



Smoke Signals

Newsletter of Fullerton Radio Club

September 2012

Presidents Message

Hi all. It is now September and time to start thinking of new officers for the next year. I will be asking a few of you to be on the nominating committee so if you are interested please let me know and if you would like to run for one of the positions let the committee know. One of the positions that must be filled is that of president as I have reached the 2-term limit. Thank you all and hope to see you all at the meeting.

Albert Solomon AG6OF

App review

Hi everyone,

This month I would like to review an app called ***knots 3d***. This app has a list of 71 knots that are useful for just about anything. The app is simple to navigate and has several categories to get the right knot for the job. What really impressed me about this app is that it has a 3-dimensional representation of each knot and an animation on how to tie it. For each knot there is a brief history, description of use and strength and reliability of the knot. If you are wondering how this app is related to ham radio just ask yourself how many antennas have you put up and how much rope you used. Thank you for your time and if you have an app you would like me to review let me know and I will see what I can do.

Albert Solomon AG6OF

September Meeting

History of the Development of the Modern Receiver, Part 2

Part 1 of this talk covered the earliest beginnings up until the beginning of World War II. This second half of the talk will bring us up to the present "state of the art" in receiver design and what the future possibly has in store for us. We'll talk about the digital revolution, the introduction

of solid state components, and of course, software defined radios.

Dennis W6DQ

First licensed in 1969 as WN6NIA, soon after as WA6NIA, Dennis recently traded in his callsign for that of one of his High School Elmers - W6DQ.

Fascinated by the history of receivers, Dennis decided to do something with his extensive collection of them and put together a presentation that describes that fundamental "defining moments" that have led us to what we now take for granted as the communications receiver.

After nearly 30 years with Raytheon/Hughes Aircraft Company, Dennis has now retired from his position as a "Senior Principal Multi-discipline Engineer." Basically, that means he knows a little bit about a whole lot of different things ... but the fun part is that he has worked on everything from battlefield communications systems, to building airports, to flying satellites, and even robots painting pickup trucks.

Plans for Club Officer Elections

As your President indicated, he'll be looking for assistance in the search for a new slate of candidates for club officers. Elected officers include: President, Vice President, Secretary, and Treasurer, plus a minimum of one "at large" member of the Board. Any paid member may run for any office. Nominations are to be presented by the nominating committee at the October meeting, where additional candidates may be nominated from the floor, with approval of the candidate. Elections will be held at the November meeting, with installation of the new officers at the December dinner meeting.

All offices are open for nominations, but this year we know that we must elect a new President due to term limits, and we have been informed that the current Vice President will not seek another term (unless he changes his mind).

Fullerton Radio Club
P.O. Box 545, Fullerton, CA 92836-0545

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Treasurer, Public Service

Gene Thorpe, KB6CMO
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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

September 2012 Board Meeting Minutes

President Albert Solomon AG6OF called the September Board meeting to order at 7:30 PM. Others in attendance include Vice President Richard Belansky KG6UDD, Secretary Linda Endsley KJ6IHB, Treasurer Gene Thorpe KB6CMO, Directors Larry McDavid W6FUB, Bill Preston KZ3G, Robert Gimbel KG6WTQ, and members, Paul Broden K6MHD, Cheryl Thorpe KE6TZU.

Minutes of the August board meeting were reviewed and approved. Treasurer's report: Savings account; \$3,071.96. Checking account; \$.1,990.56 A check was written for the filing fee.

Old business: There were 2 new members and 1 renewal for July. Payment for dues are past due if not paid, and need to be submitted if not already sent.

Airport Day will be Saturday, October 6, 2012, 10am - 4pm. Sign-ups will be available at the monthly meetings. We still need 7 more volunteers. Gene will find out on the 12th what time volunteers need to be there.

December Holiday dinner – was voted to have on Friday, December 14, at Marie Callender's, Placentia.

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.

Next OCARA meeting – October 10.

