



Smoke Signals

Newsletter of Fullerton Radio Club

September 2015

September Meeting Presentation



Brian Thorson, AF6NA

How Much RF is Too Much? A Look at Low-Level Radio Frequency (RF) Exposure and Current Science

If your club members haven't yet been denied a permit for an antenna tower, it is just a matter of time. And one of the arguments opponents bring up is that RF causes cancer or other diseases. Major health authorities recognize that extremely high RF fields can cause over-heating and tissue damage, but there is much misunderstanding about low-level exposure. A great deal of quality research has been completed on RF and microwave exposure in recent years, and the human health effects literature reviewed numerous times. At this point, public health agencies of leading nations agree that no convincing evidence has emerged

showing health hazards from low-intensity RF or microwaves.

But not all agree. Some parents' groups have campaigned against the use of wireless internet in schools, homeowners' associations have opposed cellphone towers, and special interest groups have launched local crusades against wireless (smart) utility meters and amateur radio stations.

This talk provides high quality information on recent findings from major public health authorities and government agencies with international standing. It also looks at the opposing opinions and identifies some of the key players. All attendees will receive a list of recent health agency statements on RF and microwave exposure.

With over 18 years in public health communications, Brian Thorson is a three-time award winner for contributions to EMF and wireless fields research projects. Brian received his First-Class commercial FCC license in 1979 and his Extra-Class Amateur radio license in 2008. He is active on Amateur 10 GHz and operates on the HF, 2m, 220 and 440 MHz bands. He serves as V.P. of the San Bernardino Microwave Society.

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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

September Board Meeting Minutes

The September 2015 Board meeting was called to order by President Albert Solomon AG6OF at 7:20 PM. Others present included Treasurer Gene Thorpe KB6CMO, Secretary Linda Endsley KJ6IHB, Board members Larry McDavid W6FUB, Richard Belansky KG6UDD , Robert Gimbel KG6WTQ, Paul Broden K6MHD, and members Cheryl Thorpe KE6TZU and Helen Solomon KJ6IEN.

Minutes of the August Board meeting were reviewed and approved.

Treasurer's report: Checking, \$2,600.24; Savings, \$3073.84.

Old Business:

Membership – no activity

HamCon – Will be September 11, 12, 13 – Torrance Marriott. The club provided \$100 for prizes.

Larry purchased a projector screen for the club.

New Business:

Speakers for the September and November general sessions have been scheduled. September speaker will be Brian Thorson, AF6NA, and the topic will be RF exposure. Speaker for the general session for next month, October, will be Joe Orrico, WB6HRO.

The next Board meeting will be Wednesday, August 7.

The meeting was closed at 7:53 PM

Submitted by Linda Endsley, KJ6IHB

Emergency Communications Course

I have started another course for EC001 Introduction to Emergency Communications after a successful two day course in Riverside. This class takes two days and are approximately 6 - 8 hours each day. The course is held on two Saturdays this coming October. The class fills up fast so register soon. No Walk Ins.

Please go to www.orange-arrrl.org. Click on Events/Seminars, then EC001, there is a .pdf file that you can read or download with instructions on how to register and how to receive your book ahead of time to start studying.

If you have further questions regarding registration, you can contact Dave Popko at dave.popko@redCross.org

Any other questions regarding purchasing a book ahead of time you can contact me: Carl Gardenias at wu6d@arrrl.org. Hope to see you in class.

Carl Gardenias WU6D
EC001 Instructor

Updated convention transmitter hunt info

Two Ways to Hunt Hidden Transmitters at HamCon 2015.

The Fullerton Radio Club is presenting two opportunities to win prizes while doing radio direction finding during Hamcon 2015.

On Friday evening 9/11, there will be a mobile (vehicle) T-hunt starting promptly at 7 PM from the large parking lot at the north side of the Torrance Marriott, 3635 Fashion Way, Torrance, California. This is a timed hunt on 146.565 MHz. The first team to find the transmitter wins the top prize. At least one team member must be registered for the convention to be eligible for prizes. These official teams must check in with the Fullerton Radio Club representative in the parking lot before the hunt starts. Unofficial teams are welcome but will not be under consideration for prizes. There will be talk-in on 146.565 MHz for last minute confirmation of the exact start point.

Then on Sunday 9/13, there will be an all-on-foot two-meter transmitter hunting session at Angel's Gate Park in San Pedro, co-sponsored by the Fort MacArthur Military Museum. A ham radio license is

not required and there is no age limit. You can hunt as an individual or in a team of two. Only one set of RDF equipment is allowed per team.

This on-foot hunt is intended to be a suitable challenge to both beginner and experienced transmitter hunters. There will be prizes for the best hunters, but only convention badge holders are eligible to win them. Bring your receivers, scanners, directional antennas, attenuators, and other equipment suitable for on-foot RDF. If you don't have RDF equipment, plan to attend the workshop for building two-meter measuring-tape yagis and offset attenuators that will take place just before the Sunday transmitter hunt.

For more information on both hunts, visit the Fullerton Radio Club table during exhibit hours Friday or Saturday. For information about how to do transmitter hunting and direction finding, visit www.homingin.com.

73,
Joe Moell K0OV

FRC Regular Club Meeting

Third Wednesday of each month
Chapman Activity Center
2515 San Carlos Dr.
Fullerton, CA
Next Regular Meeting
Wednesday,
September 16, 2015
Dinner before the meeting at 5:00 PM at:
Coco's Restaurant, 1011 N. Harbor Blvd.
Fullerton
Meeting time: 7:00 PM
Visitors are welcome

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
October 7, 2015
QSO and dinner; 7:00 PM
Meeting: 7:30 PM