



Smoke Signals

Newsletter of Fullerton Radio Club

April 2013

President's Message

It's hard to believe it but here we are looking back on Baker to Vegas and less than two weeks to Donate Life. If you have not already signed up please give Gene a call. He still needs about fifteen people to fully staff the event.

Speaking of events, ANTS is just around the corner on May 18th. This is a fun event and the Catalina Club will be joining us this year as they did two years ago. They will be doing the BBQ so bring five bucks and a side dish or a dessert and join the fun. You might also consider bringing a radio lash-up or a special project you're working on to share with the membership of our combined clubs and also with the general public. Look for the FRC banner on the North side of the lake in Tri-City Park. We will start things off with Starbucks coffee for those who can roll out early. Bring a few soft drinks or water. Lunch will probably start around eleven thirty and Joe & April will be doing their Fox Hunt starting mid to late morning. I wonder what kind of special cake April will come up with this year. She gets these cakes from a secret cake store every year. First one to come up with the name of the store gets a free Fox Hunt and a double helping of cake. Maybe we'll even get a visit from the Beringers again this year. If so, there could be a second special cake (chocolate, no doubt) provided by Monique's Marvelous Chocolate Cake Bakery. Mark the date and don't miss it.

Our TAG Team was happy to welcome 'DQ of the Desert' and Rich Belansky, the six meter sleuth, back from their travels. Rich had a successful demo and DQ must have been successful since he had some new goodies to share with us. Dan shared his new pocket spectrum analyzer with us and Larry showed us a new implement, which can only be described by Larry. Ask him. Since Dennis is in the process of moving to his new home in Inyokern we will be meeting for the last time at his QTH in May. Walter has been kind enough to offer his home for our meetings in the future and Larry has offered to be the back-up. We'll have to think up something sneaky and devious for Dennis' send-off. Any ideas?

APRIL CLUB MEETING PRESENTATION

Introduction to Amateur Microwaving

Amateur microwave is one of the remaining frontiers in ham radio. It is a "hands on" activity that can venture into

some very interesting science and opportunity for exploration. The "rig" is of the "build-it-yourself" variety with no two radios being of exactly the same design or configuration. The 10 GHz band is currently where most of the activity is and the ARRL even holds an annual 10 GHz and up contest each year in August and September. Brian Thorson, AF6NA and a member of the San Bernardino Microwave Society, will be presenting an introduction talk to this exciting area of amateur radio.

An Extra Class Amateur Radio licensee, Brian Thorson is the current vice president of the San Bernardino Microwave Society, an American Radio Relay League affiliated radio club. In his twenty-second year at Southern California Edison (SCE), Brian supports a corporation-wide radio frequency (RF) safety program. First licensed with the FCC as a radio engineer in 1979, He has worked in Corporate Safety, Public Affairs, Transmission and Distribution, and Telecommunications areas in a variety of technical and professional roles. Currently, Brian is an Electric and Magnetic Fields (EMF) Specialist. He consults with Edison customers on the electric and magnetic fields associated with electric appliances, products and power lines. Brian speaks frequently to community service groups, real estate offices and SCE customer groups on a variety of technical topics. Several times a year, he teaches the SCE Customer EMF Workshop.

Prior to joining Edison in 1991, Brian spent several years as an Electro-Magnetic Compatibility Engineer (EMC) solving complex radio interference problems for high tech companies throughout Southern California. He has tested and evaluated hundreds of electronic products for compliance with North American and European EMI/RFI standard.

Over 30 years in the electrical / electronics industry, Brian has worked in several fields including technical writing, television broadcast engineering, satellite communications and medical electronics. He has traveled abroad to 25 foreign countries on 4 continents. He speaks English, Spanish, some Mandarin Chinese and Italian. Brian and his family live in Corona, California.

Next FRC Meeting

Wednesday, April 17, 2013

Chapman Activity Center, 2515 San Carlos Drive, Fullerton.

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Show –and–Tell

Bring something of interest to the meeting to show and share your story. Something old, new, or just of interest to hams.

Web site: www.FullertonRadioClub.com

April 2013 Board Meeting Minutes

President: Bill Preston KZ3G, called the January Board meeting to order at 7:30 PM. Others in attendance included: Vice President, Richard Belansky KG6UDD, Treasurer Gene Thorpe KB6CMO, Secretary Linda Endsley KJ6IHB, Board Members at Large: Larry McDavid W6FUB, and Robert Gimbel KG6WTQ.

