



# RF



VOL. XLVIII NO. 11 P.O. Box 3454, Tustin, CA 92781-3454 November 2007

## *The PREZ Says:*



November is already here! That means you only have two more months with me as your President. Please keep the celebrating to a minimum! ☺ We are moving right along into the busiest time of the year. Make sure to mark your calendar for the Christmas party on Friday, December 14<sup>th</sup>. It will be a great time to enjoy the holiday spirit and the hobby. Make sure to check out the flyer in the newsletter so you can get all the details and reserve your spot!

I hope all of you have heard the great Field Day results. We placed 2<sup>nd</sup> in the nation. What an amazing score but more importantly what a lot of fun! Field day brought in new

hams, experienced operators, friends and family. We had a great time and the results are just the icing on the cake. Some of the results are posted in the newsletter, make sure to check them out!

73,

Kristin, K6PEQ

P.S. The picture is of Katie, from the ARRL, and me cheezing it up at Pacificon!

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# THE ORANGE COUNTY AMATEUR RADIO CLUB, INC.

**P.O. Box 3454  
Tustin, CA 92781**

## 2007 Board of Directors:

### President:

Kristin Dankert, K6PEQ  
(714) 544-9846  
k6peq@w6ze.org

### Vice President:

Cheryl Peloquin, KG6KTT  
(714) 318-4047  
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### Secretary:

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(714) 744-0217  
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### Treasurer:

Bob Eckweiler, AF6C  
(714) 639-5074  
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### Membership:

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Loran Dargatz, KD6LRD  
(714) 777-9081  
kd6lrd@w6ze.org

## 2007 Club Appointments:

### W6ZE License Trustee:

Bob Eckweiler, AF6C  
(714) 639-5074  
af6c@w6ze.org

### Asst. Webmaster:

Bob Eckweiler, AF6C  
(714) 639-5074  
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### Club Historian:

Bob Evans, WB6IXN  
(714) 543-9111  
wb6ixn@w6ze.org

### ARRL Assistant Director:

#### Webmaster:

Ken Konechy, W6HHC  
(714) 744-0217  
w6hhc@w6ze.org

### ARRL Awards Appointee:

Larry Beilin, K6VDP  
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### OCCARO Delegate:

Loran Dargatz, KD6LRD  
(714) 777-9081  
dkd6lrd@w6ze.org

### RF Editor for November:

Kristin Dankert, K6PEQ  
(714) 544-9846  
k6peq@w6ze.org

## Monthly Events:

### General Meeting:

Third Friday of the Month  
At 7:00 PM

### American Red Cross

600 N. Parkcenter Dr.  
(near Tustin Ave. & 4th St)  
Santa Ana, CA

### Club Breakfast:

First Saturday of the  
month at 8:00 AM at the  
**Jägerhaus Restaurant**  
2525 E. Ball Rd.  
(Ball exit west off 57-Fwy)  
Anaheim, CA

### Club Nets (Listen for W6ZE):

7.086 ± MHz CW **OCWN**  
Sun - 9:00 AM - 10:00 AM  
Rick KF6UEB, Net Cntl.  
28.375± MHz SSB  
Wed - 7:30 PM - 8:30 PM  
Bob AF6C, Net Control  
146.55 MHz Simplex FM  
Wed - 8:30 PM - 9:30 PM  
Bob, WB6IXN, Net Control

## VISIT OUR WEB SITE

**<http://www.w6ze.org>**

for up-to-the-minute club  
information, the latest  
membership rosters, special  
activities, back issues of **RF**,  
links to ham-related sites,  
vendors and manufacturers,  
pictures of club events and  
much much more.

### Club Dues:

Regular Members ..... \$20  
Family Members\* ..... \$10  
Teenage Members ..... \$10  
Club Badge\*\* ..... \$3

Dues run from January thru December  
& are prorated for new members.

\*Additional members in the family of a  
regular member pay the family rate  
up to \$30 per family.

