



Smoke Signals

Newsletter of the Fullerton Radio Club

May 2006

FULLERTON RADIO CLUB NET; Each Tuesday, 8:00 PM; 147.975 (-) PL 114.8

Club Meeting

Wednesday, May 17, 2006

Fullerton Senior Center

340 W. Commonwealth Ave.

Fullerton

QSO Time: 7:00 PM

Meeting: 7:30 PM

President's Column

This is a busy time for FRC with several community service and other club activities going on all within a relatively short few days. As you will see in Gene Thorpe's remarks on page 2, we had 11 club members as active participants in the annual DonateLife Run/Walk event at Cal State, Fullerton on April 29.

Then the Railroad Days event kept us out of mischief with set-up on Friday evening, plus attending the booth on Saturday and Sunday. Our thanks to the helpers: Gene & Cheryl Thorpe, Phil Goodman, Manuel Borges, Gary Miller, April Moell, Otis McCoy and Paul Broden. The set-up process was, as usual, a challenge with the imposed City Fire Inspection rule that our canopy could not be used because it is not labeled as "fire retardant" material. Last minute rental of a canopy kept us out of the sun. At least it didn't rain on us.

We had VHF/UHF and HF (15 & 20 meters) stations on the air, with very limited contact success. However, we did have improved success with 52 guests signing our visitor log. Forty-four of the guests are Hams, all but 11 listing addresses in north Orange County or near by in LA County. I'll be sending this issue of **Smoke Signals** to those who provided e-mail or snail-mail addresses, as an invitation to attend our meetings and other club activities.

If you open your e-mail on a regular basis you should receive this issue of "Smoke" prior to the upcoming Antennas-In-The-Park event, planned for Saturday, May 13, at Tri-City Park, in Placentia. Some of us will be arriving early to reserve a space and begin the set-up (come at 8:00AM and help if you can), but most of the activities won't start until about 10:00. Be sure to bring your own BBQ meat, drinks (**NO ALCOHOL!**) and what ever else you would like to share. Don't forget to bring

cups, plates, etc., or you will be eating with your fingers. We will provide the charcoal.

You will note from the Board minutes that we have historical Club memorabilia (i.e., trophies, old equipment, past issues of **Smoke Signals**, etc.) for which we must make decisions related to continued storage location, or even whether the "stuff" is worthy of keeping. We will be asking for members' input prior to decisions related to disposition. Additionally, there is about 200 pounds (we've not measured in feet) of coax if anyone has a use for it. Bill has checked the coax and finds it to be in good condition. It's free to club members – paid membership is required!

Speaking of paid membership, many of you have not renewed your Club membership. We need everyone to be active in events and maintenance of dues if the Club is to continue. A membership renewal / application form is attached to this issue of **Smoke Signals** for your use, or for you to present to another prospective member.

Thanks for listening; 73 for now
Paul Broden
President

May Club Program

1. Larry Mc David will demonstrate how to prepare "reliable" crimped Anderson connectors. Larry is truly an expert on **Really Reliable Crimping Technology** that is more reliable than when soldered. We'll surely learn much!
2. Gary Miller will tell about some PSK-31 experiences.
3. Gene will bring a DVD of the 2005 B2V-event that was shown in the summer '05 at the ARRL Riverside event Phil Pacier, AD6NH who, in April '05 was our club program presenter, will attend and add color to the program (he's been active in the Baker-to-Las Vegas event).

