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## ORANGE COUNTY AMATEUR RADIO CLUB

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VOL. XXXVIII No. 2 P.O. BOX 3454, TUSTIN, CA. 92781 FEBRUARY 1997

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### The Prez Sez:

With the leaving FCC Private Wireless Chief McNamara the article below points out the special issue of "Spectrum, and the amateur community should pay close attention to."

#### **FCC Private Wireless Chief Leaves for Greener Pastures**

• FCC Private Wireless Division Chief Robert McNamara, N1KHF, has left the FCC for a new position with Nextel Communications Inc, a major telecommunications service supplier. The Private Wireless Division is the part of the Wireless Telecommunications Bureau that regulates matters concerning public safety, industrial, transportation and other private radio services, as well as aviation, marine, amateur, IVDS, broadcast auxiliary service, personal radio services, point-to-point microwave, antenna tower clearance, and the radio operator examination program.

A Massachusetts native, McNamara, 51, was the Private Wireless Division chief for the past two years. Before that, he headed the Private Wireless Division's predecessor, the Special Services Division within the former Private Radio Bureau—now the Wireless Telecommunications Bureau.

Deputy Private Wireless Division Chief David Horowitz became acting chief of the Private Wireless Division when McNamara departed.

McNamara said that ham radio enjoys a lot of respect and recognition at the FCC, but he also suggested that hams keep up on spectrum issues in the future. "Spectrum is the key issue, something the amateur community should pay close attention to," he said. But he said he does not expect a repeat performance of the move by the 104th Congress that ordered the FCC to reallocate 2305 to 2320 MHz and 2345 to 2360 MHz by auction to wireless services by April 15 in order to help balance the budget. "I'd be surprised if there's a lot of that in the future," he said.

McNamara also said he thinks the vanity call sign program has been successful, despite a few glitches. He said the FCC tried to be responsive to hams and do "what the amateur community and the League agreed on."

ARRL Executive Vice President David Sumner, K1ZZ, said the League is disappointed to see McNamara leave the FCC. "Ever since Ralph Haller [N4RH] left the FCC, Bob McNamara has been our primary contact on policy matters," he said. "We're sorry the FCC is losing him."

McNamara attended the ARRL National Convention in Peoria earlier this year and met with ARRL Board members there.

## 1997 Board of Directors

|                       |               |        |              |
|-----------------------|---------------|--------|--------------|
| President.....        | Frank Smith   | WA6VKZ | 838-3180     |
| Vice President.....   | Art Sheldon   | AD6B   | 997-3735     |
| Secretary.....        | Jane Breller  | KC6TAM | 310-925-9157 |
| Treasurer.....        | Ken Konechy   | W6HHC  | 744-0217     |
| Activities.....       | Art Dillon    | KE6WOX | 997-2078     |
| Membership.....       | Bob Buss      | KD6BWH | 534-2995     |
| Public Relations..... | Larry Beilin  | K6VDP  | 557-7217     |
| Tech Committee.....   | Larry Hoffman | K6LDC  | 636-4345     |
| Member at Large.....  | Bob Eckweiler | AF6C   | 639-5074     |
| Member at Large.....  | Bob Tegel     | KD6XO  | 531-0926     |

## CLUB APPOINTMENTS

|                     |               |        |          |
|---------------------|---------------|--------|----------|
| Club Historian..... | Bob Evans     | WB6IXN | 543-9111 |
| W6ZE Trustee.....   | Bob Eckweiler | AF6C   | 639-5074 |
| RF Editor.....      | Bud Barkhurst | WA6VPP | 774-6361 |
| Refreshments        |               |        |          |

## DUES

Regular Members      \$15.00      Additional Members      \$7.50 each  
Teenage Members      \$ 6.00      Optional Club Badge      \$5.00 each  
Dues for new members are pro-rated quarterly from January 1st each year. Family members must reside at the address of a regular member. Only one RF is sent per household.

Hear ye, All Amateurs ...----...

This Month's Program will be presented by our own Frank Smith WA6VKZ.

### Antenna Analyzers

Frank will be using AEA analyzers for HF,2mtr,220 and 440 to measure antenna performance.