Minutes of the April Board Meeting were approved as amended.

Treasurer's report: Savings account; \$3,072.39. Checking account; \$2,411.28.

Old business:

The dinners at Coco's before the general meetings will be at 5 PM SHARP and will be ending prior to 7 PM so that the general meetings will be able to start on time and end on time.

Baker to Vegas run is April 13 and 14.

Donate Life is April 27 at Cal State Fullerton. Need 30 radio operators.

Antennas in the Park date is now May 18. The Catalina group will join with us. Location will be at Tri-City Park. We will work on getting more activities for this event.

NOTE: Field Day/picnic will be June 22.

OCCARO is still discussing if they will participate in the Orange County Fair. The next OCCARO meetings scheduled for April 10 and June 19

New Business:

There are 5 new renewals as of today. There are 41 paid and lifetime members.

The April general meeting speaker will be Brian Thorson – Intro to antenna microwave.

Another Hamcon planning meeting will be in June. Planning will be for Hamcon 2015.

The next Board meeting will be Wednesday, May 1, 2013, at 7:30 PM.

The meeting was closed at 8:25 PM

Submitted by Secretary, Linda Endsley KJ6IHB

Public Service Event

April is Donate Life month. The Hostert family of Fullerton had experience in donating & being a recipient. Kathleen donated a kidney to her husband Craig. They decided they wanted to do something to give back to their community & get the word out about the need for donors to save lives of others who are awaiting the life saving "gift of life". They decided to do a run/walk. It is an event that brings donors & recipients, families & friends, and runners & walkers with no direct connection to donation together for a day of stories that touch the heart, info on donation, a chance to run or walk for a good cause.

Please consider joining us at California State University Fullerton on April 27, 2013 for the 11th annual DonateLife Run/Walk & Family Festival. Members of our club (along with additional hams from other clubs as needed) have provided communications along the route & to some of the committee members since the first run. Every year it grows (over 10,000 last year). This is a great public service event & a good way to practice your emergency radio skills. We are there to provide extra eyes & ears to help insure the safety of the participants.

We are in need of 30+ amateur radio operators to support this event. Please send your name, call sign, e-mail address, & phone number to Gene Thorpe KB6CMO via e-mail: KB6CMO@ARRL.net Time: 0700 - 1030 hrs, or so with Family Festival afterwards.

God Bless America and You too. Thank You, Gene Thorpe, KB6CMO

Public Service Event Date Correction

The Special Olympics needs ham radio operators for their event **June 8 & 9**, 2013 – note the date correction.

Contact Mark Lidikay at ke6tnm@scran.org for more info

FRC Transmitter Hunt, March 16, 2013

Hiding just out of bounds is becoming a habit in recent months. For the March 16 hunt, Steve Wallis WA6PYE was in the parking lot of a shopping center along Grand Avenue just east of the 73 Freeway in Chino Hills. The hunters had to figure out if the signal was direct or if he was bouncing it off Mt. Baldy.

Team Calls	Odo Miles
K0OV/WB2LRH	20.05
N6AIN	20.6
AB6PA/KG6EEK/N6BOX	34.1
N6MJN	Unofficial

Come out for the next hunt on April 20, beginning at 8 PM from the top of Acacia Avenue in Fullerton. Tom and I might be hiding, or not.

73,
Joe Moell K0OV

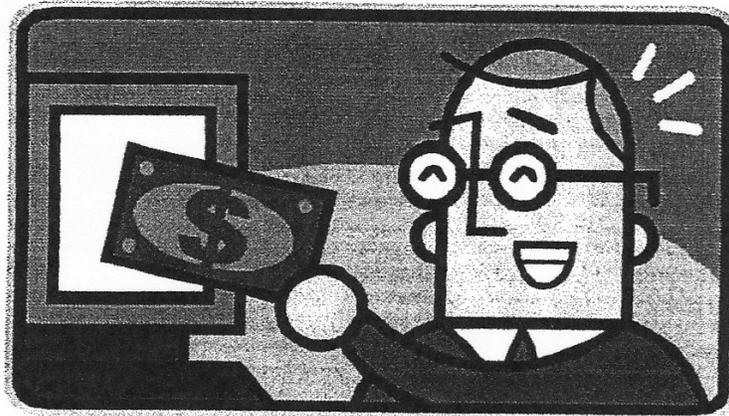
Next on-foot transmitter hunt at Schabarum Park April 20