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

President

Paul Broden; K6MHD
Phone: (714) 871-9478
E-mail: pbroden@sbcglobal.net

Vice President

Bill Kohlenberger, W6ZJE
Phone: (714) 525-2109
E-mail: cw4w6zje@pacbell.net

Secretary

Gary Miller; KA6GPC
Phone: (714) 529-2893
E-mail: KA6GPC@aol.com

Treasurer & Membership

Manuel Borges; AE6SG
Phone: (714) 871-4947
E-mail: ae6sg@yahoo.com

Public Service

Gene Thorpe, KB6CMO
Phone: (714) 680-4258
E-mail: kb6cmo@ARRL.net

HDSCS

April Moell, WA6OPS
Phone: (714) 879-6895
Emergency Coordinator, HDSCS
E-mail: emcom4hosp@aol.com
www.hdscs.org

T-Hunt

Joe Moell, K0OV
http://www.homingin.com
E-mail: homingin@aol.com

OCCARO Representative

Larry McDavid, W6FUB
Phone: (714) 630-5672
E-mail:
Lmcdavid@Lmceng.com

Trustee & VE Testing

Bob Reitzel, KD6DA
Phone: (562) 691-1514
E-mail: breitzel@juno.com
Packet: KD6DA@WB6YHM-2

Directors

Karen Goodman, KG6USN
Phone: (562) 693-5404
(Immediate Past President)

Cheryl Thorpe, KE6TZU
Phone: (714) 680-4258

Gene Thorpe, KB6CMO
Phone: (714) 680-4258

Tom Curlee, WB6UZZ
Phone: (714) 871-0337

Newsletter Editor

Paul Broden, K6MHD
Phone: (714) 871-9478
E-mail: pbroden@sbcglobal.net

DonateLIFE 2006

Thank You to ALL who worked the DonateLIFE 5K/1K FunRun/Walk event on Saturday 29 April 2006. We had 17 Amateur Radio Operators assisting with this event and 2800+ participants, plus close to 400 Volunteers and Staff. Of the 17 ARO's, 11 were members of FRC. The FRC members present were: Dave Curlee, KE6IPY; Gary Miller, KA6GPC; Cheryl Thorpe, KE6TZU; Rick Carpenter, W6SRD; Phil Pacier, AD6NH; Paul Broden, K6MHD; Manuel Borges, AE6SG; Tom Curlee, WB6UZZ; Bill Kohlenberger, W6ZJE; John Southerland, WA6FJC; and Gene Thorpe, KB6CMO. Other participating ARO's were Diana (KB6CUR) & Ted (KB6CUS) Moody, Daniel (KF6SLP) & Joe (N6OXG) Brown, Chuck Pacier, KG6AIJ, and Dino Darling, K6RIX. Like any other event, things happen and we had 4 injuries. But we handled things with care in a timely matter with CSUF PD, FFD Paramedics and CARE Ambulance all involved.

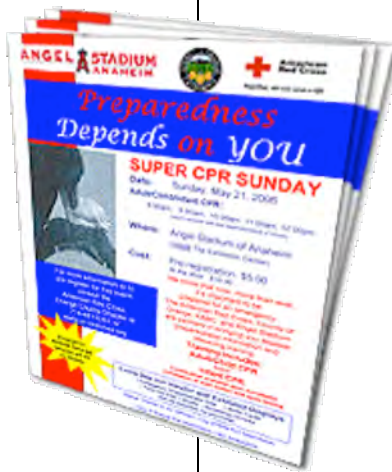
A Special Thanks to ALL from the DanateLIFE Staff and Kathleen Hostert, the Event Director. CU again on Saturday 28 April 2007. Save this Date.

Gene Thorpe, KB6CMO
FRC Public Service Coordinator

Armed Forces Amateur/Military Crossband Communications

Armed Forces Amateur/Military Crossband Communications Test -- the Army, Air Force, Navy, Marine Corps, and Coast Guard are co-sponsoring the annual military/Amateur Radio communications tests in celebration of the 55th Anniversary of Armed Forces Day (AFD). The test is conducted one week earlier than Armed Forces Day (May 21) to avoid conflicting with the Dayton Hamvention.

For complete information, including call signs and frequency lists:
<http://www.netcom.army.mil/mars/news/>



Super CPR Sunday

When: Sunday, May 21, 2006
Time: 8am – 12pm
Where: Angel Stadium
2000 Gene Autry Way
Anaheim, CA 92806

The American Red Cross, County of Orange, and Angel Stadium have partnered up to bring the people of Orange County a fun and exciting day of CPR. The day is going to include Adult/Child and/or Infant CPR (certification available upon successful completion of both written and skills testing). Everyone is invited to partake in this day for a fee of just \$5 (\$10 at the door).

