



Smoke Signals

Newsletter of Fullerton Radio Club

November 2010

Prez Speaks

Our club year is drawing to a close and the November General Meeting is election time for next year's FRC officers. Your Nomination Committee has been working hard and has presented a slate of nominees for your vote. Nominations are also accepted from the floor at our November meeting (please make sure you ask a nominee before you publicly nominate them!). FRC is YOUR club and it is a great experience to both enjoy club activities and give something back as well. So, think about serving as an officer for 2011, come and vote at the November general meeting.

This year is the 100th anniversary of the Boy Scouts of America. The Orange County Council is celebrating the anniversary with a four-day encampment at the Prado Dam recreation area. Thousands of Scouts will participate in merit badge events and midway booth activities. One midway booth is dedicated for the radio merit badge, which is expected to be equipped with a ham radio. I depart for the event in a few hours, so I'll snap a few pictures and report about the radio activities at the general meeting. My son is participating in the radio merit badge, so he will have firsthand experience.

Our December meeting will be our Annual Holiday Dinner on Friday, December 17, 2010. Please locate the dinner RSVP form in this newsletter and bring your form/payment to the meeting or mail it to the club mailbox. Dinner will be held at Marie Callender's Restaurant on Yorba Linda Boulevard in Placentia. We will formally introduce the new club officers at this dinner, along with meeting with friends for food, drink, QSO, and The Raffle! It is necessary that you make your reservation and meal selection for dinner.

FRC members and Fullerton RACES will be assisting the La Palma RACES team for the La Palma Days Parade, held on Saturday November 13. It is a great opportunity to practice your radio skills and contribute to the event's success. If you have time in your schedule, please contact Gene KB6CMO right away.

Remember Show-and-Tell? If you have a Show-and-Tell item, please bring it to a general membership meeting.

Remember, this need not be a big presentation; just stand up and show what you've brought.

Dues are DUE! It's that time of year to fill out the application and send in your dues. You will find the application in this newsletter. You can save a stamp by bringing your application and dues to the November meeting.

Finally, please remember to join us for the pre-meeting dinner at Coco's Restaurant (Harbor and Berkeley). I look forward to seeing you at the meeting.

73's,
Robert (KI6KYW)

November FRC Meeting

Martin La Rocque, N6NTH, will be our special speaker at the Fullerton Radio Club November meeting. He has a program entitled "Navigation". Marty has been working a lot with autonomous vehicles, on his own, since he retired from an Inertial Engineering position with Rockwell International (as well as travelling a lot since). He spoke to FRC Jan. 2006 about his support to the DARPA Autonomous Vehicle competition, and will present further information about automated vehicle navigation.

**Location: Fullerton Senior Center
340 W. Commonwealth, Fullerton**

Date: Wednesday, November 17

Time: 7:00 PM Sharp

Visitors Welcome

2011 Officer Nominations

See Board Meeting Minutes, page 2

December Installation / Holiday Dinner

Reservations should be turned in at the November 17 meeting, or received by mail no later than December 1.

Fullerton Radio Club
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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.com

FRC Board Meeting Minutes

Vice President Albert Solomon KI6WRU called the Board meeting to order at 7:35 PM on Wednesday, November 3. Board and club members present included Treasurer Gene Thorpe KB6CMO, Secretary Paul Broden K6MHD, Board Members Alex Valdez K9BLK, Bill Kohlenberger W6ZJE, and club members Cheryl Thorpe KE6TZU and Bill Preston KZ3G.

Minutes from the October Board Meeting were approved as printed in Smoke Signals.

Treasurer's Report: Checking; \$1,541.76 – Savings; \$1,691.03

Membership Report: Several membership renewals for 2011 have been received, as have a few reservations for the holiday dinner. No change in total club membership numbers.

Events: The La Palma Days parade is Sunday, November 13 and additional ARO communicators are still needed. Contact Larry Tishaure at <ltichauer@sbcglobal.net> if you can help. Antennas in the Park will be held this coming Saturday (11/6/10) at Tri-City Park in Placentia. The Club holiday and officer installation banquet is scheduled for Friday, December 17. See the reservation form at the end of this newsletter.

OCCARO: No report due to the absence of our representative.

Old Business: The Board is still searching for candidates for all offices and Board Member at large. Below is a listing of candidates identified so far; however, additional nominations may be made from the floor during the November Club meeting, with permission of the nominee.

