



Smoke Signals

Newsletter of the Fullerton Radio Club

November 2005

From Your V. P. acting as President

November is the time required by our by laws Article VII to vote to select officers for 2006. Also this month, I want to review and recognize many members who should have thanks for this year's successful FRC activities.

2006 Officers Election:

By now you have likely received the urgent QST postcard requesting names for nominees. It is essential that nominees for all offices be named, seconded and voted on at the Nov. meeting in order that officers are installed at the annual Banquet December 16, 2005.

At the October meeting I announced that Manuel Borges, AE6SG, agreed to serve as Treasurer, to replace busy Phil Goodman. However, I needed to have asked for Manuel's name to be seconded at that meeting. It is called for in the by laws. Several days later I called Gary KA6GPC to ask if he was willing to continue as Secretary. Gary's willing. That leaves Pres. and V. P. to nominate.

At the Nov. Board meeting, we addressed the missed bylaw candidate selection requirement. It was decided that a special post card mailing request for officer candidates names be sent to the membership. When you get it, lease give V.P. and Pres. candidate names, needed most urgently at the November meeting in order to elect 2006 officers. They need to be installed in December. Please be sure to name your choice for candidates prior to the Nov. 16 meeting!

On things we're thankful for.

This year we had many interesting programs and also faced disruptions like the lock out at the Community Center in May that stopped Dino, K6RIX's KFI talk, and sent all us members back home. Thanks to Dino being generous enough to again try to speak, he successfully did enjoy the KFI talk in July.

Much gratitude is owed Pres. Karen Goodwin, KG6USN, and outgoing Treasurer Phil Goodwin, WA6HOO, for having given generously large measures of interest support and time. Remember, they gave us a new and creative club web site update/redesign as well as setup of the Ham radio survey, available on the Web site. It was done so that the club could better address interests and desires of members and prospective members.

Then in Sept., Karen found she needed to shed her Presidential role in order fulfill her goal to complete commercial airline Pilot training & certification. In addition, we need to credit especially, very busy, Phil for using his considerable video editing talent in converting and editing Jay Kobelin, W2IJ's Clipperton DXpedition video tape. This new program on DVD was created and presented for the first time at October's meeting. Thanks Phil for all that, plus your promotion of ham radio through Railroad Days, Antennas in the park, Field Day and bringing refreshments too.

Thanks is due also for the immense efforts given by Gene & Cheryl Thorpe, KB6CMO & KE6TZU the club's Public service coordinator. Their organizing effort in helping the CSUF "Gift Of Life" 10 K run, Fullerton tennis tournament, Field Day and much more are valuable gifts. Gene also has provided the storage site for club property, portable generators, Trophies etc. At the same time, Gene serves as Fullerton's RACES radio officer for civil emergencies and has begun work on startup of a new Citizen Emergency Response Team (CERT) program in Fullerton.

Credits are also due our FRC board of directors members, who help keep the clubs activities moving. All have been so helpful supporting Karen and me, particularly as I tried to pick up her duties.

Larry McDavid, W6FUB, deserves special thanks for twice giving programs that saved the program chairman's bacon, also representing FRC at OCCARO and coordinating the joint December banquet with Anaheim ARA.

Board director, Tom Curlee, whose frequency measuring program on short notice saved the day when other plans fell through.

We all owe thanks to Paul, K6MHD Smoke Signals Editor and to Gary K6GPC's Secretarial support keeping directors minutes.

Thanks also to the general membership and all those I failed to mention for their support and attendance.

Now, please consider joining the heavy lifters cited above. Consent to serve as President or Vice President in 2006. We still have much to accomplish with ham radio. Our team surely needs added help. 73

Bill Kohlenberger, W6ZJE
V.P. For Programs, 2005

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Board Minutes November 2, 2005

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 Phil Goodman, Board Members Cheryl Thorpe, Gene Thorpe, Tom Curlee, OCCARO Representative Larry McDavid, One Guest

Topic/Speakers for November; Restoring and Using Old Radios with Bill Feldmann, N6PY.

