to see a different point of view and learn from each other.

The purpose of SANDARC is to promote amateur radio in the community and to be a representative body of the Amateur Radio Operators of San Diego County.

As Secretary of SANDARC I am prepared to follow the directions of the Membership as to their will for the direction of SANDARC.

The duties of secretary are to handle the communications of the Council in accordance with the Bylaws and State laws. In SANDARC, this usually means handling notifications of meetings, preparation and distribution of official documents, maintain of the official records of the club, and other duties as directed.

As a nominee for secretary I am prepared to dedicate the time to SANDARC that is required to fulfil my duties in a timely manner. Many of the member clubs hold their regularly scheduled meeting within days of the SANDARC council meeting.

As secretary I can assure you I will have draft meeting minutes available for publication within days of the meeting and prepared in a manner as directed by the clubs.

I am also willing, if provided the access by the SANDARC Board to update a secretary section of the Council website allowing for more expedient publishing of information to the masses.

As a SANDARC Delegate for over 2 years now I have learned a lot of the inner workings of the group and of the member clubs. Over the years I've done my best to ensure that SANDARC follows the bylaws and the directions of its member clubs, even on issues that I did not personally agree with but the clubs had directed SANDARC to undertake.

As the Secretary of SANDARC, I will continue with these standards as it is my belief the SANDARC board exists to perform the actions which the member clubs request.

I thank you for your consideration in this matter and encourage you to have both your voting delegates present at the April meeting to ensure your clubs wishes are expressed on this vote.

If any clubs or delegates have questions for me I encourage you to contact me direct:

KG6JEI@Amsat.org

By cell: 760-481-9433 between 10am and 8pm

Best Regards
Conrad Lara, KG6JEI

The CERT Academy

By John McNelly, AF6UA



It's satisfying as a ham to be able to help those in need of emergency communications -- reporting a vehicle accident in a cell phone dead area, for example.

But what if you radio for assistance and the response comes back, we're overwhelmed right now, we'll get to you in a few days?

Picture yourself on your front lawn after the 'Big One', setting up your portable EMCOMM rig. A neighbor runs up to tell you that his son has been trapped by the quake. **You radio for help...**
Last year, Escondido relied on mutual aid

agreements 349 times to cover 9-1-1 calls (and we returned the favor to other cities 120 times).

Mutual aid agreements help to keep our taxes low. But it also means if there's a regional emergency (say, The Big One hits), it will be days or weeks before professional responders from far away can get here -- freeway travel may be difficult due to downed overpasses, and so on. So, you put down your microphone and try to help rescue your neighbor's trapped son.

90% of the rescues done after an earthquake are done by non-professionals -- you, your family, and your neighbors.

Unfortunately 50% of the fatalities are would-be rescuers... i.e. you - just trying to help.

The Escondido Fire Dept offers a (free) Community Emergency Response Team (CERT) Academy once a year, each March.

Your training will include the most likely risks for San Diego: earthquakes, wildfires, and terrorism, as well as standard modules such as disaster psychology and triage. You'll learn how to do urban search and rescue safely, and how to move tons of concrete with just a pry bar and 2x4s.

Not only is the training free, you get the equipment you need to do the job safely. There is no obligation to join CERT after your free training; the Fire Dept is just happy knowing you'll be better prepared to take care of yourself and your family.

Even if you don't want to be a member of CERT, taking the Academy makes you more valuable as a "spontaneous" ham volunteer: you'll become familiar with the Incident Command System (that's the "ICS" in "ICS 213", but so much more), which will help you speak the lingo with the agencies you serve as a non-CERT ham.

RSVP to Randy Licata at rlicata@escondido.org to reserve your slot in the CERT Academy, and see this URL for more info:

<http://fire.escondido.org/cert.aspx>

John McNelly, AF6UA
Emergency Services Coordinator

International DX Convention

Information provided by Harry 'Hughes', W6YOO

DXers! Contesters! Don't miss our 64th annual International DX Convention April 19-20-21, 2013 in Visalia, California.

Now at a new, larger venue with more vendors, more presentations and more fun!



Enjoy DXpedition presentations, Technical sessions, over 60 Vendor exhibits, DX Academy, Contest Academy, Ladies Tour - Golf Tournament, Saturday Banquet,

There's over \$45,000 in raffle prizes - and meet DXers who travel from around the world to this premier DX event.

Early registration closes on April 10th. Register today, and see who else is coming at:

<http://www.dxconvention.org>

Please Join Us!

INTERNATIONAL DX CONVENTION
NCDXC SCDXC
64th Annual
VISALIA CONVENTION CENTER

New Meeting Center!

MORE EVERYTHING!

- + Exhibit Space +
- + Banquet Space +
- + Meeting Rooms +
- + RV Parking +
- + Raffle Prizes +
- + Awards +
- + Fun Memories +

International DX Convention
April 19-21, 2013
Visalia, CA

Complete Program & Registration Information at:
dxconvention.org

64th Annual Meeting
Sponsored by the
Northern California DX Club

International DX Convention
April 19-21, 2013
Visalia, California

VISALIA CONVENTION CENTER

- **16 DX and Technical Presentations**
- **Contest Academy & DX Academy Workshops**
- **Keynote: Dr. Joe Taylor, K1JT, Nobel Laureate**
- **\$40,000 in Major Raffle Prizes**
- **Many Top Industry Exhibitors**
- **Special Event Station – N6V**
- **EZ Online Registration**
- **RV Parking**
- **Shuttle Bus Service**

Website:
DXCONVENTION.ORG

EARS Elmer List

By Steve Venner, W6TAN



Here is the current list of those kind soles 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
6. Ron Pollack, K2RP
 - Antique and tube equipment (boat anchors)

General Information

EARS Club Officers for 2013:



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



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



Secretary
Michael Hightower, KF6SJ
(858) 613-9240
mike@hightower.com



Treasurer
Teri Bloom, W6TRB
w6trb@earsclub.org



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

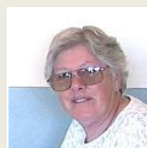
Officers at Large:



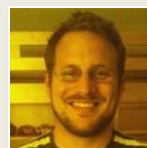
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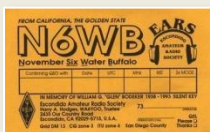


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+ *Property Manager*

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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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:

The LDS Church,
1917 East Washington Avenue,
Escondido,
CA 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.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 REFLECTOR

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.

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 the third Saturday of each month at 08:30, at:

Due to the fire at Spires, until further notice, EARS breakfast will be at the old venue:

Westside Cafe,
9th and Redwood.

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.