Art AD6B



The Following OCARC members who have Online(E-Mail) addresses:

|                |        |   |
|----------------|--------|---|
| Phil Anderson  | KK6QE  | blkhawkadv@aol.com                        |
| Howard Atwell  | KA6CZI | howard-atwell@fullcoll.edu                |
| Bud Barkhurst  | WA6VPP | obarkhurst@aol.com                        |
|                |        | BWA6VPP@Juno.com(Free E-Mail)             |
| Bob Buss       | KD6BWH | kd6bwh@aol.com                            |
| Bob Eckweiler  | AF6C   | r.eckweiler@genie.com                     |
|                |        | c005291@mdcpo04.1b.mdc.com                |
| Loyd Harwood   | WB6ULU | lloyd@exo.com/fhrk40a@prodigy             |
| John Meacham   | KT6TK  | kt6tk@nctcom.com                          |
| Jim Roberts    | N6XTJ  | jr_n6xtj@compuserve.com                   |
| Elmer Thomas   | WA6PFA | eelmert@aol.com                           |
| Frank Smith    | WA6VKZ | 104675,3022@compuserve.com                |
| Jack Hollander | N6UC   | hollander@net999.com                      |
| Ken Konechy    | W6HHC  | 73223.1400@compuserve.com                 |
|                |        | kkonechy@rnbo.com                         |
| Jane Breller   | KC6TAM | kc6tam@aol.com                            |
| Chris Breller  | KJ6ZH  | kj6zh@aol.com                             |
| Club Web Page  | W6ZE   | http://www.geocities.com/athens/<br>2473/ |

These addresses will be updated quarterly.

PROGRAMS NEEDED

If you have a program you would like to give at the club, please contact me. If you have a program you would like to see, and know all the particulars, please contact me. I will need to know the subject, presenter, how to get in contact with the presenter, and any special equipment needed. Please contact Art, AD6B at (714) 997-3735 or email at: oneoldham@aol.com or oneoldham@juno.com.

SHOW AND TELL NIGHT

Our illustrious President would like to have, for need of a better title, a SHOW AND TELL NIGHT at the club. The tentative month for this event is May 97. The night will consist of the different aspects of Amateur Radio as depicted by you, the members. You may also have a friend who would be happy to be a part of this night. The participants will **SHOW** their favorite mode of operation, an antenna they have built, a project they have built, a project or equipment they have built for use on or off the air, any aspect of amateur radio, and **TELL** a short talk of what they are showing. All special equipment will be supplied by the presenter. If you, or someone you know, would like to be a part of this evening, please contact Art, AD6B at (714) 997-3735 or email at: oneoldham@aol.com or oneoldham@juno.com. This would be a great evening for all and especially for those would-be hams we know.

## Radio Station KR6LID

Herman R. Poopenwhistle, Chief Operator  
2 Meter Drive, Death Valley, California 97373

February 1, 1997

To: Larry Hoffman, K6LDC  
Teknickel (TVI) Chairman  
Orange County Amachur Radio Club, W6ZE

Dear Larry:

I am having max trouble with one of my naybores interfering with me. I sent him a letter but he says too bad. Below is a copy of the letter. Do you think I am rong?

January 20, 1997

Dear Naybore Jones:

I wish to say first that I am very sorry to have to rite this letter to U (ham talk for you). I am a lisensed Amachur Radio Station, lisensed by the FCC (Federal Kommunikashuns Commishun). As such a lisensee I have rites that you may not step on.

It has come to my attenshun that your TV antena is interfering with my radio broadcasts and as U probly know, that is called TVI (ham talk for television interference), and is against the rules of the FCC. I know that as a lisensed operatur I have a lot more smarts about radio than you; therefore, I will splain it to U.

Radio communicashun depends mostly on sunspots hitting the antena. Communicashun only happens Gud (ham talk for good) when sunspots are on the antena. If you notis Ur (ham talk for your) TV antena is direktly to the west of my 3 elment yagee beam antena (state of the art of corse) and about three feet higher than my beam. During the afternoon, the hours that I chuuse to operate, your TV antena blocks some of the suns light frum hitting my beam and therefore stops some of the important sunspots (as I splained erlyer, nesenary for communicashun) from hitting my antena.