Club Officers Nominations; We have one nomination for Treasurer, Manuel Borges, and one for Secretary, Gary Miller. We need to have nominations for Pres. & VP. Elections need to take place prior to the December meeting.

Nominations; Post cards will be sent out to the membership requesting names of club members for club offices for next year. The club needs the support of all its members.

Speakers/ Topics for next year; Suggestions for speakers and topics are needed for next years meetings. Let a board member hear any ideas that would be of interest to you and the membership.

Bylaws Committee; The board voted to form a committee to see if the board should change any items in the club bylaws, especially dealing with the number of elected officers. Larry and Manuel volunteered and will report back at the next meeting.

Club Items; A location to store the two FRC emergency generators, the club trophy archive and a portable podium is being sought. Gene will not be able to store them anymore.

Club Net; There have been few check-ins on Tuesdays at 8:00 on 147.975. Should we consider an alternate FRC net perhaps on ten meters?

December Meeting; The menu for Friday, December 16 is on the club web site. The Anaheim Radio Association will be joining us again this year. Reservations and payment are needed by Dec 1.

Opportunity Drawing for November; 50/50. Buy your tickets at the door.

Meeting ended at 9:05 p.m.

Gary Miller, ka6gpc; Secretary Fullerton Radio Club

FRC T-HUNT 10/15/05

Mike Obermeier K6SNE put the FRC hidden transmitter for October in a small shopping center parking lot on La Palma Avenue just east of Yorba Linda Blvd. The transmitter's power was 300 milliwatts, horizontally polarized with a 4-element beam, pointed in the general direction of Mt. Baldy. How Mike managed to get the signal through the Chino Hills and bounced off Baldy will have to remain a closely guarded secret.

Results:

<u>Team Calls</u>	<u>Odo Miles</u>
WA6PYE/N6MJN	12.10
N6ZHZ	26.90
N6AIN/KG6RQQ	40.25
KD6ICZ	Unofficial
W6DWF/KG6ZOE	DNF

FRC Meeting Schedule of Events

Following is a list of Fullerton Radio Club meetings and events through mid 2006. Items in *italics* are 'history' and those in **bold type** are confirmed for club participation. Dates for the board and regular meetings are listed so you can place them on your schedules. We will be seeking topics and presenters for the club meetings starting with January, so if you can make a suitable presentation, or know someone who can, please contact one of the board members with the appropriate information.