Board Minutes May 3, 2006

Meeting began at 7:46 P.M. at Marie Callender's in Placentia. Members present for Fullerton Radio Club board meeting: - President Paul Broden, Vice President Bill Kohlenberger, Secretary Gary Miller, Treasurer Manuel Borges, Board Members Gene Thorpe, Cheryl Thorpe. Tom Curlee, and OCCARO Representative Larry McDavid.

Speakers/ Topic for May: Show-&-Tell: Larry Mc David, Gary Miller and Gene Thorpe. Really Reliable Crimping Technology; PSK31 experiences on 10 and 20 meters; and an ARRL DVD presentation.

Railroad Days: May 6 and 7. Volunteers needed for setting up Friday evening and for manning the booth both Saturday and Sunday.

Antennas in the Park; May 13 at Tri-City Park. We will be needing help setting up before 10AM. The park is located on Kraemer south of Imperial, in Placentia. Look for the Radio banner.

Field Day. The Scout house in Fullerton is a possibility as is the lower area of Hillcrest Park between Harbor and Brea Blvd.

DonateLife: Gene reports that the organizers were very pleased with the hams that helped with the event.

Old club Smoke Signals: Bill is wondering what to do with boxes of old issues of our newsletter. In addition there are some trophies and quite a lot of good coax. Any ideas?

Orange County Fair: Theme for the OCCARO booth this year is "Ham Radio is Blooming". A Poster is needed from the club before the next OCCARO meeting. Raffle -- drawing this month

Meeting ended at 8:42 p.m.

Gary Miller, ka6gpc
Secretary Fullerton Radio Club

T-Hunt Report April 15, 2006

Richard Clark N6UZS hid the April transmitter in Serrano Park, close to Serrano Road and Apache Creek in the Orange hills. His transmitter put out 2.5 watts into a 4-element Yellowjacket Quad that was aimed east towards Pleasants Peak and Sierra Peak, hoping for a signal bounce.

According to Richard, "Monte Variakojis KE6GQO arrived early at the start point to help me test my signal back to there. I was elated to learn that he was getting anywhere from 75 to 110 degrees bearing, which made it appear that I was up in Chino Hills State Park or the eastern flank of Anaheim Hills. Later, it was interesting to watch Jason McLaughlin KD6ICZ on the Edison power line road just 500 feet above us, attempting to drive in. He found no access but lots of slippery and thick mud, based on what we saw on his truck when finally arrived."

| Calls | Miles |
|--------------|--------------|
| KE6GQO/KK6KK | 10.9 |
| N6AIN/WA6PYE | 13.0 |
| KD6ICZ | 19.7 |
| N6ZHZ/KD6CYG | 23.5 |
| W6DFW | Did not find |

73,
Joe Moell K0OV

[From ARRL Web Site] FCC WRC-03 Amateur Rule Changes Now in Effect

NEWINGTON, CT, May 3, 2006-- Several FCC Part 97 Amateur Radio rule revisions to implement changes agreed to at the international level during World Radiocommunication Conference 2003 (WRC-03) now are in effect. The FCC [Order](#), released in January, affects §97.111, Authorized transmissions; §97.113, Prohibited transmissions; §97.115, Third party communications, and §97.117, International communications. The *Federal Register* published the changes May 3. The FCC has yet to deal with the so-called "Morse code proceeding," [WT Docket 05-235](#),

which also stemmed from decisions made at WRC-03. The Commission has proposed deleting the Element 1 5 WPM code test as a requirement to obtain any Amateur Radio license.

"These amendments will ensure that the Commission's Amateur Radio Service rules conform to Article 25 of the international *Radio Regulations* adopted at the 2003 World Radiocommunication Conference, and will further the Commission's ongoing efforts to streamline its Amateur Service Rules," the FCC *Order* said. "The overall effect of this action is to update the Part 97 Amateur Radio Service rules in the *Code of Federal Regulations* to conform to now-effective international agreements."

