

# ALL EARS

www.earsclub.org

The official bulletin of the Escondido Amateur Radio Society – N6WB May 2012

## May's meeting details



May's meeting is going to be a presentation about 'EmComm Go Kits' - by Ken Cohen (KI6HRH).

**We hope to see you there...**

## EARS Event Calendar - 2012

- May 10 Regular Meeting, 7:30 p.m.
- May 17 Board Meeting, 7:00 p.m.
- May 19 Monthly Breakfast, 8:30 a.m.
- **May 24 Field Day Meeting, 7:00 p.m.**
- May 26 [VE Testing](#)
- **Jun 12 Field Day Meeting, 7:00 p.m.**
- Jun 14 Regular Meeting, 7:30 p.m.
- Jun 16 Monthly Breakfast, 8:30 a.m.
- Jun 21 Board Meeting, 7:00 p.m.
- Jun 30 [VE Testing](#)
- Jul 12 Regular Meeting, 7:30 p.m.
- Jul 19 Board Meeting, 7:00 p.m.
- Jul 21 Monthly Breakfast, 8:30 a.m.
- Jul 28 [VE Testing](#)

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## Welcome to May's ALL EARS

By Steve Venner, W6TAN



Hi everyone,

We have a few more articles this month for your perusal, so many thanks to all of you who took the time to submit them – especially to those of you who

got them in before the cut-off date!

Remember, articles for publication are due by the first Thursday of the month (i.e. a week before the club meeting).

So, until next month - I hope you enjoy this edition of ALL EARS.

Best wishes,  
Steve, W6TAN.

## President's Corner

By Robert Kitson, KI6SBL



There is no "I" in EARS...

We just received the report on the EARS 2012 Auction. We raised over \$450.00 for our efforts. That is pretty high considering I have heard we average around \$250.00 to \$300.00 each year.

### What a great crowd!

There were over 60 people there ready to sell or buy, all for the betterment of EARS (i.e. raising money). One anonymous donor donated 3 close to new handi-scratchies (which brought in over \$300.00).

This was a team effort, but I want to single out a few people:

**John McNelly, Marvin Munster and Jo Ashley.**

These three got together and made sure everyone signed in properly and organized the table so our auctioneer could move around.

### Good job guys!

I also want to thank Major David and Bill for making sure we had the Gym ready with an amplifier and American flag.

EARS is truly blessed to work with such a dedicated Salvation Army team.

April was a great month.

Besides the auction, the DXers in our club got to go to the annual DX convention in Visalia. It was my wife's first exposure to the famous convention. She had a great time.

The month of May will also be a busy month as we prepare for Field Day. Please keep checking All EARS and read each email from our reflector to see what you can do to help.

I am going to stop here and allow others write in this issue.

We have amazing and caring members working to make EARS an exciting club. Please join in whenever you can. We can never have too many volunteers or members at any EARS function.

Keep up the great work everyone!

Robert J. Kitson, KI6SBL  
EARS 2012 President

E-mail: [ki6sbl@earsclub.org](mailto:ki6sbl@earsclub.org)  
Phone: (760) 715-2876  
Text: (760) 715-2876

## Program Director's Report

By John Belstner, W9EN



First, a big thank you to Art, KC6UQH for being our auctioneer again this year, Jo - KB6NMK and John - AF6UA for organizing the auction and making sure the event ran smoothly and everyone else that participated to make the event a success.

Also – many thanks go to Teri Bloom, W6TRB for providing photographic evidence of the event on the next page.

Here's a summary of some EARS presentations coming up in the next few months...

### May's Presentation:

Our May 10 presentation will be given by Ken - KI6HRH on the subject of preparation and contents of Emergency Communication "Go Kits". I look forward to Ken's presentation.

### June's Presentation:

The June 14 presentation is rumored to be exciting and educational as well. Our Field Day chair will discuss... of course... Field Day activities and final preparations!

### July's Presentation:

On July 12, Joe - N6SZO and Joe - KE6PHB are tentatively scheduled to present a T-Hunting information session. I'm still awaiting positive confirmation from Joe.





## A Titanic Event

By Teri Bloom, W6TRB



April was the Midway/Titanic event.

The USS Midway and the San Diego Museum of Natural History (NAT) join for special events - and this was a great one!!

Not only did the NAT have a special event with a huge display of many of the recovered items from the ship, but they had actors around with clothes from the era talking to the public telling stories.