The next southern California on-foot hidden transmitter hunting event will be Saturday, April 20, 2013 at Schabarum Regional Park. If you are a beginner, there will be entry-level two-meter fox transmitters just for you, set by Joe Moell KoOV. For more experienced radio-orientees, there will be a 5-fox two-meter international-rules course of moderate difficulty, set by Marvin Johnston KE6HTS. An optional 80-meter fox transmitter or two may also be on the air. A ham radio license and knowledge of radio equipment are not

required. Experts will be on hand to teach you the basic techniques of on-foot radio direction-finding (RDF). Also expect to see some folks training to compete in the 2013 USA ARDF Championships that will be in North Carolina this October. If you don't have the antenna/attenuator system for on-foot foxhunting on two meters with your ham radio handi-talkie or scanner, you can easily make one during this session. If there is sufficient interest, Marvin Johnston KE6HTS will conduct a clinic for building his kits for measuring-tape yagis and for 90 dB offset-type attenuators. An assembled/tested attenuator in a special housing that goes inside the boom of the yagi is also available. If you wish to build kits at this workshop, you must register in advance by sending e-mail to marvin@west.net, so he will have the kits reserved in your name waiting for you. It takes about an hour to put the kits together with tools and soldering irons that will be provided. If you're not an electronic technician, don't worry because there will be plenty of experts to help you. We want you to succeed! Then with your HT and the kitbuilt equipment, you will be all set to hunt. All transmitter hunting begins at 10 AM. The starting point for the advanced course will be a different part of the park, so if you plan to take on that course, please arrive at the gathering area before 10 AM so we can transport that group to the starting point and do starts at five-minute intervals. Beginners will start from the gathering area and will not need to be transported. If there is an antenna/attenuator clinic, it will start at 11 AM and there will still be time to hunt the beginner transmitters after that. Courses will close at 3 PM. For the advanced 2-meter

course, orienteering flags and electronic scoring will be used at each transmitter. If you have an "e-stick," be sure to bring it. Please donate \$5 for the advanced course to cover expenses related to the use of Los Angeles Orienteering Club's e-punch equipment and maps. No donation is requested for the beginner course and the 80-meter transmitter hunt. If you have them, bring a handi-talkie, receiver, or scanner covering the two-meter band for each person who will be going ARDFing. If you have directional antennas, attenuators, or other on-foot RDF equipment, be sure to bring that too. Make sure that all batteries are fresh. For those with no radio gear, some extra ARDF receiver/antenna sets will be available. Be sure to bring anything you'll need while going after those radio foxes, such as munchies, bottled water and sunscreen. For map plotting, bring your own compass, protractor and pencil. Trails are primitive in some areas of the park, so wear sturdy shoes. All ages are welcome, but young children must be accompanied by an adult at all times. Schabarum Regional Park is on the south side of Colima Road, just east of Azusa Avenue in Hacienda Heights. (Thomas Guide 678-G4) A map to the site is in www.homingin.com. There is a vehicular entry fee for the park, so carpooling would be a good idea. Upon passing through the entry gate, drive south (straight ahead, don't turn right) and continue to the end of the road (about 0.7 mile). Park in the last parking lot near the restrooms. Look for the orange and white orienteering flags and signs. Call KoOV on 146.52 simplex if you have trouble finding the gathering area within the park. 73, Joe Moell KoOV

DUES ARE DUE !



APRIL IS DUES RENEWAL MONTH

The process is real simple; just cut out or copy the membership renewal /application form below, fill it out and mail it to the PO Box noted on the form.

Or, save the postage stamp and hand the application and dues payment to Gene KB6CMO at the April Club meeting.

MEMBERSHIP RENEWAL / APPLICATION

Fullerton Radio Club
PO Box 545, Fullerton, CA 92836

(Please Print)

Name #1 _____ Call: _____ Class: _____

Name #2 _____ Call: _____ Class: _____

Name #3 _____ Call: _____ Class: _____

Address: _____ City: _____ State/Zip: _____

Phone #1: _____ Email #1: _____

Phone #2: _____ Email #2: _____

ARRL Member Yes No

Special Amateur Radio Interests: _____

Dues are \$20 per member, or \$25 per family. Students (full time) \$10
Bring your application and dues payment to the next meeting or mail to the above address.