\*\*There is a \$1 charge if you'd like to  
have your badge mailed to you.

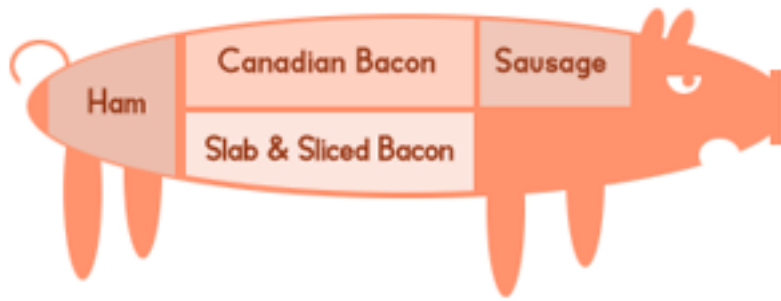


You don't need to write like William "Bill" Shakespeare in order to write an article for the RF Newsletter. In fact, we prefer articles without the words "Thy", "Whilst", "'Tis" and "Oft".

Do you have an idea for a newsletter article? Maybe you have acquired a new piece of equipment, designed or constructed a new antenna, took a trip focused around ham radio, want to share an amateur radio related experience or discuss a technical topic. Why not write an article for the monthly RF newsletter? The article can be short or long, simple or elaborate, and can even include pictures!

The RF newsletter relies on articles from our members. So why not give it try? Write an article and send it to the newsletter editor. It's fun, and at the same time, your contribution helps support our club and hobby!

## Ham Cuisine



*Kristin Dankert K6PEQ*  
*k6peq@w6ze.com*

## Autumn Pork and Apple Stew

### Ingredients:

1 3-pound boneless pork shoulder (butt) roast, cut into 2-inch cubes, trimmed  
2 tablespoons oil  
1/2 teaspoon salt  
1/4 teaspoon black pepper  
2 chopped onions  
2 carrots, pared, cut into 1/2-inch rounds  
2 Granny Smith apples, peeled, cored, quartered  
3/4 cup apple cider  
1/2 teaspoon dried thyme  
1/4 teaspoon ground allspice  
1/4 teaspoon rubbed sage

### Cooking Directions:

Heat oil in large skillet over medium-high heat. Add pork cubes and brown on all sides, turning as needed, about 5 minutes. Transfer pork to plate, season with salt and pepper. Add onions, carrots and apples to skillet and cook, stirring often, until onions begin to brown, about 5-6 minutes. Transfer to a 3 1/2-quart slow cooker and top with pork cubes. Add apple cider, thyme, allspice and sage to skillet. Bring to a simmer, scraping up brown bits on bottom of skillet; add to the slow cooker. Cover and slow-cook until pork is tender, 6-7 hours on low. Using a slotted spoon, transfer meat to a serving bowl, cover to keep warm. Skim off fat from surface of cooking liquid. In food processor or blender, puree cooking liquid and solids until smooth. Pour sauce over meat, stir gently and serve immediately.

### Serving Suggestions:

This menu is great for a busy autumn day—put dinner in the slow cooker and it's ready when you are. Serve with mashed potatoes or egg noodles, buttered Brussels sprouts and warm dinner rolls.

Thanks to "The Other White Meat" website for this tasty recipe!

# 2007 Contest Schedule

## NOVEMBER:

17-19      ARRL November Sweepstakes (Phone)  
30-12/2    ARRL 160-Meter Contest

## DECEMBER:

8-9              ARRL 10 Meter Contest

## **DXpedition to VP5** **OCARC Member KB7UB Will Participate!**

*Bob, K0OK and Dale, KB7UB, will be active as VP5/K0OK and  
VP5/KB7UB  
from Providenciales (NA-002), Turks and Caicos Islands from December 6th  
thru December 11th 2007*

*Look for activity on 6 through 160 meters CW and SSB. They will be operating  
in the ARRL 10 Meter Contest as VP5E (K0OK) and VP5UB (KB7UB).*

*QSL via home calls. Online logs will be available at  
<http://www.dxer.com/dxlogs/>;  
All QSOs will be uploaded to LOTW.*



## Renew Your OCARC Membership

It's almost that time of the year again. It is soon time to renew your OCARC membership for 2008.