President	Albert Solomon KI6WRU
Vice President	Open
Secretary	Paul Broden K6MHD
Treasurer	Gene Thorpe KB6CMO
At-large Board Members	Larry McDavid W6FUB, Bill Kohlenberger W6ZJE, Bill Preston KZ3G, Robert Doidge KI6KIW
OCCARO Rep.	Robert Gimbel KG6WTQ

Bill Kohlenberger W6ZJE and Bill Preston KZ3G are developing plans for the next Ham license class; probably at the Technician level, with consideration of extension to General class. Dates and location are yet to be determined,

There was a brief discussion as to whether members would like to have shirts with the Club logo and member name and call. It was noted that many members would prefer a shirt with their own call. Type of shirt and cost is to be determined through inquiries by Albert Solomon and Paul Broden.

The Tuesday night Club Net has is currently non-functional, in part due to problems with the repeater. Consideration of a simplex frequency or alternate repeater use remains in discussion.

New Business: Field Day results are now published on the ARRL web site. FRC ranks 7th in the nation and only station in the ORG section for 2A Commercial [commercial power] classification with 1854 points. The HDSCS station ranked 1st for 2A for the ORG section with 3050 points out of a total of 472 2A stations. Field day 2010 had a total of 37,965 participants (not stations), with a total of 1,329,810 points, which is a decline from 2009.

The Board will be considering two suggestions for inclusion in Smoke Signals; one to include computer links that may be valuable to members; and the other to include classified ads.

The meeting adjourned at 8:23 PM

Submitted by Paul Broden K6MHD, Club Secretary

Solar Cycle 24? What's up?

An international Prediction Panel of scientists meeting Oct 2-6, 2006, collaborated to estimate expectations for the up coming 24th solar cycle. New predictive techniques developed after cycle 23 peaked in 1997 were used at the meeting. So, the plot of Cycle 23 spot count & radio output was published with two different follow-on model estimates for cycle 24. See Figure 1, or from NOAA/NASA on-line at <http://www.swpc.noaa.gov/SolarCycle/>.

By Sept. 2010, lower count and cooler flux data, is even below the lower model curve estimates. What's the sun doing? The spot count & radio output plots of recent data and estimate show the difference today.

While VHF/UHF bands rarely change, HF thru 6 meter-DXers are seeing a few band openings during this lower solar activity. Yet, during Saturday's Ants-ITP, Dick, WB6JDH had a number of QRP contacts on 15 meters. Still, Cy-24 seems slow to grow.

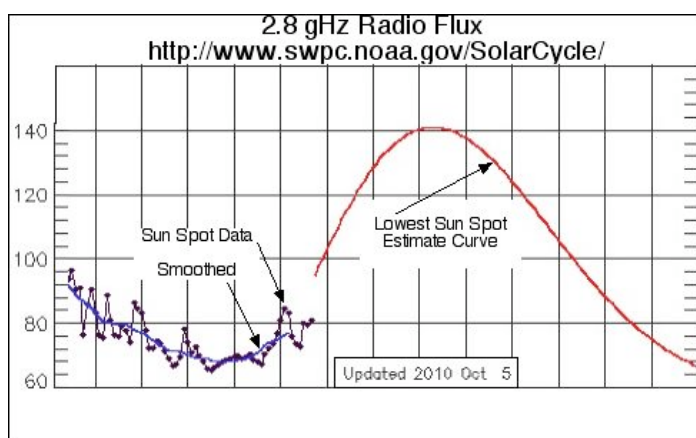
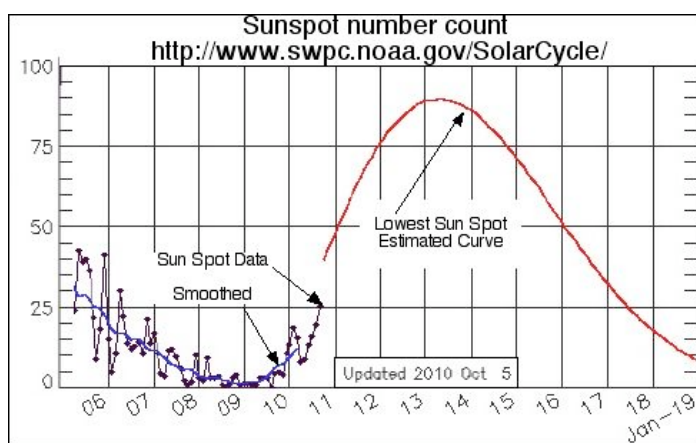
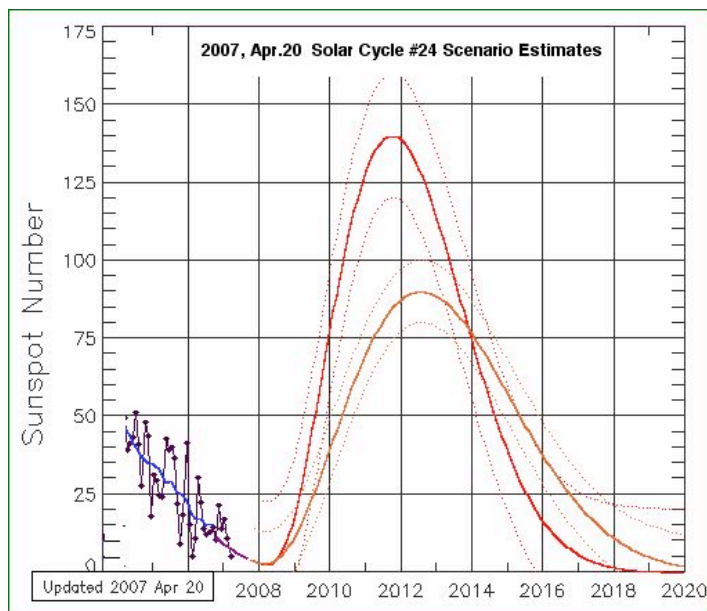
Beyond close ham radio interest, lower solar output affects on possible climate cooling is welcome but doesn't verify "global warming". For "SKYWARN" hams, "a news letter, ***Coast to Cactus Weather Examiner***", Vol 17 #4 in PDF, was E-mailed by the National Weather Service Office, San Diego.

