



# Smoke Signals

## Newsletter of Fullerton Radio Club

### June 2016

#### June Meeting

The speaker for FRC June meeting will be Kevin Zanjani from Bioenno Power, a local company that uses new technologies in the production of batteries and powerpacks that are appropriate for use with amateur radios.

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Bioenno Power, a leading Santa Ana, California based manufacturer, offers you a variety of advanced battery solutions including LiFePO<sub>4</sub> (Lithium Iron Phosphate) batteries for ham radio applications. We work with different ham radio enthusiasts across the U.S. and heard about your ham radio club through our customer base. We offer a full line of LiFePO<sub>4</sub> battery products across a wide range of voltages from 12V to 48V with capacities ranging from 3Ah to 200Ah. Our LiFePO<sub>4</sub> batteries are manufactured to ISO9001 standards using high quality materials and stringent quality control. In addition, we also offer a variety of powerpacks (portable energy storage systems) and foldable solar panels for your field applications.



Kevin Zanjani

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#### FRC June Club Meeting

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**Wednesday,  
June 15, 2016**

**Chapman Activity Center**  
2515 San Carlos Dr.  
Fullerton, CA

**Dinner before the meeting at 5:30 PM at:**  
**Sizzler**  
**1401 N. Harbor Blvd.**  
**Fullerton**

**(Note: New dinner location!)**

**Meeting time: 7:00 PM**  
**Visitors are welcome**

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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.org](http://www.FullertonRadioClub.org)**

## June 2016 Board Meeting Minutes

The May 4, 2016 FRC Board meeting was called to order by President Albert Solomon AG6OF at 7:46pm. Present: Vice President Walter Clark, Treasurer Gene Thorpe KB6CMO, Secretary: Linda Endsley KJ6IHB. Directors: Larry McDavid W6FUB, Paul Broden K6MHD; Robert Gimbel KG6WTQ and members Cheryl Thorpe KE6TZU and Helen Solomon KJ6IEN.

Treasurer's report:

Checking \$2,388.21

Savings \$4,606.37

May minutes approved with the addition of member Bob Houghton AD6QF in attendance.

Old Business:

ANTs in the Park had a good turn-out and good food. There was a successful T-hunt by Joe Moell K0OV. Need a sign at the entrance next year. Also, need to contact more clubs for next year's ANTs and to plan earlier in the year.

More articles are needed for input in the newsletters.

New Business:

Membership remains the same.

Walter suggested we should have a location to receive Internet reception for some general meetings. Albert and Gene will check on locations.

WARA Field Day is June 25 and 26; location is in La Habra across from Costco. FRC member are invited.

La Habra Fun Run is July 4

Next board meeting: 06 JULY 2016

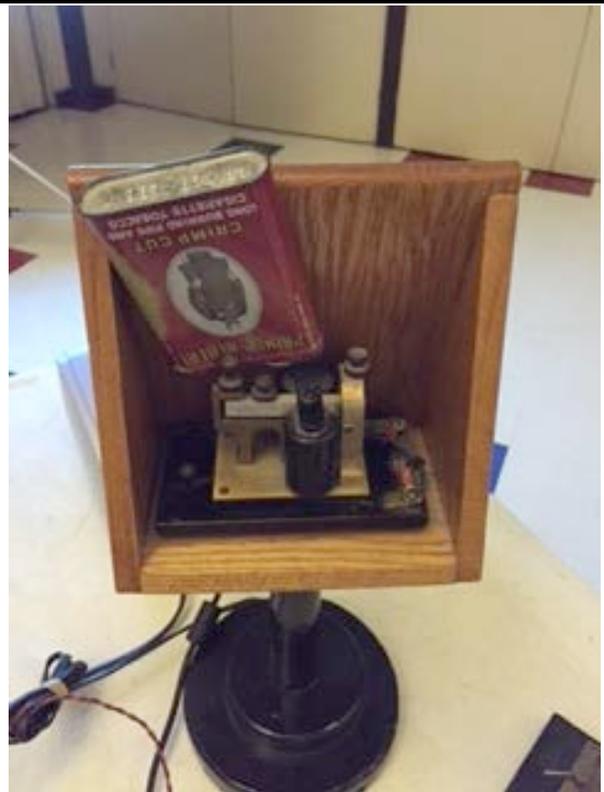
Adjourned at 8:33 pm

Submitted by Linda Endsley KJ6IHB



Ken Miller K6CTW

The May meeting featured Ken Miller K6CTW with a presentation of the history and use of codes, including telegraphy (American Morse, Continental Code, Russian Code), and Morse Code as we know it now. The photo above shows a sounder as used in telegraphy. The “Prince Albert” can shown adjusts the audible tone.