The FCC *Order* revises:

•
§ 97.111(a)(1) to permit "transmissions necessary to exchange messages with other stations in the Amateur Service, except those in any country whose administration has notified the ITU that it objects to such communications. The FCC will issue public notices of current arrangements for international communications." The old language permitted communication among amateur stations in different countries "except those in any country whose administration has given notice that it objects to such communications."

The FCC said the change does not prejudice its consideration of comments to rule changes it's proposed to §97.111(a)(2) in WT Docket 04-140--the so-called "Omnibus" proceeding that covers a wide range of rule changes and proposals. The Commission has proposed amending that rule section to clarify that amateur stations may at all times and on all authorized channels transmit communications necessary to meet essential needs and to facilitate relief actions.

- **§97.115(a)(2)** to facilitate the transmission of international communications on behalf of third parties in emergency or disaster-relief situations, whether or not a third-party agreement is in place between the US and the countries involved. The revision now permits communication with any non-US station "when transmitting emergency or disaster relief communications" as well as with any non-US station "whose administration has made arrangements with the United States to allow amateur stations to be used for transmitting international communications on behalf of third parties."

The revised rule further provides that no station may transmit third-party traffic *other than* emergency or disaster relief communications to a station whose government has not made a third-party arrangement. Still excepted from the prohibition is any third party eligible to be the control operator of an amateur station.

- **§97.113(a)(4)** to prohibit amateur stations exchanging messages with amateur stations in other countries from making transmissions that are encoded for the purpose of obscuring their meaning, except for control signals exchanged between Earth command stations and space stations in the Amateur-Satellite service, something Part 97 already provides for. The old rule referred to the use of "codes and ciphers."

The same rule also already prohibits transmitting music, communications intended to facilitate a criminal act,

obscene or indecent words or language and false or deceptive messages, signals or identification.

- **§97.117** to state that amateur stations may transmit communications incidental to the purposes of the Amateur Service and to remarks of a personal character.

The FCC also revised §97.3 and 97.309 to update the definition of International Morse code and of various digital codes in the amateur rules to reflect changes in the *Radio Regulations*.

According to the FCC, the *WRC-03 Final Acts* revised the international regulations that apply to the Amateur and the Amateur Satellite services and became effective July 5, 2003. The Part 97 revisions that become effective this week now bring the FCC's Amateur Service rules into conformance with the international *Radio Regulations*.

House Committee Okays Telecoms Bill with BPL-Interference Study Amendment
(Apr 27, 2006 [REVISED May 5, 2006 11:13 ET]) –

The US House Energy and Commerce Committee's version of the Communications Opportunity, Promotion and Enhancement (COPE) Act of 2006 includes an amendment requiring the FCC to study the interference potential of BPL systems. After spending two days marking up (the Ross amendment is No 25) the measure, the panel voted April 26 to send the much-talked-about "telecoms rewrite"

bill to the full House for its consideration. "Outstanding news!" was the reaction of ARRL CEO David Sumner, K1ZZ.

FIELD DAY

(June 24 – 25, 2006)

Field Day will be upon us sooner than we can believe. We will be operating at a new location this year due to construction on the hill at Hillcrest Park. No traffic is permitted within the main portion of the park, therefore we've looked for an alternate location that is easy to get to, and has ample opportunity for public access for us to demonstrate amateur radio communication. Gene has worked with the City of Fullerton so that we can now use the lower portion of Hillcrest Park on the Brea Boulevard side of the park. Turn onto Brea Boulevard from Harbor Boulevard and you will find this portion of the park immediately on your right. For those of you who have been around Fullerton for some time, this is where the old duck pond was located.

We will be setting up early Saturday morning, with intent to begin operation as soon as all the equipment has been checked out. Typically we begin operation at about 10:00 AM, and continue for 24 hours.

