



Smoke Signals

Newsletter of Fullerton Radio Club

July 2016

July Meeting Presentation

Our presenter, Tom Gaccione WB2LRH has been a Senior Principal Engineer with Hughes Aircraft/ Raytheon since 1985. He has worked on several RF, Microwave, and Laser systems for fighter aircraft, commercial electronics, and spacecraft including hybrid microelectronics, custom power devices, receivers, and electronically scanned arrays.

His current assignment is work on a USAF project for a next generation UAV experimental antenna array.

As more capability and functionality is added to modern sensors and communications systems, RF and optical systems have become an order of magnitude more complex in the last 30 years.

Topic

The topic of July's meeting will be on advancement in technology specifically related to electronic design tools, communications systems, electronic antennas and measurement systems. Without too much math, Tom will review how designs are developed, how measurements are made, and where technology is heading in the next 20 years.



Tom WB2LRH at an HDSCS activity

MEETING LOCATION CHANGE

We have changed our meeting location for **July only**, and for this month will meet at the *Fullerton Community Center, 340 W. Commonwealth Ave.* Meeting time will be the usual 7:00 PM. Dinner before the meeting for those interested will be at Sizzler, 1401 N. Harbor Boulevard, at 5:30PM.

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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

July 2016 Board Meeting Minutes

The July 2016 FRC Board meeting was called to order by President Albert Solomon AG6OF at 7:30pm. Present: Vice President Walter Clark, Treasurer Gene Thorpe KB6CMO, Secretary: Linda Endsley KJ6IHB. Directors: Larry McDavid W6FUB, Paul Broden K6MHD; Robert Gimbel KG6WTQ and member Cheryl Thorpe KE6TZU.

Treasurer's report:

Checking \$2,331.64

Savings \$4,606.45

June minutes approved with the correction the Fun Run was the La Palma Fun Run, not La Habra as reported.

Old Business:

Field Day by WARA in La Habra went well.

More articles are needed for input in the newsletters.

New Business:

Membership remains the same.

Future speakers for the coming months for the general meetings:

July – Tom Gaccione, WB2LRH

August – John Norman

September – Kevin McArthur of the Irvine Conservancy

October – Bob Turner – difference in ARES, RACES

November – Wayne Spring – Old Radio Restoration

NOTE: LOCATION CHANGE FOR THE GENERAL MEETING WEDNESDAY, 7/20/16, 7 PM, WILL BE THE FULLERTON COMMUNITY CENTER (JULY ONLY)

Next board meeting: 03 AUGUST 2016

Adjourned at 7:55 pm

Submitted by Linda Endsley KJ6IHB

What Are You Doing This Summer?



Campsite (no ham antennas seen) for Bob Houghton AD6QF, and family in the Cotswolds (England).

FRC Mobile Transmitter Hunts

You never know where you'll end up, and you never know what you're going to find. That's what it's like to start out on a mobile hidden transmitter hunt. Fullerton Radio Club sponsors a mobile hunt on the third Saturday evening of every month, so why not join in and discover the unexpected. On our hunts, the lowest mileage from start to the transmitter wins, so you don't have to drive like crazy while hunting. Take your time, watch your maps and strategize!

The hunt on May 21, 2016 was put on by Bill Greganti KG6EEK and Glenn Tobey AB6PA. They were parked at the end of Deveron Cove Road in the city of Yorba Linda. It overlooks Yorba Linda Boulevard, but isn't easy to get from there. Here are the mileage results:

<u>Team Calls</u>	<u>Odo Miles</u>
N6MJN	9.3
WA6CYY	10.0
WB6JPI	10.6
WA6PYE/N6AIN	11.1

As the May winner, Dave Balgie N6MJN was responsible for putting on the June 18 hunt. He staked out the K-Mart parking lot at West Cameron and South Orange Avenues in West

Covina. It's just south of the 10 freeway, which is the northern boundary for the hunt. He ran five watts into a four-element quad antenna, so there was plenty of signal for the hunters. Here are the results:

Team Calls	Odo Miles
AB6PA	19.5
N6AIN	20.5
N6ZHZ	23.0
WB6JPI	29.5
WA6CYY	Didn't finish

So Glenn Tobey AB6PA will be responsible for hiding the July 16 hunt, which will start at 8 PM from the top of Acacia Drive in Fullerton. The signal will be continuous on 146.565 MHz.

73,

Joe Moell K0OV

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
August 3, 2016

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