Several Midway volunteers built a radio from plans from The Marconi Company, a replica of the emergency radio that would have been on board the Titanic.

The volunteers found wood, parts and wires from the turn of the century and build a spark-gap transmitter & the receiver and they worked!! No tubes, no dials.



They covered everything in acrylic to keep the public from touching it, but they wired a CW keyer outside the box so people could work the keyer and see the spark gap transmitter work. The volunteers had wired a speaker on the receiver and people could hear what they were transmitting.

Three of us were at the USS Midway radio display to talk to the public about the radios and the impact they had.

We have a display board with the story of the two operators on board, and another display board with the last two hours of transmissions from the Titanic, in time order from 12:15 a.m. until the last transmission at 2:20 a.m.

Reading the copy brought tears to some.

On the table next to the emergency radio we set up a modern day paddle and sound box so the people could hear what CW sounds like now, the tones vs. the spark-gap electrical buzz.

I noticed the kids did not understand the 'dots and dashes' concept, so I took a sheet of paper and wrote out the SOS with the dots and dashes.

Now they could see the SOS and with a little instruction, they were using the paddles. So I went one step further and on a different sheet I wrote the entire alphabet with the code next to each letter.

When the kids did the SOS correctly, they were then encouraged to code their first names.

What a hit that was!!  
What fun I had!

We also told the story of the two operators on the Titanic.

How dedicated these young men were and even though the surviving operator was badly injured, he insisted on being carried up to the radio room on the *Carpathia* where he spent the rest of his voyage transmitting the names of the survivors.

We were at the museum from 10 am to 6 pm when the museum closed.

The NAT will have the Titanic display Until September 09, 2012.

## Field-day is-a-coming

By Viv, W6NWF



Ladies and Gentlemen of EARS:

We have had two very successful Field Day Planning Meetings so far and two More are on the books.

The next Planning Meeting is on Thursday, 24 May 2012, at 7:00 PM, at the Salvation Army Building in Escondido CA.

The final Planning Meeting will be on Tuesday, 12 June 2012, at 7:00 PM, also at the Salvation Army Building in Escondido CA.

*Please be there to help us plan what is happening for Field Day this year.*

As always we need more volunteers for setup Friday 22 June 2012 starting around noon, and for tear-down on Sunday 24 June 2012 starting at 11 am.

Please let me know as soon as possible if you will be helping us either (or both) mornings.

Not to be forgotten, we need operators from 11 am Saturday to 11 am Sunday at the SSB, CW, and VHF/UHF stations.

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.

Please contact the Band Captains early so you can get the slot you want – they go fast...

Operator/Logger Training will be held at 9:00 am on Saturday 23 June 2012, two hours before operating officially starts.

Please come to this informative class, whether you will be operating, logging, or just watching during our Field Day.

It is a great way to get over “mike-fright” and show your stuff. **Everyone is welcome.**

The Educational Activity at Field Day will be a presentation about the Sun and Sunspots by our own Kathy Boyd KA6OYD.

She has a very special presentation planned and we are excited to see it.

Please come to Field Day and see it for yourself.

The presentation will be sometime Saturday 23 June 2012 during the afternoon. We will keep you posted on the time when the time's determined.

Saturday Night Dinner is a pot-luck and is for all the members and visitors of EARS to come and see what we have been up to at Field Day.

The Dinner Captain that night is Robert Kitson, KI6SBL. We will be requesting food to bring by first initial of last name, just as we did last year.

Please contact Robert Kitson, KI6SBL for more details:

Cell/text: (760) 715-2876,

E-mail: [ki6sbl@earsclub.org](mailto:ki6sbl@earsclub.org)

Please remember if you bring anything to Field Day as an operator or just to see us, **PLEASE** put your name and/or call sign on each item.

Every year things are left behind for which we cannot locate the owner. Don't be that person whose things don't get back to them.

I will have permanent marker pens and a labeling device at Field Day, so see me if you need something marked or labeled.

The Antenna Party was held at the QTH of Viv, W6NWF on 5 April 2012. Everything went well and we are looking forward to another successful Field Day.