Fullerton Radio Club Inc. 2005 - 06			
Board Meets, 1st Wednesdays Of The Month	Membership Meet, 3rd Wednesdays Of The Month	Scheduled Membership Meetings (Program Topics?)	Membership Programs & Activities
<i>Jun. 01, 2005</i>	<i>Jun. 15, 2005</i>	<i>Paul Russell, KD6COP, of OC Shemii TEMG (Terrorism Early Warning Group)</i>	<i>"Field Day", June 25-26,</i>
<i>Jul. 06, 2005</i>	<i>Jul. 20, 2005</i>	<i>Dena Darling, K6RLL Presents "KFI 640...Recent Events"</i>	<i>FRC Support OCCARO Booth @ Org. Co. Fair July 27,</i>
<i>Aug. 03, 2005</i>	Aug. 17, 2005	<i>Tom Cutfee W6BLZZ Presented "Frequencies, How Can We Know?"</i>	Consider 2006 Officer Candidates
<i>Sep. 07, 2005</i>	Sep. 21, 2005	<i>Larry McDavid, W6FUB Showed & Told about "An Historic Time Reporting System"</i>	
<i>Oct. 05, 2005</i>	Oct. 19, 2005	<i>Jay Kobelin, W2KI Presented "The Wild Clipperton Expedition Adventure"</i>	
<i>Nov. 02, 2005</i>	Nov. 16, 2005	Bill Feldman, N6PY Presents... "Treasures From Junk, Legacy Ham Radios Get New Life"	
Dec. 07, 2005	Dec. 16, 2005	Annual Christmas Banquet	At Marie Calendar's On Yorba Linda Blvd.
Jan. 04, 2006	Jan. 18, 2006	General Meeting... Program Topic Open, (?)	
Feb. 01, 2006	Feb. 15, 2006	General Meeting... Program Topic Open, (?)	Fullerton Tennis Tournament Mid Feb. ... Dates TBD
Mar. 01, 2006	Mar. 15, 2006	General Meeting... Program Topic Open, (?)	Baker-to-Vegas Race... April 1 & 2, 2006
Apr. 05, 2006	Apr. 19, 2006	General Meeting... Program Topic Open, (?)	Baker-to-Vegas Race... April 1 & 2, 2006 Donate LIFE 5K Run... April 29, 2006
May. 03, 2006	May. 17, 2006	General Meeting... Program Topic Open, (?)	Antenna's In The Park
Jun. 07, 2006	Jun. 21, 2006	General Meeting... Program Topic Open, (?)	World Wide Ham Radio Field Day
Please Note: Suggested program duration is 45 minutes. In addition, the speaker and a companion are invited to join us for a free Dinner at Fullerton's Carrows Restaurant, prior to the meeting at 6:00 PM.			
			Data Date 11/9/2005

November 16, 2005 Club Meeting Presentation

"Vintage Radios Restoration Testing Operation yields On-air Fun", our topic for the November Fullerton Radio Club Program is being offered by Bill Feldman, N6PY.

Bill showed up on 75 meters in 1969 joining the "Astronet". We became acquainted between lunar observation times with this very science oriented "Astronet" group. When Bill, a Mechanical Engineer by profession at Lockheed, found that Astronet members shared many of the same diverse technical interests, like building, experimenting and then discussing a wide range of subjects that Bill also enjoyed.

Bill comments, they were "a real interesting group of guys interested in lots of engineering scientific subjects. Besides fixing older radios we discussed, built and experimented with telescopes, QRP rigs, two meter quad antennas, HF radio-echoes from space, photography, camped out for star parties where we even studied earth quake faults along with riding and working on off and on road motorcycles."

In the late 1980's activity on the Astronet gradually declined but Bill, being a physically active hiker and mountain climber, continued an interest in radio equipment modification "for communications on mountain climbing expeditions". He further recalls that "I was unable to find a group as interesting as the old Astro Net since ham radio had changed to mostly equipment operators and there was very little interest anymore in building or modifying radios" (to be shared) "on the ham band".

[Continued on page 4]

[Vintage Radios, continued from page 3]

Then, Bill moved to Antelope Valley in 1993 he was able to put up new antennas, picked up "a complete Collins S line station for sale needing a little work" and become an active ham again. As Bill explains, "This Collins radio really opened up a new world by getting me back having fun working on radios and led to joining the Collins Collectors Association, CCA". He starting using SSB, but also rediscovered and began using AM again. There's much more, as we will hear.

When Bill got back into working AM radio, "I met one of the most interesting and best hams who has become a very close friend, Dennis DuVull, W7QHO, president and one of the founders of the Military Radio Collectors Group, MRCG. This led Bill to take on vintage Military gear restoration and modification. Having written a number of interesting vintage radio articles in "Electric Radio", a periodical you can find at HRO, he's become a recognized authority in this field.

Much thanks to Bill Feldman for his generously willingness to share with us his passion, experience and knowledge. This final 2005 program before the Christmas banquet will be a major highlight. Invite everyone you can think of, they'll thank you. Bill's presentation is not only about telling but also a real hardware showing. 73 & see you there. W6ZJE

VE Exams

Bob's Garage was open on Saturday October 8 with only one applicant attending. Element four was issued with an 86 percent pass rate. There was no up-grade to any license.