Help continue to support your growing club. There are many entertaining monthly meetings, speakers and events planned for the upcoming year. But it can't happen without your support for OCARC.

Dues can be paid at the monthly club meetings, club breakfasts or via snail mail. Regular dues are only \$20. Additional family members are \$10 (Total). Membership for teenagers is only \$10 as well. What a deal!



OCARC  
P.O. Box 3454  
Tustin, CA 92781

## KFI Tower Reconstruction UPDATE!

Dino - K6RIX

**SPECIAL MEETING:** The City of La Mirada Planning Commission is meeting on Thursday, November 15th, 6:30PM, at La Mirada City Hall. The Planning Commission has previously approved the reconstruction of the main tower, but meeting again to discuss further developments. If you are interested in the reconstruction project, you are invited to attend this meeting!

The last time the planning commission met, the room was packed with pilots. This time, I'd like to see the room packed with radio enthusiasts! Please spread the word!

## RF ENGINEERS NEEDED!

NextPhase Wireless is a connectivity company that specializes in delivering integrated Internet, voice and data communication solutions to our customers. Leveraging the expertise and experience gained from designing, deploying and operating our own wireless wide area networks (WWAN) since 1999, we also provide connectivity solutions to businesses and municipalities.

We operate as a Wireless Internet Service Provider (WISP) from our Wireless Network Operations Center (WNOC) in Anaheim, CA. providing tiered wireless Internet connectivity services to our business and residential subscribers. We are extending our wireless "footprint" by negotiating deployment of network repeaters at strategic geographic locations, and plan to expand further through selective acquisitions. We also leverage our expertise and experience to design, build, deploy and operate large-scale NextZone™ and NextMetro™ networks in conjunction with or on behalf of our clients (e.g. property developers, municipalities).

To properly facilitate our growth, we will be expanding our technical staff by adding expert RF Engineering and IT staff. Working knowledge and experience in Licensed Spectrum and the 5.8 GHz, 4.9 GHz and 2.4 GHz spectrum and the ability to interact with other staff and support sales efforts in an overlay role are required.

Full time employees are offered health, dental, vision and life insurance benefits as well as a 401K and stock options. In addition to full-time status employment, we also have occasional need for contract work and consultants.

Salary commensurate with experience. If interested please contact Mark.

Mark A. Kociela  
Vice President Business Development  
Tel: 714.765.0010 | Mobile: 909.904.8274  
[mkociela@npwireless.com](mailto:mkociela@npwireless.com)



## Upcoming OCARC Events!!!

(Check the club website for updates and additions <http://www.w6ze.org>)



**November 17<sup>th</sup> (Friday 7:00pm)**

Speaker: Willie Peloquin - N8WP.

Willie will discuss and demonstrate the fun digital mode "PSK".

Willie has quite a knowledge of digital communications and computers.

**Annual club elections after presentation.**

Are you a member of OCARC and thought about running for the board of directors?

Here's your chance to help OCARC continue to grow and improve!



**December 14<sup>th</sup> (Friday 7:00pm)**

OCARC annual holiday party! Held at the Jaegerhaus Restaurant at 2525 East Ball Road in Anaheim (Located on Ball Road just West off of the 57-Freeway). Purchase your dinner tickets from Cheryl-KG6KTT at an OCARC general meeting, breakfast meeting or request tickets by e-mail at [cpeloqui@gmail.com](mailto:cpeloqui@gmail.com)

We will have a raffle after dinner. Grand prize is a brand-new Icom IC-756Pro3 transceiver. Last year's raffle featured about \$3500 worth of prizes!!!