## The Current Band Captains are as follows:

- *SSB:*  
Vince, W6CD  
[W6CD@earsclub.org](mailto:W6CD@earsclub.org)
- *CW(+Tower Manager):*  
Steve, KE6PY  
[scalborn@cox.net](mailto:scalborn@cox.net)
- *VHF/UHF:*  
Fred, W6PBR  
[mcdavitt\\_fred@cox.net](mailto:mcdavitt_fred@cox.net)
- *GOTA:*  
Tom, N6TFL  
[N6TFL@n6tfl.net](mailto:N6TFL@n6tfl.net)

## Other useful contact persons:

- *Antenna Manager:*  
John, N6EP  
[N6EP@arrl.net](mailto:N6EP@arrl.net)
- *Food Captain:*  
Robert, KI6SBL  
[KI6SBL@earsclub.org](mailto:KI6SBL@earsclub.org)
- *Saturday Lunch Captain:*  
Susan  
[W6CD@earsclub.org](mailto:W6CD@earsclub.org)
- *Saturday Dinner Captain:*  
Robert, KI6SBL  
[KI6SBL@earsclub.org](mailto:KI6SBL@earsclub.org)
- *Educational Presentation:*  
Kathy, KA6OYD
- *PR/Greeter:*  
John, KG6DVE

## For more information, please see the Field Day flier on the website.

If you have any other questions, or want to volunteer to help early, please contact me.

I hope to see you at the Planning Meetings and at Field Day!!!

Viv, W6NWF  
EARS Field Day Chairman 2012  
[EARSFieldDay@gmail.com](mailto:EARSFieldDay@gmail.com)  
Cell/text (760) 715-2876  
Twitter: EARSFieldDay

## Emergency Services

By Fred McDavitt, W6PBR



In my never ending quest to find new and interesting opportunities for EARS members to participate in emergency services type activities, I have identified two activities that will allow you and

your 2m/70m HT to get involved in community service while providing a emergency service training foundation.

The first activity is not new, in the truest sense, but if you have never done it, it will be new to you.

The ARRL, San Diego Section, provides HAM support to various races that take place in the county, especially in the spring and fall of the year.

The next one will take place on Saturday, May 12<sup>th</sup>, 2012, along the Pacific Crest Trail in San Diego County, and is a 50 mile foot race.

If you want to test out your "go bag" and see if your 2m/70cm dual band HT radio, extra battery, trail bars and water supply will really meet your emergency needs, you can put it, and yourself, to the test supporting this activity.

John, AF6UA, supports these activities on a regular basis and could answer any questions you might have about exactly what is required. However, if you just want to dive in, contact Douglas Shaw, KI6MBO, the ARRL San Diego Section rep for the race at: [ki6mbo@arrl.net](mailto:ki6mbo@arrl.net)

The second activity is Skywarn, an organization with which I am just becoming involved.

Skywarn requires completing courses and taking tests at various points, but if I can pass the test, so can you.

I should be receiving my Spotter ID number and card in the next week or two. Generally speaking, Skywarn spotters make real time weather reports via any transmission media at hand including HAM radio.

I sent out an EARS email on the subject last week if you have any questions on the next training session to be conducted on May 16<sup>th</sup>, 2012 at the Carlsbad Safety Center at 6:30 PM.

HAM Emergency Services – It ain't for sissies!  
Fred, W6PBR

## A Warning from the Sky

By Jim Campbell, WB6ZPG



Hello EARS members,

My name is Jim Campbell, WB6ZPB, and I am the Central Area (San Diego County) Coordinator for SW Skywarn.

I wanted you to know about a Skywarn training class being presented by Alex Tardy of the National Weather Service on Wednesday, May 16, 6:30PM, at the Carlsbad Safety Center. The address is 2560 Orion Way, Carlsbad, CA.

The presentation will include what Skywarn does to assist the National Weather Service during times of extreme weather, a discussion on extreme weather itself and how to recognize when something might be shaping up, fire weather, and of course a Q&A period.

Also, Paul Nysen, KJ6KIA, will discuss the physics of lightning and how to minimize the chances of an antenna installation from being struck.

At the conclusion of the presentation there will be an opportunity to sign up for Skywarn for those still interested.

There is an online sign-up for this free Skywarn training class, so please direct anyone you know that may be interested to:

<http://www.sdctp.com/NWS/Skywarn/SkywarnSignUp.html> .

In this way, we'll have an idea on how many people to expect.

If you have any questions, please feel free to contact me at [wb6zpb@yahoo.com](mailto:wb6zpb@yahoo.com) .

I look forward to hearing from you!