This is willful TVI and is agenst the law. As a LISENSED (and Ur not) Radio Station, I must order U to take down Ur TV antena and use non-interfering rabbit ears or I will have you arested and throwed into Fort Levenwurth Prison (if the juje is lisensed it may even get U the deth penelty).

Sinsearly

Herman R. Poopenwhistle  
Lisensed Radio Amachur



NETNEWS  
by WB6IXN

1/8 15m phone net - W6ZE/AF6C checked in NGO, LDC, AD6B, IXN, TWA, WOX, and RE. We were all saddened to hear that AF6C's dad passed away on Dec. 20! Wid the holidays falling on Wed., little net activity occurred! LDC captures the flu and manages to go thru 3 boxes of kleenex, wid a nose that looks like the Red-nosed Reindeer! And Larry works on a 2m phone modulator fer the rig. IXN has 'bugs on ze tomato bush', and AF6C, wondering where HHC is tonite, says the Club trailer tarp is almost blown off. And NGO, stumbling around in the dark tonite, pays arnd \$800 fer a 5 ft. Disc fer the 'back 40'! IXN & brother spend Christmas in Occidental, and New Years in Garner Valley. AD6B will give a 1970 FD article to IXN fer the Club History. And Art gets the bugs out of the low frequency rig, wid arm chair sigs on 15m tonite. TWA has a license plate stolen frm the auto, catches a virus, and ends up 'tossing his cookies'! WOX has an oscillation in the rig on 15m, and Art suffers no serious damage frm the bad SA winds!

1/8 2m phone net - W6ZE/IXN checks in VFC, LDC, VDP, NG7D, RE, AD6B, QW, WOX, ZH & TAM, TWA, & BWH. VFC has gud holidays, & Dennis 'kicks bk' to listen to the Net. LDC and friends visit beautiful Costa Rica over the holidays, telling OPs abt seeing a 60 ft. tower wid an A4S ant. on it. VDP gets his truck rear-ended by a new Land Cruiser. The truck is in fer repairs and Larry may hve jury duty next week! NG7D turns in his Cable box, talks wid ZL1BMK, his MS friend in New Zealand, and dines at home & watches movies over the holidays. High SA winds hve now blown dwn abt 150 ft of fence at RE's QTH! And Alex tells OPs abt a 10-10 Net, AA6ZW NC, on 10m arnd 10 am local time everyday on freqs. 28,400 - 28,500 MHz. AD6B proposes a Biotech meeting fer the Club to discuss the new radiation exposure regulations, etc. QW & VDP work on a 5/8 over 5/8 6m vertical antenna, and, ROLF QUILTS SMOKING!...Congrats, Rolf! WOX watches TV & videos over New Years, & Art has 40 mi/hr gusts of wind in Orange. TWA tells BWH & Net that Newsline reception is perfect! We thank BWH fer his tireless effort in providing Newsline for the Net! Br-rr-rr!...TWA tells us abt a Canadian ham ice fishing in a heated tent! OPs tell us that VFC, YZW, & WOX had a round-robin on 2m on Christmas night. ZH & TAM vacation at Al, IBR, & Dotty, IPB's QTH fer the holidays, as NC hears a faint 'HI' frm TAM across the room. ZH's new E-mail adr: KJ6ZH@AOL.COM TAM's new E-mail adr: KC6TAM@AOL.COM

1/15 15m phone net - W6ZE/AF6C checks in NGO, WOX, IXN, LDC, FMX, XO, AD6B, and RE. AF6C works Cook Is. on the TS-440 over the weekend. NGO, tired of the rain, buys a new T-Bird! And Kei awaits delivery of his new discs, not computer discs either! WOX enjoys the heater in the shack as he looks out the window to see the grass getting taller & taller. IXN talks abt an increase of seismic activity arnd the Salton Sea. And LDC will be bk at work on Wed. eves. come Feb. We will then see Larry as a late check-in on 2m! And LDC will venture to the desert this weekend fer sum ORV fun! FMX didn't want to becum a human grnd rod during the lightning, so he let the ants. blow to & fro in the winds! Paul spent the rainy days sorting screws & nuts, watching



the swimming pool run over, watching a house burn on Lemon Heights, and planning fer the annual anniversary trip to Laughlin, NV! XO has the XYL in the hosp. fighting bacterial infection and allergy in the lungs. AD6B will be at Meeting on Fri., and Art will continue work on the truck. RE, wid frog in throat, tells OPs abt heavy rain this afternoon. 'Lake Alexander' on the back 40 overflows and rushes thru Alex' garage!