Continuing Tech class – classes every 3rd Thursday (except Oct and Nov) at Cedar Hill Mobile Estates.

New Business:

The September general meeting presenter will be Dennis Kidder, W6DQ. Topic: History of Receivers, Part 2.

La Palma Parade will be in November. More info to come.

Fullerton Senior Center will have a **New Community Center Grand Opening** October 6, 11am – 2pm.

The next Board meeting will be Wednesday, October 3, 2012, at 7:30 PM.

The meeting was closed at 8:02 PM

Submitted by Secretary, Linda Endsley KJ6IHB

Public Service Event

Fullerton Airport Day October 6, 2012

Needed: At least 10 more Amateur Radio Operators for this event.

From: 0730 - 1600 hrs. Send your info to: KB6CMO@ARRL.net

For more info: Call Gene Thorpe at: 714-680-4258

FRC Transmitter Hunt: 8/18/2012

Bob Miller N6ZHZ and Cathy Livoni KD6CYG were hiders for the August FRC mobile transmitter hunt. They regularly respond to reports of squawking aircraft Emergency Locator Transmitters, so they know lots of interesting places to hide transmitters.

They picked Fresno Road in Corona, which intersects Green River Road just south of the 91 Freeway. They were by the gate at the end of the pavement with a beam pointed toward Mt. Baldy. But you can't really get a good shot at Mt. Baldy from there, so most of the signal got back to the starting point via bounce from the Chino Hills and Pleasant's Peak. That should have made it easier, but the signal still snookered some of the hunters into the hills of east Yorba Linda and other places where the transmitter wasn't.

<u>Team Calls</u>	<u>Odo Miles</u>
N6MJN	17.10
WA6CYY	19.80
K0OV/WB2LRH	20.75
N6AIN/WA6PYE	25.10
AB6PA/KG6EEK	72.00

Come out on September 15 to see where Dave Balgie N6MJN hides the transmitter. We start at 8 PM from Ladera Vista Drive, just east of the north end of Acacia Avenue in Fullerton. Ride-alongs are welcome.

73,
Joe Moell K0OV

HDSCS Activities

The TERMITES were out in force in August on HDSCS frequencies. If you scanned around and heard some strange exchanges; terms like "clarifikatzen" and factoid; people calling "contact, contact"; rapid roll calls; hospital, medical, and technical trivia with people earning points for correct answers; and lots of references to "being in the woodwork or going back in the mound"...well you were listening in on the annual HDSCS TERMITE MONTH. This is actually an enjoyable way to encourage members to be on the air testing their capabilities, learning

procedures, and becoming familiar with names, callsigns, and repeaters. It's a contest with prizes and special Termite certificates when it's all over. But most importantly, members are much more competent with their equipment; understand the various repeaters better; can match names and calls more easily; and get lots of review on medical terminology, hospital functions and EMS procedures. Some of the FRC members that crawled out of the woodwork during the month were: Paul, K6MHD; Tom, WB2LRH; Tom, KB6A; Chris, KE6BRY; Gary, KC6TWZ; Mike, W4OPS; Dave, KJ6REP, Louie K6SM, and others. Next month we'll let you know if any of those folks made it into the Termite Top Ten.

April, WA6OPS and Joe, KØOV attended the annual ARES seminar for Orange Section held out in Perris on August 4. April did a presentation on the "Ins and Outs of Hospital Communications" for the group of about 75 attendees. Joe and April also networked with many folks from Riverside and San Bernardino counties on the best ways to provide support communications to hospitals.

April, WA6OPS

T-Hunt Activity

The next southern California on-foot transmitter hunting session will be Saturday, September 22, starting from the Mission Viejo Community Center. If you've heard about on-foot hidden transmitter hunting but haven't tried it, or if you are a beginner that needs some practice and guidance, this free introductory session is for you. 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). Bring the kids and grandkids, then go out on the course with them!