Your assistance in both set-up and operation will be appreciated. We will have a signup list at the May Club meeting for identification of times that you can be present. Please come and share the event even if you only have a short time available.



2006 FULLERTON FIRE DEPARTMENT COMMUNITY EMERGENCY RESPONSE TEAM (CERT) TRAINING

Date/Time: Three 8 hour sessions, starting July 8th, 15th, and 22nd, from 8am-4pm.

Location: Fullerton City Maintenance Yard, 1580 W. Commonwealth Ave.

Cost: \$40/ per person, includes lunch for each session.

Pre-registration is required.

To register please contact the CERT Program Coordinator Fernando Villicana at 714-501-9536, or send an email to CRV@fullertonfire.org.

Frequently asked questions:

Q. What is CERT?

A. The Community Emergency Response Team (CERT) Program educates people about disaster preparedness for hazards that may impact their area and trains them in basic disaster response skills, such as fire safety, light search and rescue, team organization, and disaster medical operations. Using the training learned in the classroom and during exercises, CERT members can assist others in their neighborhood or workplace following an event when professional responders are not immediately available to help. CERT members also are encouraged to support emergency response agencies by taking a more active role in emergency preparedness projects in their community. There is a CERT overview paper located at <http://training.fema.gov/EMIWeb/CERT/overview.asp> that gives you a complete description of CERT.

Q. How does CERT benefit the community?

A. People who go through CERT training have a better understanding of the potential threats to their home, workplace and community and can take the right steps to lessen the effects of these hazards on themselves, their homes or workplace. If a disaster happens that overwhelms local response capability, CERT members can apply the training learned in the classroom and during exercises to give critical support to their family, loved ones, neighbors or associates in their immediate area until help arrives. When help does arrive, CERTs provide useful information to responders and support their efforts, as directed, at the disaster site. CERT members can also assist with non-emergency projects that improve the safety of the community. CERTs have been used to distribute and/or install smoke alarms, replace smoke alarm batteries in the home of elderly, distribute disaster education material, provide services at special events, such as parades, sporting events, concerts and more.

Q. Who can take the training?

A. Natural for the training are neighborhood watch, community organizations, communities of faith, school staff, workplace employees, scouting organization and other groups that come together regularly for a common purpose. CERT skills are useful in disaster and everyday life events.

For further information please contact the Fullerton Fire Department CRV (Community Response Volunteers) office at (714) 773-1316, or email CRV@fullertonfire.org.

Monthly Board Meeting
 Open to all Members
 Marie Callender's Restaurant
 126 Yorba Linda Blvd.
 Placentia
Next Board Meeting: June 7, 2006
 Talk and Dinner: 7:00 PM
 Meeting: 7:30 PM

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

Fullerton Radio Club Web Site
<http://www.FullertonRadioClub.org>

VE Sessions
 For Information Contact
Bob Reitzel, KD6DA
 (562) 691-1514
 Next VE Exams: **June 10, 2006**
***Please call one week in advance to
 reserve a place***

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Janet Margelli
 Manager
 KL7MF

933 N. Euclid Street
 Anaheim, CA 92801
 714-533-7373, 1-800-854-6046
 Fax 714-533-9485

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**FULLERTON RADIO CLUB
 MEMBERSHIP RENEWAL / APPLICATION
 P.O. BOX 545, FULLERTON, CA 92836**

[Please Print] **Name #1;** _____ **Call:** _____ **Class:** _____

Address: _____ **City:** _____ **State:** _____ **Zip:** _____

Phone: _____ **Fax:** _____ **E-mail:** _____ **ARRL Member** Yes No

Name #2; _____ **Call:** _____ **Class:** _____

Address: _____ **City:** _____ **State:** _____ **Zip:** _____

Phone: _____ **Fax:** _____ **E-mail:** _____ **ARRL Member** Yes No

Dues are \$20 per member, or \$25 per family, Student (Full-time) \$10.00

Bring your dues payment to the next meeting or mail to the above PO Box.