**January 18<sup>th</sup> (Friday 7:00 pm)**

Speaker: Bill Scholz - W1HIJ

More information to follow....Check the website for up to the date information!

**The Orange County  
Amateur Radio Club "OCARC"  
P.O. Box 3454**

**Tustin, CA 92781**

**Web: <http://www.w6ze.org>**

**Email: [ocarc\\_info@w6ze.org](mailto:ocarc_info@w6ze.org)**





## OCARC Board Meeting Minutes November 3, 2007

The meeting was called to order at 08:25.

Director Attendance:

President: K6PEQ  
Vice President: KG6KTT  
Membership: N1AB  
Technical: AF6CF  
Secretary: MIA  
Treasurer: MIA  
Activities: MIA  
Publicity: MIA  
Member at Large: N8WP  
Member at Large: MIA

Guest: Danny KG6TII

Reports:

Vice President: No report  
Treasurer: Funds as reported in email  
Membership: 71 members  
Activities: November PSK31 by N8WP; December Christmas Party (IC 756 PRO III as Grand Prize);  
January Bill Sholz; February 10-10; March Tower in Anza (W6BH)  
Technical: No issues

Newsletter: December – Ken, W6HHC; January-Bob, AF6C

Discussions were held on the upcoming board election. Nothing worth reporting :)

Meeting was closed at 08:47

Respectfully Submitted on November 7, 2007

Willie Peloquin - Acting OCARC Secretary



## Attention Members!!!

Do you know a fellow ham that would be interested in joining OCARC? Do you have a friend that is curious about ham radio and wants to learn more about our hobby? Why not invite him or her to one of our exciting monthly meetings?!?! The meetings are fun, informative and entertaining. Check out the upcoming events page in this newsletter to see the exciting speakers we have lined up for the next couple of months. Don't forget about the great raffle prizes too. So bring a visitor to one of our meetings, and help **your** club expand! Make sure to inform your friends of our club's website, which is always kept up to date. Information on club meetings, activities and our newsletter archive make it a worthwhile site to surf! <http://www.w6ze.org>

## A friendly challenge from San Bernardino County

I am John KQ6ES, secretary and contest chair of the Inland Empire Amateur Radio Club, W6IER. We have taken part in the ARRL Sweepstakes phone contest, among other contests, in the last couple of years, and this year I have signed up the club to sponsor the plaque for the Southwest Division Multi-Operator class winner. I encourage you to promote this contest as a group event, enter under your club call, and send in your log. We do not have big antennas or amps and can not compete with the big gun multi-op stations in the Division, but we have fun getting our callsign on the air.

As an ARRL Special Service Club we are looking to contribute in different ways to the growth and enjoyment of Amateur Radio. As the IEARC secretary and contest chair I have sponsored the plaque and made this challenge to promote contesting and Radio Club activity in general. Sending this message to all the clubs in the Division is too much for me to take on, but is being sent to some of the many ARRL affiliated clubs throughout the Division who have taken part in Field Days or other contests in recent years.

The ARRL November Sweepstakes phone contest is November 17 and 18. Details can be found in the ARRL web site contesting pages.

Being part of a large turn out from your Section would be a good goal in itself, regardless of the score. I hope to hear you on the air enjoying the contest.

73,  
John Simmons kq6es  
IEARC Secretary and Contest Chair



# AUCTION !!! AUCTION !!! AUCTION !!!

October Meeting 2007



Boxes and boxes were brought in to the auction. Everyone is milling around and checking out some of the gear that is about to go at some great prices!

Everyone begins to settle in for the auction. A few still wander around checking out what they might have missed on their first go around!



Radios and other fun gear line the tables. Remember, one man's junk is another man's treasure!

## Orange County Amateur Radio Club



Our auctioneer and helpers explain what the next item is up for bid. Hopefully it wasn't a carton of bananas like the box says!