www.wrh.noaa.gov/sgx/spotter/spotter.php.

The opening line-***"The summer of 2010 will go down in history as one of the coolest ever, not just in the minds of Southern Californians, but also in the official record"***.

Low Spot counts and little "Ice Ages" have happened in the past, but not for the last 100 years. We're learning faster and in more detail than ever before with the new Solar satellites. So, stay tuned, it's another interesting aspect for hams to watch. Get on HF and test the band conditions.

73...de W6ZJE



FRC T-Hunt Report, 10/16/2010

It was a drizzling evening as Richard Clark N6UZZ set up his transmitter in Fred Barrera Park in the hills of Orange, near the intersection of Avalon Kendra and Serrano Ave. He ran ten watts into a mag-mount whip stuck horizontally on a light pole. Dave Conklin KI6LYZ lost the signal shortly after leaving the starting point, but two other teams eventually found Richard.

Team	Elapsed
<u>Calls</u>	<u>Miles</u>
N6MJN	20.1
N6AIN/WA6PYE	21.1

Come out for the next hunt, which will be November 20, starting at 8 PM from Skyline and Acacia in Fullerton.

73,
Joe Moell K0OV

Successful ARDF at Tri-City Park

A record number of first-timers showed up at Tri-City Park on November 6 to learn about on-foot transmitter hunting. Marvin Johnston KE6HTS quickly ran out of antenna and attenuator kits, so those who hadn't reserved them in advance were probably out of luck. They came from Orange County, Diamond Bar and Hemet, plus at least seven from Moreno Valley.

Nearly everyone was able to use RDF gear to find all of the four practice transmitters that were on separate two-meter frequencies and were close to the gathering area. They were all pretty simple; I resisted the urge to put one on a goose or a RC sailboat.

Unfortunately, only Tom Gaccione WB2LRH and Monique Beringer KI6RVT were brave enough to try my sample international-rules ARDF course, with five transmitters

scattered throughout the park and the adjoining middle-school grounds. I thought it would be an easy course, but Tom and Monique were only able to find four of them and it took them almost two hours.

As always, the traditional Foxhunting Weekend cake, provided by April Moell WA6OPS, was a big hit.

Photos are at www.homingin.com

Thanks to Paul Broden K6MHD, Gene Thorpe KB6CMO and all of the other Fullerton Radio Club leaders and members for sponsoring Antennas-In-The-Park again this year.

Our next on-foot hunt in a southern California park will take place in early 2011. This will be an opportunity to take your ARDF proficiency to the next level. Perhaps there is a championship medal in your future!

73,
Joe Moell K0OV

[photos of AITP]



Let's see; do I solder this here?