1/15 2m phone net - W6ZE/IXN checks in ONZ, LDC, RE, NG7D, WOX, QW, VDP, UCH, FZE, FJD, & BWH. ONZ tells OPs that Cindy, OPI, is in Sacramento helping the Red Cross wid the flooding. She will be there frm 2 to 4 wks.! LDC pulls an 'IXN'!...Larry turns the beam while transmitting on the dipole! And LDC receives his VE certification in the mail. RE cleans up the garage after the downpour, and Alex looks across the back 40 to view the flattened property-line fence. Alex gives OPs the following Shuttle freqs.: 224.94 MHz, 448.500 MHz., and 147.150 MHz. NG7D has no rain damage, but John aids his disabled friend change residences and find a refrigerator. And John wonders if John, PZF, ever got his power supply working. FZE tells OPs that he plans to pick up Star & Life Scout on his way to Eagle! Right on, Patrick! WOX tells OPs abt an FM contest this weekend on 146.550 MHz. and 146.580 MHz. And Art says there was exploding ammunition in the Lemon Heights house fire. And Art congrats. LDC on the VE certification. 15 days now widout smoking!!...Right on, QW! Nancy, N6XQR, did it also!...Let's hope not smoking becums a fad among OPs!! LDC tells QW to try Burrows Escrow in Santa Ana, to handle the sale of his Business. The rain keep VDP housebound. And Larry has no jury duty yet. Also VDP has a rental car while the truck is being repaired. Now Larry will attack the 430 to find an intermittent. UCH has been sick off & on. And Jim had to pump the pool dwn twice during the rains. Now he'll study CW fer a General ticket upgrade! BWH airs Newslines after Net...We learned that Ham communications was the only link available for delivering emergency traffic in some flooded regions of the Pacific Northwest!...Tnx, Bob.

1/22 15m phone net - W6ZE/HHC takes over NC duties fer AF6C, who is taking his sister bk to the airport for her trip bk to Boston. Check-ins were LDC, AD6B, WOX, TWA, IXN, FMX, RND, & RE. HHC & family leave Mammoth amidst a snowstorm, after a mini-vacation. And Ken is slowly being victimized by an invading virus! LDC will rest in the Sleep Center tomorrow nite while they try to determine if Larry has a Sleep Apnea problem! IXN tells HHC to thank AF6C for the EQ Reports Ken gave IXN at the last Club meeting. Wid only a few sprinkles here, AD6B tnx his 'lucky stars' he wasn't caught in the 1 1/2" of rain further north! And Art hears all OPs FB tonite. WOX has a gud time in the FM Contest last weekend, and Art gives OP sig rpts. WOX & FMX both visit 20m in the afternoon, but the band closes dwn abt 3:00 pm. TWA says recent rainfalls hve caused no problem wid the Santa Ana River Bed. 1/2 the golf course is still dry! FMX & the XYL celebrate their anniversary in Laughlin. They had a great time! We all welcome WA6RND bk on the Net!! John sounds well after a long recuperating period fighting the 'Big C'! And John once more 'tickles' the CW keyer on the HF bands! RE sits bk and copies all OPs, while 'ducking the raindrops'!