This event is sponsored by South Orange Amateur Radio Association

(SOARA). Your host is Sean Reigle AJ6B. Please plan to arrive at the Community Center by 9 AM for a brief classroom introduction to on-foot transmitter hunting, followed by an opportunity to find some two-meter band transmitters located in the surrounding park.

There is no charge for this event. A limited amount of radio direction finding gear will be available for loan. If you have receivers, scanners, directional antennas, attenuators, or other equipment suitable for on-foot RDF, be sure to bring it. Make sure all batteries are fresh. All ages are welcome, but young children must be accompanied by an adult at all times.

The Mission Viejo Community Center is also known as the Norman P. Murray Community & Senior Center. For your GPS navigation system, the address is 24932 Veterans Way. From Interstate 5, take the La Paz Road exit, go east 1.6 miles past Marguerite Parkway to Veteran's Way. Turn left (north) and continue one-quarter mile to the Community Center parking lot. Talk-in is on the SOARA Laguna Beach repeater, 147.645(-) PL110.9. A map to the site is at www.homingin.com.

73,
Joe Moell K0OV
homingin@aol.com
www.homingin.com

Equipment Availability

FOR SALE. FT4700 RH transceiver, can be trunk mounted (with control panel mounted under dash) or mounted as a complete rig. This is a DUAL BAND UHF/VHF rig, 20 memories on each band. Pwr output of 50 watts (2m), 40 watts (70cm)

Includes control cable, mounting bracket, ext speaker, duplexer, microphone and instruction manual.

Price \$200.00

FOR SALE. 220 MHZ Transceiver ICOM IC-37A

25 Watts output pwr, 9 memories, includes Microphone, mounting bracket, instruction manual.

Price \$200.00

Bob Reitzel KD6DA
(562) 691-1514

Freebies Continue

For the third time I find myself with more freebies to give Hams of the FRC. These items are given in the hope that the taker is not running a business but will use the items to be a more productive Ham. With this in mind, a Ham would not be taking a second antenna or scope or whatever.

Perhaps other Hams have a full larder and would like to contribute items to be given away. I will be happy to store them, dust them off, repair them or get them repaired, and announce their availability in *Smoke Signals*.

I've been trying to cut prices, but when you are giving stuff away you find it is hard to do. Here are some of the items (partially supplied by K6TEE who is not in the club, but who wants Hams to have what they need to increase their outreach):

1. BK Precision oscilloscope @ 30 MHz. No Cables (cheap on Ebay).
2. Tektronix 114 Pulse Generator
3. 2 meter and 70 cm final amp that connects to a 5 watt handy-talky. It puts out about 20 or more watts. Works off car battery or one can use a
4. 13.8 V DC power supply for amplifier above or for any other radio up to 6 or 7 amps. (I use one of the amps above in my car and a power supply with the amp at home to increase the signal strength of my handy-talky.)
5. Small Field Strength Meter.

There are other items, too small to mention, but I will mention them when I run out of the bigger stuff. Please call me at 714 529 4559 to set up a time to have a look at the items, which are available on a first come, first serve basis. I live

in North Fullerton, so it is convenient for most interested Hams to come up and have a look.

73's, Tom Fiske, AA6TF

FRC Regular Club Meeting

Third Wednesday of each month
Chapman Activity Center
2515 San Carlos Dr.
Fullerton, CA

Next Regular Meeting
Wednesday,

September 19, 2012

Dinner before the meeting at **5:00 PM** at:
Coco's Restaurant, 1011 N. Harbor Blvd.

Meeting time: 7:00 PM

**Orange County Council of Amateur Radio
Organizations (OCCARO)**
www.occaro.org

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FRC Board Meeting

Open to all members

Marie Callender's Restaurant
126 Yorba Linda Blvd., Placentia
First Wednesday of each month.

Next Board Meeting
October 3, 2012

QSO and dinner; 7:00 PM

Meeting: 7:30 PM

Mon. - Fri. 9:00 AM to 6:00 PM
Sat. 9:00 AM to 5:00 PM

Tel: (714) 521-8080
Fax: (714) 521-8920

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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.