There will be a change in date for the next session held at Bob's Garage. The next session will be held on Saturday December 17, 2005. Note that this is on the third Saturday rather than the second Saturday.

Call Bob at (562) 691-1514 to pre-register of this session

Subject: Ham Radio class in Irvine

Bob Pestolesi of Irvine RACES advised that Irvine is planning to hold a Ham Radio Licensing class that will be taught by Gordon West. The class is being tentatively scheduled for the weekend of February 18, 2006. Gordon will only charge for the materials (\$50) for teaching City or County volunteers. He is happy to teach not only Irvine, but any potential RACES volunteers. Gordon will need a commitment of at least 40 people to do the class. Irvine probably can't get that number of people by themselves but if other RACES organizations publicize the class, the goal might be reached. Please contact Bob Pestolesi, KE6GYD at bpesto@cox.net if you have personnel interested in taking this class so they can confirm the date. Thank you!

Marten J. Miller

Orange County Sheriff-Coroner Department, Emergency Communications Coordinator

840 N. Eckhoff St., Suite 104, Orange, CA 92868

(714) 704-7917 marten.miller@ocgov.com

Next transmitter hunt at Bonelli Park 11/12/05

The last southern California on-foot transmitter hunting session of 2005 will be Saturday, November 12 at Bonelli Regional Park. If you are a beginner, there will be entry-level two-meter fox transmitters just for you, set by Joe Moell K0OV. For advanced radio-orientees, there will be a 5-fox two-meter course of about the same length as typical national championship courses, set by Marvin Johnston KE6HTS. An optional 80-meter fox transmitter will also be on the air.

Practice 2-meter transmitters will go on the air and registration will open at 9:30 AM. The beginner and advanced hunts will begin at 10:00 AM. You may start hunting at any time until 1:00 PM. There are picnic tables and BBQ grills nearby, so you can bring your lunch or cook up something if you wish. Courses close at 3:30 PM.

The beginner course and the 80-meter transmitter hunt will be free of charge. The advanced course will use electronic registration/scoring ("e-punch") so a \$5 per entry (individual or group) donation is requested to defray the cost of the full-color orienteering map and e-punch equipment on that course.

A ham radio license and knowledge of radio equipment are not required. Experts will be on hand to teach you the basic techniques of on-foot radio direction-finding (RDF). All ages are welcome, but young children must be accompanied by an adult at all times. Trails are primitive in some areas of the park, so wear sturdy shoes.

Bonelli Regional Park is near Raging Waters, Brackett Field, and Puddingstone Reservoir. From the 57/210 freeways, take the Via Verde exit and go east through the entrance to the park. There is a per-vehicle entry fee. Go approximately 1/4 mile beyond the entrance and turn left into the parking lot for the bike rental stand. Look for the orange-and-white orienteering flag directing you to the starting site. A map to the site is at www.homingin.com.

Bring any 2-meter RDF "sniffing" gear you have. If you don't have any, just bring your HT or scanner. Even if you don't have that, come out anyway. 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. Make sure all batteries are fresh. For map plotting, bring your own compass, protractor and pencil.

