



Smoke Signals

Newsletter of the Fullerton Radio Club

October 2006

VICE PRESIDENT'S CORNER

Where Are We In Fullerton Radio Club Going?

By: Bill Kohlenberger, W6ZJE

From 1950 to 2006 we in Fullerton Radio Club have been volunteers during the greatest period of historic changes since the last meteor/asteroid entered the Gulf of Mexico. It likely extinguished the threat of Dinosaur predators today.

While we have survived the cold war, Mt St. Helen's, Apple Computers and TRS80's, the jury's still out on Cell phones, cooking brains, Internet spam and un-social I-Pods. Successful extinctions are historically spaced out enough that there could be some in the works now. But we bet on survival and resurgence because it is superior.

An interesting example; My brother told me after his recent move to Prescott AZ that he found a newer "Yavapai Amateur Radio Club", established in 1991 by seeing their publicity in the Prescott news paper. They're looking for new members, no surprise there. But there's more, they even have a webmaster; we don't anymore. (see...<http://www.w7yrc.org/history.htm>...) Who will our new webmaster volunteer be?

The YARC Web site's historian tells about an earlier Prescott Amateur Radio Association, having started sometime in 1974 with forty members. PARA did many public service projects in the city 'till 1983, then disappeared. I wonder about what important factors affect the rise and fall of such ham radio organizations. Incidentally, they run an IRLP node with a 70 cm repeater. We don't.

Early 1980's O.C. operating activity on all bands was noticeably greater compared to today's levels. FRC's activities reported in Smoke Signals during the same time were even similar to today's. In 2006 FRC. largely due to Gene, KB6CMO's, strenuous efforts, organized community support to such activities as the Feb.- Tennis Competition, April-"Donate Life", May-Antennas in The Park, and Railroad days, June Field day, July-OCCARO support at the OC Fair, and September- Airport Days. Gene had sporadic help organizing, but when the horses finally ran, barely enough people did actually support.

So it doesn't look as if FRC is close extinction does it? Hold on! Big hearted Gene "KB6CMO" was struggling so hard that he now carries three cardiac Stents from two cardiac stress events that hit during the organizing period this year alone. We are blessed he was knowledgeable and alert about his symptoms that he got help in time to avoid his key being silent. And he's not the only one showing signs of wear & tear. Look Around! By the way, Gene is the best justification for our October Program topic.

Paul, K6MHD serves both as our club President and as Editor of "Smoke" while still being not retired. Today, FRC has a few marvelously dedicated people doing large club events with a modest membership support. Up through the 90's FRC events were in the past supported by many more than today.

Of Fullerton's 780 licensed hams about 1% come to meetings. Until Y2002 FRC had a regular weekly net on two meters yet the latest attempt to restart one on our Fullerton

WD6DPY 147.975 repeater to say the least has not gone from spark to flame. No one else but me checked in last Tuesday.

You can find more FRC members on the So. CA Ten-Ten daytime 28.8 MHZ daily net than you can hear on Two meters. Do we see a move of interest from VHF to the low bands again?

Here're my V. P. of programs questions. In the light of today's differences with the past, are monthly programs being found to entertain at FRC meetings addressing real needs of FRC members? Should programs be less technical and more about sharing operating methods or more technical and science oriented? What's a good mix? Should we offer license class training? Where do new hams learn the ropes?

Who needs technical programs unless there is interest in construction and experimentation? Should we continue to represent emergency operating capabilities of FRC as a viable auxiliary communications resource for Fullerton or Orange County when a next mass casualty event occurs? What should be our roll after the "Big-One"? Should we help CERT program people get into ham radio?

Certainly the HDSCS regularly and uniquely offers true no-cost Communications support to local hospitals. Yet all those in that critical, valuable activity are not getting younger. I think April, WA6OPS, is still not turning down usable volunteers because there are too many.

So, I propose that at least one answer to "Where are we going" has to include our club setting a goal to develop the means for helping more, newer people discover how much fun and value comes from operating as a licensed radio Amateur. That's clearly needed to offset extinction.