1/22 2m phone net - W6ZE/IXN checks in ESD, RE, LDC, WOX, VDP, RND, TWA, BWH, QW, HMX, & KD6JBL. ESD, in Hogue Hosp. between Jan. 10 & 20, has major surgery fer an abdominal aneurism. Still recuperating, Bob makes the effort to join us tonite! Give ESD 2 weeks and he'll be out `tripping the light fantastic' wid those Senior ladies once again!! LDC tells IXN & OPs that the El Mirage flatlands are due west of Adelanto. However, Larry and the crew were dirt biking on the hills arnd the flatlands. BWH begins Newslines and leaves fer the airport to pick up the grandharmonics. XYL Linda, HQP, finishes the transmission. Tnx Bob & Linda! Shortening up the ground lead ends WOX's oscillation problem wid the HF rig. And VDP was happy to be released frm jury duty last Thurs. eve....Now if Larry can just get his truck out of the repair shop! IXN sends George, KC7PKB, his copy of `The NARSMEN' article frm Dec. RF. RND tnx LDC fer info on the Club meeting location at the Red Cross in Santa Ana. And John told OPs his last check-in to the Net was in June, 1994! TWA tells IXN he can pickle his green tomatoes. And QW says to wrap the green tomatoes in newspaper and see if they'll ripen over time. TWA reminds OPs of the solar reports on WWV at 18 min. & 45 min. after the hour. And QW likes the rain. Rolf also says he may soon be rid of the Business! Then it's off to Spokane and a new home for QW & XYL! We hope to see Jerry, KD6JBL, at a future Club meeting fer an eyeball. We interrupted a QSO wid Jerry & other OPs when we asked them to move to another frequency just before Net. Jerry then joined us later...Nice to hve you on board, Jerry! Roger, KD6HMX, `flew in & flew out'. RE keeps busy wid house chores and the XYL.

1/29 15m phone net - AF6C calls IXN by landline & squeaks wid his laryngitic, bronchitised voice that he is incapacitated! LDC, IXN, RND, VFC, and VKZ all meet fer a `round robin' session. LDC reminds OPs abt the Club Bfast Sat. RND has poor copy on most OPs tonite. So does VFC wid his `lil microphone'! VKZ has no mercy on AF6C, reaching out wid his `RF whip' to prod Bob frm the horizontal to the microphone! IXN is the only one who copies all OPs perfectly.

1/29 2m phone net - W6ZE/IXN checks in VFC, QW, LDC, NG7D, RND, VDP, WOX, ESD, UCH, RE, & BWH. IXN reminds all OPs that the Club Bfast is Sat. VFC, fighting a cold, has vly little SA winds at the QTH. Congrats, QW!...It's been 1 month since you stopped smoking the Noble Weed! And IXN will check on `Holy Smoke' dwn at the Church fer Rolf! LDC cudn't hear VKZ on 15m, and Larry will not be on 15m 'til the end of May if he is teaching. And NG7D gives LDC the FCC tel. # 1-800-3221117, to check fer the FCC's URL adr. RND is looking fer a used all mode 2m transceiver...Give John a ring at 633-7469. VDP gets the truck bk frm the repair shop, and Larry tells VFC to try QRZ.COM fer FCC's URL adr. ESD turns off his motion sensored lights...A dancing philadendron in the howling SA winds keeps the lights turned on continuously! A girl friend wid a broken toe, and ESD kept in reign by the Doc, keeps Bob frm the dance floor at present! BWH will participate in a City of Anaheim city-wide emergency drill tomorrow, and Bob airs another interesting Newslines. RE, wid mild SA winds tonite, finds the 15m Net closed before his attempted check-in! Alex

gives OPs latest ARRL info., telling us that Fried, WZO, has been elected to the Executive Committee of the ARRL. Congrats, Fried!

**The RF Editor Sez:**

In past years is has been a touch and go situation with the deadline to print the club newsletter.

I would like to suggest the following date's for the year 1997. These deadline's are essential for the completion and printing of the Newsletter.

- February 13th
- March 13th
- April 10th
- May 8th
- June 12th
- July 10th
- August 7th
- September 11th
- October 9th
- November 13th
- December 11th

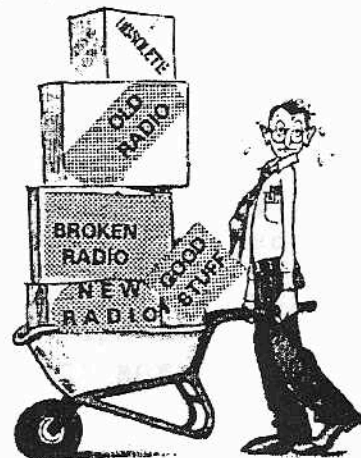
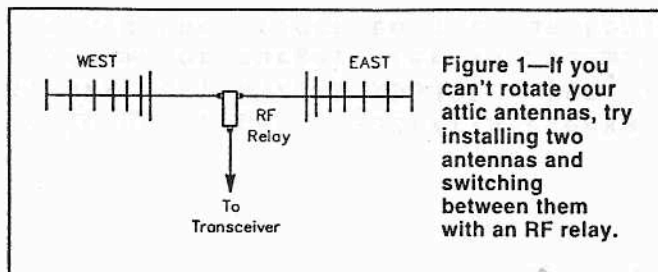
I want to thank all the Reporters for a fine job.