What will they bid on next!?!?



The organization behind the auction...Looks like Ken W6HHC is having more fun than Bob AF6C!







## OCARC Holiday Party Raffle Grand Prize!!!!

Come to the OCARC holiday party and enter the raffle. The grand prize is a brand new **Icom IC-756Pro3** HF/50 MHz transceiver! Experience the advantage of extraordinary DSP filtering technology!



There will be many more prizes too! You must be present to claim a raffle prize. Don't miss out. See Cheryl "KG6KTT" at an OCARC general meeting or OCARC club breakfast, or contact her at **714-318-4047** or via email at

**[cpeloqui@gmail.com](mailto:cpeloqui@gmail.com)** to arrange purchasing your holiday party dinner tickets! Remember to

bring your spouse and friends too! Dinner tickets are only \$23 per person. See the club website for more details (<http://www.w6ze.org>)

Mark the date on your calendar!  
Friday night, December 14th at 7:00pm.

Location: Jagerhaus Restaurant  
2525 East Ball Road, Anaheim, CA 92806  
Located on Ball Road, just west of the 57-Freeway.  
[www.jagerhaus.net](http://www.jagerhaus.net) 714-520-9500



**See Kristin "K6PEQ" at the party to purchase your raffle tickets.  
The tickets are only \$1 each!**

***Orange County Amateur Radio Club, P.O. Box 3454, Tustin, CA 92781***  
**<http://www.w6ze.org/>**

## Topband: Dxpediton to J5 Guinea-Bissau, W-Africa JAN 2008

A number of ops mostly from the January 2007 XT2C DXpediton team will be QRV from Guinea-Bissau this coming January. They will activate J5C from Bubaque Island (AF-020) from January 10th to 21st. Team members include F4AJQ, F6AML, F5JSD, F5VHQ, F8BJI, F9IE, F2VX, F2JD, F8BUI, F4TTR, F5PED, F5TVG, N2WB, N6OX and OE8KOK. Plans are to have 5 stations, with 4 amplifiers QRV 24 hours a day. Activity is expected on all bands on CW, SSB, digital modes and SSTV plus 29 MHz FM. They will be using verticals on 80 and 160 meters and beams on the other bands. QSL this operation via F5TVG.

## Field Day Results 2007

#	Call	Score	Category	QSOs	Power Mult	GOTA Call	Section	Participants	Club
1	W3AO	27,150	19A	8,147	2	KE3Q	MDC	45	Potomac Valley RC and Columbia ARA
2	W6ZE	20,246	9A	6,217	2	N1AB	ORG	86	Orange Co ARC
3	W9CA	19,288	3A	5,079	2	N9BR	IL	25	CorTek Radio Assn
4	W6YX	17,158	4F	5,057	2	K6SU	SCV	40	Stanford ARC
5	K1R	16,894	5A	5,230	2	W1WQM	NH	35	PCARC
6	VE3GMA	16,734	9A	5,161	2	VE3MVM	ON	19	GMA RC
7	K2AA	16,680	6A	4,886	2	W2EA	SNJ	51	South Jersey Radio Assn
8	W4IY	15,142	7A	4,199	2	N2PJ	VA	40	Woodbridge Wireless
9	K5TA	14,680	2E	1,403	5		NM	4	
10	K7LED	13,786	6A	4,337	2	K7OV	WWA	69	Mike & Key ARC

"This was THE most awesome Field Day in my 28 year history with the club. Kudos to Dan, Kristin, and everyone who helped make this happen. Thanks Dan for the honor of letting me be the lead off operator to kick off the 20-meter effort. The stations the club set up were an All Star Event with Chip, Gordo and other top contesters from the area. The neat thing was the fact that both serious contesters and newbies operated the stations. This was in the true Spirit of Field Day where everyone had fun and still the teamwork paid off. "The Old Man" would be proud."