Right now we must face up to the fact that new FRC officers have to be nominated by October, elected in November for December hand-over and installation. Remember also, term limits for your officers need to be exercised to promote freshness, not just to avoid burnout.

We all need to rethink how we can help FRC successfully sustain our long productive history and steer clear of extinction. The FRC board is hungry for suggestions.

Thanks for your reading this appeal for support but please be vocal about how we can better do FRC business to promote growth. Please be critical!

73, Bill Kohlenberger
Vice President

Thanks to all who helped find those interesting programs

FRC October Meeting
Wednesday, October 18, 2006
Fullerton Senior Center
QSO 7:00 PM – Meeting 7:30 PM
340 W. Commonwealth Ave.
Fullerton, CA

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

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La Palma Days Parade & Band Review

La Palma R.A.C.E.S. is requesting communications support for the upcoming La Palma Days Parade and Band Review, which will be held on Saturday, November 11th. Support should not be required beyond 12:00 PM. A pre-parade coordination meeting will be held on Thursday, November 9th at 6:00 PM so that people don't have to get up so early on the day of the parade.

Lots of suggestions have been incorporated to help make this the smoothest running parade to date. Your participation is greatly appreciated.

Please contact Larry Tichauer (KE6AKE) by phone: 714-321-5897 or e-mail: ltichauer@sbcglobal.net to reserve your spot. Please contact Larry as soon as you are able to commit because he needs to coordinate support with the city.

FRC T-Hunt Report

The Fullerton Radio Club hunt of September 16 brought out a good turnout, perhaps because nobody had found us last month and we "might" be in the same location.

Our signal was weaker at the starting point this time, but it brought everyone to the same general area as last month. The micropower T was a few feet from Sandra Drive in Yorba Linda, near a fire hydrant in the front yard of a home. The beam antenna was over 400 feet away, down a slope and aimed toward the start point across the Yorba Linda Lakebed. It's a catch basin during winter rains but mostly dry at this time of year, with a trail network behind the houses where our beam was.

Signal was strongest on the west side of the lake, of course, but there was no access there. Almost everyone drove down Sandra Drive to the end, stopped to get bearings, decided there wasn't enough signal, and drove away. Everyone except the N6AIN team, that is, who arrived first, found the T with its little red LED shining, and was writing down mileage when neighbors accosted them, told them it was a private street (no such signage anywhere) and to get out because they were calling police. Deryl and company did so in a hurry, taking the sign-in sheet with them.

We didn't put the neighbors up to this (honest!), but when our host explained everything to them later, they claimed that the hunters were in their driveway and that they never threatened to call the cops. I replaced the sign-in sheet and fortunately no other hunters encountered them.

The KE6GQO/KK6KK team walked through the lakebed to the antenna from a distant bridle trail entrance, then followed the coax back to us. N6ZHZ parked near the T and walked through a neighbor's yard out to the antenna and back, apparently never seeing the coax.

N6ZHZ, WB6JPI and KD6ICZ parked at the end of the street for what seemed like an eternity, talking over the situation, until finally Jason walked over to find the T, and us.

Deryl was the clear winner, but he thinks we should add his last month's 23 miles to this month's mileage. However, that assumes we were in the same place both times! Were we?

Results

<u>Team</u>	<u>Miles</u>
N6AIN/WA6PYE/KC6ZMY/WA6WGJ	7.1
KE6GQO/KK6KK	10.7
N6ZHZ	72.8
KD6ICZ	Unofficial, started at 2230
KF6GQ	Chose to not sign in, had 15.1 miles
WB6JPI	Chose to not sign in, had over 70 miles

Credit my hunt partner Jack Hafner KO6IC for suggesting this interesting location. Also thanks to Susan KD6YMH, April WA6OPS, and all the hunters for making it a great evening of no-complaints fun.

73,
Joe Moell K0OV

Thanks from FMA Staff

"Fullerton Airport Day" on September 16, 2006 was a great success. Although there were no plane rides, many people came out to view the static displays of small planes & old cars as well as the vehicles & planes used by various public safety organizations in the area. Some had a chance to fly U-line model planes. Kids of all ages were able to sit in the pilot's seat of a plane or helicopter or fire truck.