10-10 net activity at AITP



I think they went that-a-way



April's Fox Hunt Cake

QST QST QST - TO ALL HAMS

Last month Smoke Signals published an article entitled "*Amateur Radio – mobile use*" referring to a New York judge who declared that amateur radio is not a cell phone, and use of mobile radios is not subject to traffic tickets as is the use of cell phones. Well, read on; the problem continues elsewhere. See the following article from ARRL Orange Section.

A local ham has received a ticket for NOT using a hands-free device while talking on his Amateur Radio. The officer really did not care to hear his story that this is not a cell phone.

Please take heed: DO NOT argue with the officer. Please DO NOT wave a paper in front of their face to prove that you are not using a wireless cell phone. The officer will stop you and it is already set in his/her mind that you will be receiving a ticket.

Some officers may understand, but you are using a push to talk device, which takes your hand off the wheel.

This is what was noted about the device he was using was on this hams ticket "Non-hands Free".

Do this: Instead, document the conversation, accept the ticket, and develop a case for the traffic court date.

Here is the California Code California vc 23123 is as follows: Interpretation is tough but maybe 23123(e) is our only hope.

V C Section 23123 Hand Held Wireless Telephone Prohibited Use Hand-Held Wireless Telephone: Prohibited Use 23123. (a) A person shall not drive a motor vehicle while using a wireless telephone unless that telephone is specifically designed and configured to allow hands-free listening and talking, and is used in that manner while driving. (b) A violation of this section is an infraction punishable by a base fine of twenty dollars (\$20) for a first offense and fifty dollars (\$50) for each subsequent offense. (c) This section does not apply to a person using a wireless telephone for emergency purposes, including, but not limited to, an emergency call to a law enforcement agency, health care provider, fire department, or other emergency services agency or entity. (d) This section does not apply to an emergency services professional using a wireless telephone while operating an authorized emergency vehicle, as defined in Section 165, in the course and scope of his or her duties. (e) This section does not apply to a person when using a digital two-way radio that utilizes a wireless telephone that operates by depressing a push-to-talk feature and does not require immediate proximity to the ear of the user, and the person is driving one of the following vehicles:

- (1) (A) A motor truck, as defined in Section 410, or a truck tractor, as defined in Section 655, that requires either a commercial class A or class B driver's license to operate. (B) The exemption under subparagraph (A) does not apply to a person driving a pickup truck, as defined in Section 471.
- (2) An implement of husbandry that is listed or described in Chapter 1 (commencing with Section 36000) of Division 16.
- (3) A farm vehicle that is exempt from registration and displays an identification plate as specified in Section 5014 and is listed in Section 36101.
- (4) A commercial vehicle, as defined in Section 260, that is registered to a farmer and driven by the farmer or an employee of the farmer, and is used in conducting

commercial agricultural operations, including, but not limited to, transporting agricultural products, farm machinery, or farm supplies to, or from, a farm.

(5) A tow truck, as defined in Section 615.

(f) This section does not apply to a person driving a schoolbus or transit vehicle that is subject to Section 23125.

(g) This section does not apply to a person while driving a motor vehicle on private property.

(h) This section shall become operative on July 1, 2008, and shall remain in effect only until July 1, 2011, and, as of July 1, 2011, is repealed.

Added and repealed Sec. 4, Ch. 290, Stats. 2006. Effective January 1, 2007. Operative July 1, 2008. Repeal operative July 1, 2011. Amended Sec. 2, Ch. 214, Stats. 2007. Effective January 1, Operative July 1, 2008

NOTE: The preceding section is repealed January 1, 2011, at which time the following section becomes operative.

23123 (a) A person shall not drive a motor vehicle while using a wireless telephone unless that telephone is specifically designed and configured to allow hands-free listening and talking, and is used in that manner while driving.

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(f) This section does not apply to a person while driving a motor vehicle on private property.

(g) This section shall become operative on July 1, 2011. Added Sec. 5, Ch. 290, Stats. 2006. Effective January 1, 2007. Operative July 1, 2011. Amended Sec. 3, Ch. 214, Stats. 2007. Effective January 1, 2008. Operative July 1, 2011

The ARRL printed an article regarding an amateur who received a ticket and the Judge ultimately released the charge stating that his device was not a wireless telephone because it is not part of a phone company or other entity that controls the wireless telephone and put his device in with a CB.

We need a good interpretation of our vc 23123 to determine where Amateur Radio falls. There was a letter that circulated in 2008, but what does the DMV and CHP think now!

A Note: Tickets are being given out more frequent now for distractions: eating, drinking, reading, just plain not paying attention while driving.