73,  
Chris - KJ6ZH

## ARSON "FIRE WATCH"

Conceived..... Nov 2002

Initial Implementation Nov 2007

Ladies & Gentlemen,

I have designed a simple system of watchers / monitors to watch the main road systems in and out of the forests and rural chaparral wilderness interface areas to guard against arson during the California state Santa Anna fire season. This is not an original idea only a specialization of a basic well known and used system. Obviously I call it "Fire Watch" a volunteer fire watching organization based in a simple premise.

Fire Watch is an organized system of citizen volunteers who have passed basic criminal background checks to provide watch round the clock in shifts in pre selected strategic parking areas on the main roads, and in vehicle patrols at the most vulnerable wild land fire areas, those areas with the most potential for wildfire disaster to "watch" for suspicious activity.

I have noticed that many of the mountains here have amateur radio repeating station towers on them right next to the fire-police-emergency radio towers on high peaks thus facilitating an already in place infrastructure for the well organized implementation of Fire Watch. Your help and input is greatly needed to make Fire Watch one of the best tools of anti arson in the coming fire season.

There are a lot of retired amateur "Ham" radio enthusiasts, persons with community volunteer ethics and good will, who use there very high quality FM radio's, radios which are made by the same companies who make police-fire-military radios, and which also operate in the same general frequency spectrum. Citizen volunteer ham radio operators should take time to volunteer as Fire Watchers.

There are already in place many actual mountain top manned "fire lookout towers" operated in all the mountain ranges of the west. These fire season lookout towers are good for smoke sighting, but not for localized ground and road surveillance of possible suspects or suspicious activity. Fire Watch member Joe and Jane Smith with a cell phone, and or ham radio com can organize to volunteer in rotating organized shifts by sitting in there vehicle on the many turn outs on these rural and mountain roads. It just takes organizational planning and implementation. There should be an "official" Fire Watch organization. Other concerned citizens can do there part on there own time too.

There are enough people out here to place a volunteer at least one for every mile on every major road that has strategic arson potential during the 1 to 2 week period of high winds Santa Ana conditions. Because the Santa Ana winds always start blowing from one direction, there are certain roads and highways that are prime locations to start fires thus maintain a system of Fire Watch volunteers to keep vigilant sight over these highly vulnerable areas.

Every Fire Watch volunteer who lives in or near these high fire danger areas knows their own home road & highways very well. If a Fire Watch volunteer can imagine themselves in the mind of an arsonist who would want to set a large wild land fire, the Fire Watch volunteer should then use their familiarity of there area and imagination to think of where a criminal terrorists would most likely start a fire in there locality and patrol this area along with other volunteers.

The roads in and out of the So Cal mountains & rural areas are well known , such as PCH and Kanan Dune rd in Malibu, Hwy 18 and 330 in the San Bernardino mountains, The Angeles Crest highway 2 up in the San Gabriel mountains, Hwy 138 , 5 and 15 at the foot of the southern California mountain divide, Fwy 8 , 15 and 76 in eastern San Diego county and many other lesser known roads all of which has strategic implications as it pertains to wild land to urban community fire danger.



Amateur "Ham" radio clubs need to be tapped for there well established memberships, there members are mostly made up of middle age to retirement age people of high intelligence and good character who also have licensed training and many years experience in communications and reporting. The ham radio members all have high quality and redundant rural radio communications systems already in place many of which are located right next to the Emergency Police & Fire system towers up on the local mountain tops. In many rural and mountain locals the ham radio operators have better communication ability than either cell phone and sometimes even better than Police-Fire and EMS systems.

This is not rocket science, it is basically wide spread form of "neighbor hood" watch. This is a volunteer call up mobilization to organize. You and I , all of Us, have 1 year from today to get it up and running before the next Santa Ana wave of accidental fires, terrorists / arsonists attacks on our homes, our state, and our neighbors. As a Fire Watch volunteer you are part of a team and organization of good patriotic people much like the "lookouts" who manned coast watches during WWII in California to watch the coast and the sky for potential enemy attacks.