Joe Moell K0OV

ARRL ARDF Coordinator

Revised restrictions on 70 cm bear repeating (Nov 8, 2005) -- In 2004, a revised Footnote US7 in Part 2.106 of the *Code of Federal Regulations* went into effect, further expanding the **50 W maximum output power restriction in place for the 420-450 MHz band in the US Southwest**. (The applicable Part 97 Amateur Service rule is §97.303, which incorporates §2.106 by reference.) "In talking to people at hamfests and other Amateur Radio meetings, I've found that very few people are aware of this rule," says Bill Kauffman, W5YEJ, of the New Mexico Frequency Coordinating Committee. While the previous version of §2.106(a), essentially covered the White Sands Missile Range area of New Mexico, language effective as of January 2004 expanded it to include all of New Mexico and Texas lying west of 104° W. The 70 cm band is a shared allocation in the US, and federal government users are primary. Amateur Radio, as a secondary occupant, may not cause interference to primary government stations and must tolerate any interference from government stations. Kauffman explains that the FCC acted at the request of the National Telecommunications and Information Administration (NTIA) to protect sensitive receivers at various fixed and mobile locations on military bases. ***The 50 W restriction continues to apply to the entire State of Arizona as well as parts of several other states, including California***, Nevada, Massachusetts, Alaska, North Dakota, Alabama, Georgia and South Carolina. Exceptions to the power limit must be expressly authorized by the FCC after mutual agreement, on a case-by-case basis, between the FCC District Director in the applicable district and the Military Area Frequency Coordinator at the applicable military base.

[Taken from the ARRL web page]

Upcoming Public Service Events - 2006

Fullerton Jr. Tennis Tournament....sometime in middle February

Baker-to-Vegas Relay Race.....April 1 & 2, 2006

Donate LIFE 5K Run.....April 29, 2006

Please mark your calendars NOW for next year's events. THANKS, Gene Thorpe

Holiday Meeting – Friday, December 16

Remember the December holiday meeting is in Friday, December 16 at Marie Callendar's. The reservation form can be found on the club web page (www.fullertonradioclub.org). Bring the completed form to the November meeting or mail for receipt no later than December 1.

Concerns for the future of Amateur Radio

Here are some extracts from ARRL Letter, Vol. 24, No. 43, the latest bulletin. It reports, "The ARRL again has urged the FCC to provide meaningful operating privileges to entry-level Amateur Radio licensees, including access to HF, even if the Commission doesn't want to create a new license class." "...the League also stood by its stance that the Commission retain the 5 WPM Morse code requirement for Amateur Extra applicants, but do away with it for General applicants."

"The elimination of Morse telegraphy, absent a more thorough review of operating privileges in the Amateur Service, will not address the ascertained flaws in the only entry-level license class," the ARRL asserted, referring to the Technician license.

The time is right to take a look at the operating privileges of Amateur Radio license classes, the ARRL said in its filing, "because the entry-level license class is demonstrably neither attractive to newcomers nor encouraging in terms of retaining the interest of license holders."

To back up its assertions, the League pointed to surveys it conducted in 1992 and 2003. Nearly half of the licensees responding in the latter poll indicated that they were not currently active in Amateur Radio--up 30 percent from the earlier survey. "The number of inactive Technician class licensees is 46 percent," the ARRL noted, adding that more than a quarter of Technicians responding in 2003 said they'd never even been on the air."

Wow, how does this happen? We hope that restructuring approaches will be effective but, in my opinion, it is mostly up to us, today's active hams, to be more pro active in marketing our hobby as both fun and also essential for future emergencies. We need to find more ways to better stir interest and be inviting. For example, Phil WA6HOO is working to include interested Civil Air Patrol youth, personally promoting ham radio. Good job Phil! What more can we all do?

Club Meeting

Fullerton Senior Center
340 W. Commonwealth Ave.
Fullerton

QSO Time: 7:00 PM
Meeting: 7:30 PM

**Wednesday, November 16,
2005**

Monthly Board Meeting

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

Next Board Meeting: December 7, 2005

Talk and Dinner: 7:00 PM
Meeting: 7:30 PM

VE Sessions

For Information Contact

Bob Reitzel, KD6DA
(562) 691-1514

Or check the Fullerton Radio Club
Web Site:

<http://www.FullertonRadioClub.org>

Next VE Exam: **Dec. 17 2005**

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

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**Orange County Council of Amateur Radio
Organizations (OCCARO) Web Site**

<http://qsl.net.occaro/>

Fullerton Radio Club Web Sites

<http://www.FullertonRadioClub.org>
<http://ourworld.compuserve.com/homepages/KC6YHM>

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