Telegraph Sounder



“Solar powered” clock (c. 1920) and maritime compass from a rescue craft presented as show-and-tell by John Wisniewski N6PSU

## Photos from Antennas In The Park



**Hillcrest Park ARDF on 5/14/2016**

**Report below and photos above by Joe Moell KØOV.**

"Antennas in the Park" (AITP) is an annual tradition for the Fullerton Radio Club (FRC) and this year's was the best attended in a long time. The FRC directors decided to include a barbecue this year, with President Albert Solomon AG6OF as the Chief Cook. He

prepared quite a spread, including hamburgers, chicken and sausages. All the food and drinks had an unintended consequence, because two of our regular transmitter hunters decided to eat first. Afterward, they were too full to foxhunt. Next year, the rule will be "hunt first, eat later."

I had three easy transmitters on two-meter frequencies for the newcomers. Among them was Tom Smith KB6A on his first transmitter hunt, helped by Julianne Walsh KI6DYX. They also served as warm-up for the experienced folks who later tried the full five-transmitter ARDF course.

Since this is a public park with lots of activity, there were no flags and all of the two-meter transmitters were well concealed inside the shrubbery. Here are results of the two-meter ARDF course:

TWO-METER COURSE RESULTS -- 5 FOXES			Name and call	Time	Foxes		
Bill Wright	WB6CMD	0:59:39	5	Rick Stutsman	N6IET	1:31:10	5
Steve Hebert	K6CRW	1:33:01	5	Cliff Pratt	N6PWC	1:36:19	4

I put out an 80-meter transmitter, because that is an important part of championship ARDF competition. Will Anderson AA6DD and Robert Haggard AD6XJ used this transmitter to test and tune up their R3500D 80-meter ARDF sets from Chinese Radio Kits.

As usual, there were other activities at AITP this year. Walter Clark brought out some unusual microwave gear for show and tell. Portable QRP HF stations were set up and operated by Bob Thornburg WB6JPI and Dick Palmer WB6JDH. Dan Slater AG6HF flew one of his many quadcopters. And of course there was the traditional Foxhunting Weekend cake from April Moell WA6OPS.

Thanks to everyone who helped make it a great day! Joe Moell KØOV

### Look! Up In The Sky. It's a .... Quadcopter?



Dan Slater AG6HF with his quadcopter, including an aerial view of the "ANTS" event from the 'copter. (Photos by: Larry McDavid [top left], Dan Slater [bottom right] and Paul Broden.

## More from Antennas In The Park



Bob Thornburg WB6JPI and his QRP station with observers Gene KB6CMO and Cheryl KE6TZU

## HDSCS Activity

On May 24, HDSCS participated in its first major hospital disaster exercise for 2016. With 3 mass casualty disaster sites across the county, 28 hospitals received over 100 victims. The thrust of the exercise at the three sites was to simulate a county-wide terror event and this was further complicated by some facilities adding a bomb threat or active shooter at their location. The multiple scenarios tested the fire departments triage procedures, evaluated the county's mass care plan's dispatch protocols, and stressed the staffs at each of the facilities in prioritizing current patients versus incoming disaster scene victims. Reviewers assessed hospitals' plans for dealing with bomb threats and shooting incidents and each hospital put alternate communications modes to the test. They were dispatched via ambulance, public transit, as well as arriving in personal vehicles. Some hospitals also staged victims outside their facilities that simulated additional patients arriving on their own. After activation by a special page, HDSCS communicators were on site at hospitals and the Health Emergency Operations Center. Numerous hospitals did not use their normal command center locations and some hospitals with installed antennas had had recent remodeling or new construction causing damage to coax or completely covering over coax terminations. A great deal was learned from this exercise by every entity and there will be significant follow-up. Part of that follow-up will be by the HDSCS antenna team. FRC members April, WA6OPS, Joe, K0OV, Bob, AD6QF, and Tom, WB2LRH participated in the exercise for HDSCS. And FRC's very own Gene Thorpe KB6CMO

participated as a victim with a very special friend. We didn't even know he was expecting.

Tom Gaccione WB2LRH AEC HDSCS



Volunteer "Victim" Gene KB6CMO and his "special friend"

## FRC Board Meeting

**Open to all Club members**  
**Marie Callender's Restaurant**  
126 Yorba Linda Blvd., Placentia  
First Wednesday of each month.

**Next Board Meeting**  
**July 6, 2016**

QSO and dinner; 7:00 PM  
**Meeting: 7:30 PM**

## Field Day With HDSCS

FRC members are invited to visit Field Day activities with Hospital Disaster Support Communications System (HDSCS) at their Field Day event to be held at Huntington Beach Hospital, 11 AM Saturday June 25, through 11 AM Sunday, June 26. The hospital provides special facilities in the parking lot. You can't miss the big yellow tents. We'll be making contact points on the HF and VHF bands, holding a VE testing session on Saturday afternoon (reservations required) and promoting Amateur Radio to the public. There will be a GOTA (Get On The Air) station for those without a ham license or who have been inactive for over a year. If you'd like to attend and be a guest operator we suggest that late Saturday evening, or even over night, or perhaps early Sunday morning might be best time.