ED.

P.S. All Reporters should save this page as a reminder.

**Q** I want to put a 70-cm beam antenna in my attic, but I have a serious problem. The attic is small and the rafters are spaced such that I can't rotate the antenna. I suppose I can just point the antenna east and leave it, but I'd hate to miss activity to the west. Do you have any ideas?

**A** Why not use two 70-cm beams? Install one facing east and the other facing west. Then, use an RF relay to switch between them (see Figure 1). Just make sure that the relay you choose is rated for use at 70 cm.





## TALKING FROGS

I'm not the type to tell jokes but I do know a story or two. The little fable I'm about to share with you has been told in many ways. Its one of those tales you can choose a main character to insert and make it apply to any particular audience. For our purpose I'll make the main character a radio amatuer. A radio amateur is a person who is hidden away in some small room called The Shack.

One day, a radio amateur was emptying his garbage and found a big frog sitting beside his trash can. The frog jumped on his foot and said, "if you kiss me I'll turn into a rare qso." The radio amateur studied the frog for a moment picked it up and carried it inside. He placed the frog in a box on the speaker cabinet and went back DX'ing.

On a daily schedule the radio amateur would take the frog out of the box and talk with it. They'd speak of technology, music, literature - you name it. Each little visit would end with the frog saying, "Please, if you kiss me I'll turn into a rare qso," And every time the radio amateur would return the frog to the box without the requested kiss.

Month's passed and the the frog grew more attached to the radio amateur and seemingly he to the frog. The frog stopped asking for the kiss thinking surely as the relationship grew closer the kiss would be coming. Finally, after nearly six months the frog could be patient no longer and began to lose civility with its beloved radio amateur. It croaked harshly, "If you would just kiss me I'll give the rarest of all qso's. The radio amateur replied, "I have all the rare qso's but a talking frog is really cool."

### Rambling's

"If we don't believe in freedom of expression for people we despise, we don't believe in it at all."

-Noam Chomsky

He has the right to criticize who has the heart to help.

-Abraham Lincoln

Tell a man there are 300 Billion stars in the universe and he'll believe you.  
Tell him a radio has has a short in it and he'll have to touch on it to be sure.

-Who Knows

# Club Nets

| <u>Band</u> | <u>Mode</u> | <u>Day</u> | <u>Local Time</u> | <u>Freq. Mhz.</u>  | <u>Net Control</u> |
|-------------|-------------|------------|-------------------|--------------------|--------------------|
| 15 Meters   | SSB         | Wednesday  | 7:30 P.M.         | 21.375*            | AF6C               |
| 2 Meters    | FM          | Wednesday  | 8:30 P.M.         | 146.550<br>Simplex | WB6IXN             |

(Listen for W6ZE, Net Control)

\* Plus or Minus QRM

## General Meeting

February 21st  
March 21st  
April 18th

General meeting is the third Friday of each month, 7:30 P.M., at the AMERICAN RED CROSS facilities.

601 N. Golden Circle Dr. , Santa Ana, CA

Major cross streets: Fourth Street and Tustin Ave.

Talk-in frequency 146.550 MHZ. simplex.

## Board Breakfast

March 1st  
April 5th  
May 16th

Board Meeting is the first Saturday of each month at 8:00 A.M. The Wildflower Restaurant - members and visitors are welcome.

2525 N. Grand Ave., Santa Ana, CA

Exit the 5 freeway at 17th St., go east to Grand Ave. Go north on Grand; or exit the 22 Freeway at Glassell/Grand. Go south to restaurant.



Orange County Amateur Radio Club, Inc

P.O. Box 3454

Tustin, CA 92861



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