73,  
Jim WB6ZPB

## San Diego Area T-Hunt

Information provided by Robert Kitson, KI6SBL

Sponsored by the San Diego T-Hunt Group in conjunction with CQ Magazine World Wide Fox Hunting Weekend

**SATURDAY MAY 19<sup>TH</sup>, 2012**

**SAN DIEGUITO COUNTY PARK, SOLANA BEACH, CA.**

### DIRECTIONS:

From San Diego north on I-5 just past Via De La Valle (the race track exit) to Lomas Santa Fe exit.

From LA/OC area south on I-5 just past Manchester exit to Lomas Santa Fe exit.

Then, from both directions, go east 1.5 miles to Highland Dr. and turn left.

The main Park entrance is just after you turn onto Highland Dr. **DO NOT TURN INTO MAIN PARK ENTRANCE!**

Go down the hill on Highland about .5 miles to stop sign and turn right onto El Camino Real. Make a right turn on El Camino Real and go .1 miles to park entrance on your right.

There is a \$3.00/vehicle Park entrance fee or you can park right outside of the entrance on El Camino Real and walk into park with your equipment. Look for "T-Hunt" signs as you enter the park to locate registration area. Talk in simplex frequency will be 146.520

Starting times will be 10:30 AM to 1:00 PM with 5 minute start intervals. If you start at 1:00 you will have until 3:00 to complete the course. There are no registration fees! Maps provided by San Diego Orienteering.

This is not a True International Style Hunt other than using 2-M FM, having 5 T's and using the MOE-MOI-MOS-MOH-MO5 format.

Antennas may be any polarization and T's will not be identical in radiated power.

We intend to use punch card verification for the hidden T's.

There will be red and white flagging tape within 6 feet of the T's which will be concealed along with the punches.

There will not be an 80 Meter course.

This is a short course with lots of hills and good practice for beginners. We will have some equipment to loan and experienced Hams to demonstrate techniques for those that want to experiment with ARDF (Amateur Radio Direction Finding).

A Pot Luck BBQ is planned for 3:00 PM for anyone interested? Bring your own burgers/dogs & buns and we will provide condiments....

For more information contact:

Joe Corones, N6SZO @ H-858.484.3582, C-858.603.5545, [jcorones@gmail.com](mailto:jcorones@gmail.com)

Joe Laughlin, KE6PHB @ H-619.461.7854, C-619.403.3149, [ke6phb@cox.net](mailto:ke6phb@cox.net)

Also note that there will be a 2-M tape-measure beam antenna kit building class scheduled for May 12, 2012. Kits are \$60 and include a 2 or 4 MHz offset attenuator.

Contact N6SZO above to reserve your kit and for information and/or directions. Practice course will be set up after class.

**COME ON OUT AND EXPERIENCE A DIFFERENT ASPECT OF HAM RADIO!**

ED: For those of you who are interested, it is planned that July's program will be about Transmitter-Hunting, and will be given by Jo Corones, N6SZO, and Joe Laughlin, KE6PHB.

## Current EARS Membership

By Steve Venner, W6TAN



There were four new members joining EARS this month:

Robert Zelenack, K3QEP  
Ronald Bowen, KJ6VMT  
Michael Singer, N6MJS  
Robert Dexter, N9SCD

**Welcome aboard!**

An apology is due to Jack Hopkins. Last month, we got his call-sign wrong.

It should have been KG6SDH not KG6SOH – sorry Jack!

With all of the new members joining, and past members re-joining, the current EARS membership as of 3<sup>rd</sup> of May 2012 is:

- Life: 51
- Paid: 65
- Total: 116

## FUNcube is GO FOR LAUNCH!

Information provided by John Couture, KG6YYG



It is anticipated that FUNcube-1, which has been created by a team of volunteer radio amateurs and other specialists over the past two years, will be launched along with a number of other spacecraft from a DNEPR rocket sometime in the third quarter of 2012.

The flight is planned to take place from the Yasny launch facility which is in southern Russia near to the Kazakhstan border.

For more information – see the following website:

<http://funcube.org.uk/>

Professor John J. Couture, KG6YYG  
Computer Science  
San Diego Miramar College



## EARS Elmer Update

By Steve Venner, W6TAN



Since last month, I've had no more volunteers for the EARS Elmer program.

So, Teri Bloom, W6TRB and I have been discussing how we can move forward with the

Elmer database.

We have come up with a couple for good Ideas, which need a little refining. Once we've done that, I'll start the implementation.