This event used 12 Amateur Radio Operators, of which 5 were from FRC: Cheryl Thorpe KE6TZU; Paul Broden K6MHD; Manuel Borges AE6SG; Phil Pacier AD6NH; Gene Thorpe KB6CMO. From other clubs: Roman Kamienski KG6QMZ; Edward Aguilera KF6VJC; Mike Johnson AD6CC; Glen Shiery AF6Z; Chris Storey KA6WNN; Steve Sherman AA6IO; Jack Johnston KF6JCU. Although there were not a lot of radio messages, those messages that were passed made the event go more smoothly. We received many words of thanks from the people that we provided communications/other tasks for. A fun day was had by all.

OCCARO AUCTION

We would like to extend an invitation to our club auction on October 20th. Information regarding our meeting place and auction rules can be found on our club website at www.w6ze.org. If you are interested in selling some gear, buying some gear or just having some fun, come on over!

Thanks,
Kristin Dankert, K6PEQ
OCCARO Vice President

Board Minutes October 4, 2006

Meeting began at 7:42 P.M. at Marie Callender's in Placentia. Members present for Fullerton Radio Club board meeting: 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 Oct. Paul, K6HMB, on Defibrillators.

HAMCON 2007 Our club will be supporting the T-hunt again this coming year. A motion was passed that we send \$200 seed money for the event as soon as possible. The event will be in Torrance next year on Sept 7-9.

Club Bylaws The most current draft was submitted and passed for approval at the last club meeting. Copies can be obtained from any board member.

Club Web Page The club is still looking for a new webmaster.

Club Call W6ULI The club has appointed Gordon, WB6JVP our official representative to give out the 10 - 10 number for the club for one year.

Fullerton Airport Day Sept.16 Another successful event according to Gene.

Club Auction OCARC will be having an auction on Fri, Oct 20th. Check their web site at <http://www.w6ze.org/Events.html> for more info.

Nominations Nominations are still needed for all club positions. Contact a board member if you can help.

Generators Still for sale. Manuel will check prices on Ebay. Larry will alert OCCARO after receiving photos and specs.

Raffle -- none this month

Meeting ended at 8:40 p.m.

Gary Miller, ka6gpc
Secretary Fullerton Radio Club

Next ARDF in Huntington Beach November 4

Huntington Central Park will be the site of southern California's next international-style on-foot foxhunt on Saturday, November 4. This is a "Welcome Home" event for ARDF Team USA 2006 members, but it is free and open to everyone who wants to see and try the sport. Courses will be designed primarily for beginners and newcomers, not for experts. A ham radio license and knowledge of radio equipment is not required. Come out, try foxtailing for yourself, and meet some of the radio-athletes who represented California at the 2006 USA and World ARDF Championships in recent weeks.

The entire park is 350 acres, although some of it is unavailable for ARDF. It is relatively flat, but you'll encounter lots of vegetation (shade!) and plenty of trails. The two-meter course will be suitable for both beginners and advanced radio-orientees. Beginners may go out as individuals or in small groups. All ages are welcome, but young children should be accompanied by an adult.

Bring any 2-meter RDF "sniffing" gear you have. If you don't have any, just bring your HT or scanner. A limited number of RDF sets will be available for loan. Also be sure to bring anything you'll need while going after those radio foxes, such as munchies, bottled water and sunscreen. Course maps will be available, so bring your own compass, protractor and pencil. Make sure all batteries are fresh.

An optional 80-meter band transmitter (3542 KHz) will also be on the air for you to try. Be sure to bring your 80m gear, if you have it. Some 80m gear will also be available for loan.

Practice and beginner 2-meter transmitters will go on the air around 10:00 AM, and the main 5-fox hunt will begin at 10:30 AM. You can start hunting at any time up until 1:30 PM. There are picnic tables nearby, so you can bring your lunch. Courses close at 3:30 PM.

We will start from the parking lot at the north end of the park. The entrance is on the south side of Slater Avenue, east of Golden West Street intersection. (Map at www.homingin.com) There are no fees for entry or parking, but parking may be limited depending on other activities in the park that day. Look for the orange and white Orienteering flag and signs. Call K0OV or WA6OPS on 146.970 simplex if you have trouble finding the site.