Be careful out there use a hands-free device such as a headset with mike attached (single ear only).

ARRL Orange Section

Section Manager: Carl H Gardenias, WU6D
wu6d@arrl.org

FRC Regular Club Meeting

Third Wednesday of each month
Fullerton Senior Center
340 W. Commonwealth Ave.
Fullerton, CA

Next Regular Meeting
Wednesday, November 17, 2010

Dinner before the meeting at about 5:30 PM at:
Coco's Restaurant, 1011 N. Harbor Blvd.

Meeting time: 7:00 PM

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

www.occaro.org

WORLDWIDE DISTRIBUTION



Janet Margelli
Manager
KL7MF

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FRC Board Meeting

Open to all members

Marie Callender's Restaurant
126 Yorba Linda Blvd., Placentia
First Wednesday of each month

Next Board Meeting
December 1, 2010

QSO and dinner; 7:00 PM

Meeting: 7:30 PM

FRC Tuesday Net

8:00 PM – 147.975 (-) PL 114.8

Mon. - Fri. 9:00 AM to 6:00 PM
Sat. 9:00 AM to 5:00 PM

Tel: (714) 521-8080
Fax: (714) 521-8920

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Email: sales@fordel.com

FRC Web site: www.fullertonradioclub.com

MEMBERSHIP RENEWAL / APPLICATION

Fullerton Radio Club
PO Box 545, Fullerton, CA 92836

(Please Print)

Name #1 _____

Call: _____ Class: _____

Name #2 _____

Call: _____ Class: _____

Name #3 _____

Call: _____ Class: _____

Address: _____

City: _____ State/Zip: _____

Phone #1: _____

Email #1: _____

Phone #2: _____

Email #2: _____

ARRL Member ☐ Yes ☐ No

Special Amateur Radio Interests: _____

Dues are \$20 per member, or \$25 per family. Students (full time) \$10

Bring your application and dues payment to the next meeting or mail to the above address.



Fullerton Radio Club Welcomes Members and Guests to our Holiday Dinner

Friday, December 17, 2010. QSO time starts at 6:30

Dinner will be served promptly at 7:00 PM

[At Marie Callender's Restaurant – Kraemer at Yorba Linda Boulevard, Placentia]

Menu: **Select from one entrée, plus dessert.**

No. 1: Salad Bar and Soup

Crisp greens, fresh fruit, garden vegetables and an array of special salad, plus all the necessary garnishes to complete our masterpiece. Visit the salad bar as often as you like. Served with toasted garlic bread or our famous golden cornbread.

No. 2: Chicken Broccoli Fettuccini

Fettuccini and spinach tortellini, with slices of grilled chicken breast and fresh broccoli in a creamy sauce. Served with a crisp green salad and toasted garlic bread.

No. 3: Chicken Pot Pie of the Day

Tender chunks of chicken with seasonings and vegetables. Served with a crisp green salad.

No. 4: Marie's Home-style Meatloaf

Meatloaf topped with a tasty old-fashioned gravy. Served with mashed potatoes and fresh vegetables.

No. 5: Oven Roasted Turkey Dinner

Hand carved slices of fresh roasted turkey with our special apple-walnut dressing. Topped with giblet gravy and served with cranberry sauce.

Salmon: Prepared in your choice of one of two styles. Both served with fresh vegetables and rice.

No. 6: Cajon

Lightly coated with New Orleans style spicy seasonings.

No 7: Garlic Lemon Pepper

Grilled with fresh garlic, herbs, and seasonings.

For dessert, make your choice from the following pie selection.

- **Lemon** – Slightly tart and slightly sweet, this pie is topped with light and airy meringue.
- **Apple** – Fresh apples slightly spiced with cinnamon.
- **Pumpkin** – Pumpkin, spice, and everything nice have made this an American favorite.

Served with your choice of coffee, tea or soft drink.

ALL FOR THE PRICE OF \$23.00. Tip and tax included.

Cash-and-carry bar available.

Please return this form with your payment to the Fullerton Radio Club meeting on October 20 or November 17, or mail **no later than December 1** to: **Fullerton Radio Club. P.O. Box 545, Fullerton, CA 92836-0545**

Make checks payable to: **Fullerton Radio Club**

Qty.	Menu Item & Number	Dessert
	X \$23.00 =	
	For server only:	
	Table #	

I'll be attending but not eating: ____

Name: _____

Call Sign: _____

Phone: _____

Name: _____

Call: _____