In the mean time, here's the current list of those kind soles who have volunteered their 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"...*

## Technical Challenge

By Steve Venner, W6TAN



Amateur radio is a great hobby, in that there are so many different facets to it.

For example, there's emergency communications, contesting, DXing, experimenting, antenna

building, rag-chewing & so-on.

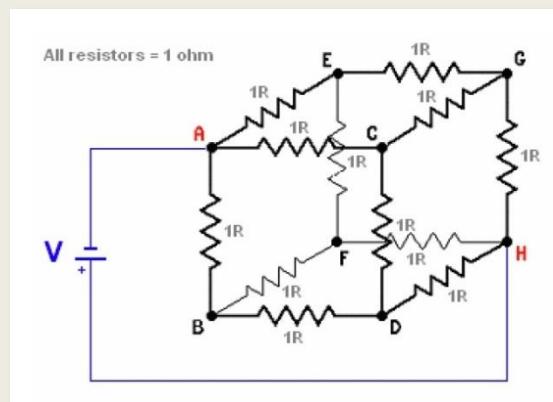
Many aspects of the hobby are obviously technically oriented, which is why there are some simple technical question in the tests that we do to become amateur radio operators in the first place.

To this end, I thought it might be a fun thing to try to expand our technical knowledge by publishing some 'simple' technical challenges in ALL EARS.

So here we go...

We all should know about Ohm's law, and most of us should know about calculating values of resistors connected in series & in parallel, so here's the problem...

A resistor cube consists of 12 resistors, each having a value of 1 Ohm as shown in the following figure.



1. What is the total resistance between nodes A & H?
2. If a voltage of 12 volts is applied between nodes A & H, what is that total current flowing through the resistor network?
3. What is the current flowing through the resistor connected between nodes B & D?

The answers will be published next month!

## General Information

### EARS Club Officers for 2012:



**President**  
Robert Kitson, KI6SBL  
(760) 715-2876  
[ki6sbl@earsclub.org](mailto:ki6sbl@earsclub.org)



**Vice President**  
John Belstner, W9EN  
[w9en@arrl.net](mailto:w9en@arrl.net)



**Secretary**  
Vince Sheetz, W6CD  
[w6cd@earsclub.org](mailto:w6cd@earsclub.org)



**Treasurer**  
Teri Bloom, W6TRB  
[w6trb@earsclub.org](mailto:w6trb@earsclub.org)



**Emergency Services Coordinator**  
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(760) 737-6837  
[mcdavitt\\_fred@cox.net](mailto:mcdavitt_fred@cox.net)

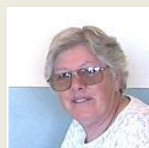
### Officers at Large:



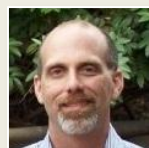
Jeff Murdock, AE6GM  
(760) 730-3657  
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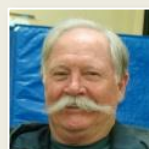
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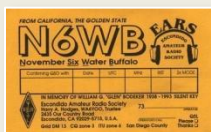


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+ *Property Manager*

### About ALL EARS:



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

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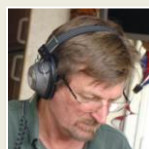
You don't need to be a member. Just drop a note to:

[allears@earsclub.org](mailto:allears@earsclub.org)

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**Note:** The deadline to submit material for the bulletin is by the 1<sup>st</sup> Thursday of the month.

### Non-elective:



**Past President**  
John Musselman, N6EP  
(760) 747-5303  
[n6ep@arrl.net](mailto:n6ep@arrl.net)



**Historian**  
Harry A. Hodges, W6YOO  
(760) 743-4212  
[w6yoo@cox.net](mailto:w6yoo@cox.net)



**Webmaster and Newsletter Editor**  
Steve Venner, W6TAN  
+44 1895 636099  
[w6tan@earsclub.org](mailto: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](mailto: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](mailto: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](http://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](http://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](http://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:

Spires Restaurant,  
1215 East Valley Parkway.  
CA 92027-2309

### 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](http://www.arrl.org/members).

The ARRL Letter is also available to all, free of charge, at [www.arrl.org/arrlletter](http://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](http://www.sdgares.net) or contact Steve Early, Section Manager, (619) 461-2818, or via e-mail at [ad6vi@arrl.org](mailto: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 2<sup>nd</sup> & 4<sup>th</sup> 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.