73,
Joe Moell K0OV

SB QST ARL ARLB020

ARLB020 ARRL requests members' input on recent FCC "omnibus" Report and Order [See **Smoke Signals** page 4]

The ARRL is requesting member input concerning the FCC's Amateur Radio proceeding, WT Docket 04-140, released October 10. The Report and Order will not take effect until 30 days after publication in the Federal Register. This publication date is not yet known.

The complete text is available for viewing as a PDF file on the FCC Web site, http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-06-149A1.pdf. A summary is available on the ARRL Web site, <http://www.arrrl.org/news/stories/2006/10/11/100/>.

The ARRL is specifically seeking member guidance on how the changes will affect current operating activities on 80, 40 and 15 meters (see the current

ARRL band plans, <http://www.arrl.org/FandES/field/regulations/bandplan.html>, and an ARRL FAQ, <http://www.arrl.org/announce/regulatory/wt04-140/faq.html>, which includes a chart showing the band changes).

Comments may be submitted by e-mail to bandplan@www.arrl.org. All e-mails will be read and considered, but individual responses will not be possible due to the message volume expected. The deadline for comments is October 31.

ARLB019

FCC releases long-awaited "Omnibus" Amateur Radio > Report and Order

Ending a protracted waiting period, the FCC's Report and Order in the so-called "Omnibus" Amateur Radio proceeding, WT Docket 04-140, was adopted October 4 and released October 10, 2006. In it, the FCC adopted nearly all of the proposed changes in the Notice of Proposed Rulemaking released back in 2004. The FCC has:

- + expanded the phone subbands in the 75 and 40 meter bands;
- + permitted auxiliary stations to transmit on portions of the 2 meter band;
- + permitted the use of spread spectrum on 222-225 MHz;
- + permitted amateurs to retransmit communications from the International Space Station;
- + permitted amateur licensees to designate a specific Amateur Radio club to receive their call sign in memoriam;
- + prohibited an applicant from filing more than one application for a specific vanity call sign;
- + eliminated certain restrictions on equipment manufacturers;
- + permitted Amateur Radio stations in Alaska and surrounding waters more flexibility in providing emergency communications;
- + clarified that "amateur stations may, at all times and on all frequencies authorized to the control operator, make transmissions necessary to meet essential communication needs and to facilitate relief actions";
- + deleted the frequency bands and segments specified for RACES stations; and
- + deleted the requirement for public announcement of test locations and times.

In addition, the FCC took several other miscellaneous actions.

> In "refarming" the frequencies currently authorized to Novice and Technician Plus

licensees, the Commission increased the voice segments for General, Advanced and Amateur Extra licensees.

> On 75 meters, Generals will be able to use voice from 3800-4000 kHz, an increase of 50 kHz. Advanced class licensees will be able to use voice from 3700-4000, an increase of 75 kHz, and Amateur Extras will be able to use voice from 3600 to 4000 kHz, a generous increase of 150 kHz.

> On 40 meters, Advanced and Extra Class licensees will be able to use voice from 7125-7300 kHz, an increase of 25 kHz. General class licensees will be able to use voice on 7175-7300 kHz, an increase of 50 kHz.

> On 15 meters, General class operators will have phone privileges on 21275-21450 kHz, an increase of 25 kHz.

ARRL President Joel Harrison, W5ZN, expressed the ARRL's gratitude to the FCC Commissioners in a letter dated October 11: "On behalf of the ARRL and the Commission's licensees in the Amateur Radio Service I want to express appreciation for your release yesterday of the Report and Order in WT Docket 04-140 (FCC 06-149) amending Part 97 of the Commission's Rules. The Commission's action in clearing this pending proceeding will assist the Amateur Radio Service in meeting its objectives, particularly with regard to providing emergency and public service communications."

The changes will go into effect 30 days after the R&O is published in the Federal Register.

VE Session Report

Bob's Garage hosted eight applicants on Sat. the 14th of October. All were successful and the new Amateurs are in our mist.

Five are new Techs. Two are new Generals. One is a new Extra.