The only practical way to see and intercept an arsonist in Southern California as it concerns wild land fires is to literally "see" them. An arsonist will more than likely always use a roadside to start their fires, it's just a simple matter of speed and convenience for the arsonist to use a roadside venue to attack our communities. Its my guess that an arsonist would not take the time or risk to hike into the woods to start a fire they don't fly over ((at least not yet)) they drive the local mountain roads looking for a "break in the traffic", a lonely relatively isolated road, turn out or blind spot so they can toss out a road flare or other such incendiary device.

The chances of actually seeing an arsonist in the act as it happens are probably very slim even if we have 10,000 plus volunteers. Deterrence "is" a very good weapon against crime. Fire Watch is a high quality deterrent. If you are a criminal / terrorist would you wish to take the chance and try it next year if you knew every road with good arson wild fire potential had a few Fire Watch lookout personnel on it with binoculars , cell phones and radios? Would you be as bold knowing Fire Watch personnel are watching strategic roads, intersections, winding mountain corners and canyon lookout vehicle turnout areas? Would an arsonist want to take a chance knowing there is a \$100,000 reward on his or her head as Fire Watch personnel are actively looking for such a person or persons. Arsonists would get real paranoid as they cannot help but noticed all the parked cars along all the major rural highways and roads with all the people who have binoculars, video cams cell phones and radios in hand wearing orange jackets that say "Fire Watch" on the back in vehicles with bumper decals , and magnetic door signs that have Arson Hot Line 1 800 \*\*\*\*\* on them, as they video and or watch every car that goes up and down the winding roads during the Santa Ana season an arsonist would think twice before striking a match at the very least be detoured to a lesser than prime location to attack us.

I suspect that by the end of this winter we can have an active and ready manned, fully supported Fire Watch organization in place with "thousands" of quality volunteers ready for the opening of the southern California wild land fire season. Your suggestions, Your help, Your organization, Your volunteerism is very much needed .

Sincerely,  
S W Evans ([steven\\_walker\\_evans@yahoo.com](mailto:steven_walker_evans@yahoo.com))

# Fieldtrip to NCG

Dan – N6PEQ, Jim – N6DHz and Dale – KB7UB went on a road trip. They were off on their own with a whole day of mischief to be had. But where to go?!?!? Hmm.....NCG just moved to Chino so let's go check it out. In the truck they hopped to sit in bumper to bumper traffic on their way out to see Mick and Jim at NCG. The discussion varied from antennas to radios as they slowly inched down the freeway. Should we warn them that we are coming??? No, where is the fun in that. Finally, they arrive with a sigh of relief and now to find Mick and get a tour of the new place.



This is definitely the place, but where is Mick and Jim hiding?? Did someone warn them that we were on the way?

So Mick was paged and came to the office. He luckily had time and offered a tour of the facility and Dan got out his camera. While walking down the hallway toward the rest of the building, a plaque was hanging on the wall. It was the plaque W6ZE sent them for their support of our club and coming to speak several times the past years.



## Orange County Amateur Radio Club

Off to the back where all of the products are stored from Comet and Maldol antennas to Daiwa brand RF SWR/power meters and switching power supplies. What a huge building with lots of room to grow. As the guys looked around, Jim kept busy filling orders but did stop to pose.



A question that comes up in many of our minds, is how do they test all of the antennas and clamps, etc. for all of their products. One of the ways is a something they have in the back of the shop. It has been through a lot but is still up to the task.



If you look closely, you can see all of the antenna mounts. That is one car that has seen a lot of antennas, clamps, and assorted products. Thanks to NCG for opening their doors and please check out their website at [www.cometantenna.com](http://www.cometantenna.com). So it was time to move on to the next adventure...where to eat lunch and who else can we bother?!?!