Bob wants to mention that one applicant had only two days until his N/C Tech license was to expire, he met the requirements for element one (code) and element three (general). That's what is called "coming in under the wire".

The next Exam session will be held on Dec 9, 2006, yes Bob is going work the VE's during the Christmas season.

Call Bob at (562) 691-1514 to pre-register at the December Exam one week prior to this date.

NOTICE:

Nominations from the floor will be accepted for Fullerton Radio Club officers and board members at the October meeting. In which office would you like to serve? Think about -- seriously!

Monthly Board Meeting

Open to all Members
Marie Callender's Restaurant
126 Yorba Linda Blvd.
Placentia

Next Board Meeting: Nov. 1, 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: **December 9, 2006**

*Please call one week in advance to
reserve a place*

QST to Fullerton Radio Club Members And All Other Interested

This notice is in advance of the regular October issue of "Smoke Signals" to arrive soon. This program is important enough and of general enough applicability that an early announcement was important.

QST QST, Fullerton Radio Club Announces

A PRESENTATION ON --- AED/CPR

Wed. October 18, 2006

Starting Time 7:30 PM,

At

The Fullerton Senior Multi-Service Center

340 West Commonwealth Avenue

Learn about this important development from a presentation made by a certified CPR/AED trainer. And who just happens to be a member of the **Fullerton Radio Club**. The **Fullerton Senior Multi Service Center** is where we regularly meet has recently acquired this important life saving equipment,

SAVE A LIFE WITH A PUBLIC ACCESS DEFIBRILLATOR PROGRAM.

Automated External Defibrillators (AED) and Cardiopulmonary Resuscitation (CPR): the Who, What, When, Why and Where questions.

The American Heart Association, Red Cross, and other health-conscious agencies are on an active campaign to promote AED and CPR availability through what are called Public Access Defibrillator (PAD) programs. These agencies urge all kinds of businesses and organizations to prepare themselves with training and availability of CPR and AED device in PAD programs as lifesaving tools.

Nearly everyone has heard of CPR and has seen the use of defibrillators on some sort of TV medical drama program, but the thought of performing CPR on someone or potential need for a defibrillator can be a fearful idea for most of us. We'd like to answer some typical questions to put you at ease with this subject, and let you know why AHA and Red Cross are so insistent that these programs have real benefit.

Some of these questions will be addressed at the Fullerton Radio Club monthly meeting, at 7:30 PM, Wednesday, October 18. FRC meets at the Fullerton Senior Multi-Service Center, 340 W. Commonwealth, Fullerton. The public is invited.

Questions you'll have answered

- What is an AED and how does it work? Does it really shock you? Is it dangerous? Can I hurt someone with it?
- What is the history of these devices, and what brought about their invention and use? How are they powered? How big are they?
- Is CPR the same as "mouth-to mouth resuscitation"? Is there risk of spreading disease with this kind of contact?
- Is training necessary to perform CPR and use an AED? Who can and should be trained?
- Where should AEDs be located: businesses, schools, churches, gymnasiums, etc.? How about the Fullerton Senior Center?
- What causes the need for CPR and AED use?
- What are high-risk areas that should be candidates for AED and CPR training?
- Why should public places and businesses need AED and CPR availability when the Fire Department and Paramedics are just down the street?
- How many people need to be treated with CPR and an AED each year?
- Do these processes really save lives? Is use of CPR and an AED all that is necessary to save these lives?
- Can I do this at home if needed?
- What are the liabilities that I face if I perform CPR and use an AED?
- How do we implement a PAD program in our group?

Be sure to invite others to join us for this IMPORTANT Program.

Available Emergency Generators For Sale



Classified Ads:

Fullerton Radio Club is offering 2 used gasoline-powered generators for sale.

- Craftsman 1800 watts \$75. OBO
2 – 120 V outlets
- Powermate PF52-4000, 4000 watts \$125. OBO
2 – 120 V & 2 – 220 V outlets

Both were rebuilt for field day 2005 and operated only twice since then. Neither have battery start, but started easily at the June 2006 field day activity. Offered in "as is" condition.

Shipping not provided. Must be picked up at storage site.
Contact any officer or board member for further information.

