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ORANGE COUNTY AMATEUR RADIO CLUB
VOLUME XLI NO. 3 P.O. BOX 3454, TUSTIN, CA. 92781 MARCH 2000

Web Site [Http://www.w6ze.org](http://www.w6ze.org)

Here we go into another month of the Y2K. February was a banner month for OCARC as well as for Ham Radio in general.

On the local scene, Frank, WA6VKZ, ramroded a very successful event, the first NVIR antenna experiments we have had. More about that in another section of this paper. I was pleased to see that amount of participation. We had numerous members and guests participate. If we maintain the level of activity that is scheduled, with a few fill-in activities, we will certainly have the most active Amateur Radio Club in the Southwest.

I and others are working hard on a new field day location for us. They include Charles West, KB6TWA, Phil Anderson, N7PA, Bob Buss, KD-6BWH and a few people that for the life of me, I can't remember (I'm having another of those "senior moments"). Hopefully we can get the County of Orange, the City of Garden Grove, or the controlling faction for one of our ex-Marine bases to agree, that it's in their best interest to allow us access to the desired ground for 36 hours. June 24th is fast approaching!!!

At this point, none of the above are near being a sure thing. I ask that *each and every member* look around and make at least an initial inquiry if you spot a likely location. Be a salesperson! use your skill to sell them on the possible future benefit of having us practice disaster communication from their location. If they can't see a benefit, there is no reason for them to be bothered. Make them want us, not simply tolerate an intrusion into *their* space. If you make the initial contact, call me and fill me in. I can help or carry the ball from there if you need me to do so.



I have noticed a great deal of participation lately on both club nets. Our net controllers do an excellent job, and in addition to a greater member check-in, we appear to be getting a few more visitors each Wednesday evening. It would be nice if all members would check-in to at least one net each week and encourage guest check-ins. In my opinion, a major reason the nets are getting better is because of the quality of subject matter being discussed and "Newsline."

The matter of license restructuring has somewhat dominated the nets for the past few weeks and has brought a lot of commentary. During the recent NVIR event, I had the pleasure of being with a guest of the tech-plus persuasion. He explained that his rekindled enthusiasm for Ham Radio was a direct result of his being able to see that he could soon get

General Class privileges. I think that it was the best choice for the U.S. Ham.

73 Larry, K6LDC

BOARD OF DIRECTORS 2000

President.....	Larry Hoffman.....	K6LDC.....	636-4345
Vice President.....	Bob Buss.....	KD6BWH.....	534-2995
Secretary.....	Bud Barkhurst.....	WA6VPP.....	774-6361
Treasurer.....	Bob Eckweiler.....	AF6C.....	639-5074
Activities.....	Lowell Burnett.....	KQ6JD.....	997-0999
Membership.....	Chris Winter.....	W6KFW.....	543-6943
Publicity.....	Ken Konechy.....	W6HHC.....	744-0217
Technical.....	Larry Beilin.....	K6VDP.....	557-7217
Member at Large.....	Chris Breller.....	KJ6ZH.....	638-7209
Member at Large.....	Jim Winn.....	KE6UCH.....	731-2732

CLUB APPOINTMENTS

Club Historian.....	Bob Evans.....	WB6IXN.....	543-9111
W6ZE Trustee.....	Bob Eckweiler.....	AF6C.....	639-5074
RF Editor.....	Bud Barkhurst.....	WA6VPP.....	774-6361
Refreshments.....	Art Dillon.....	KE6WOX.....	997-2078
Field Day Chairman			
ARRL Liason.....	Frank Smith.....	WA6VKZ.....	838-3180
ARRL Award Managers...	Larry Beilin....	K6VDP.....	557-7217
	Art Dillon.....	KE6WOX.....	997-2078
RED CROSS Liason-----	Bob Buss-----	KD6BWH-----	534-2995

DUES

Regular Members.....\$20.00 Additional Members.....\$10.00ea
 Teenage Members.....\$10.00 Optional Club Badge.....\$5.00ea
 Dues for new members are pro-rated quarterly from January First
 each year. Family members must reside at the address of a
 regular member. Only one RF is sent per household.

Minutes of the General Meeting

Minutes of 02/18/00

Meeting called to order at 7:32 p.m. by
President Larry K6LDC

All Board Members present except
Jim KE6UCH, Lowell KQ6JD

Minutes for meeting: Passed without any
corrections

Vice President: Bob KD6BWH
Introduced Joe KOOV who will speak on
Antenna Direction Finding.

Treasurer's Report: Income 509.92, Expend
254.40 with a balance of
2611.07. Taking orders for badges
At 7.00 each.

Membership: New member R. Young (no
Call) visitor Chris KF&QB. Roster now at 33
members

Secretary: World Radio for open
reading by club members. No other
correspondence.

Activities: Jan KC6TAM will stand in for
Lowell KQ6JD.

Technical: No Report

Publicity: Ken W6HHC will make up club
flyers for Bob KD6BWH.
Web Master reported that we are running
out of space on the Web site. Brief
discussion on how to solve the problem.

Old Business: Anyone wanting a t-shirt can
contact the I Mitchel co on main st, tustin,
near El Camio Real, or,
behind Russell Tool.

Upcoming test of NVIR will use 3 stations.
Antenna some 2-4ft off of the ground. All
amateurs invited.

Will operate from 12:00noon Saturday to
12:00noon on Sunday

Freq 3955-3965 will try to check in on the
Ares net Sunday morning.

Some 2mtr will be used to assist
Distant stations to communicate.

Volunteers needed for the Baker to Vegas
Race in April. This year Garden Grove will
co-ordinate with Orange. Meeting at Orange
PD on Feb 28th at 7:30pm.

This year's race will be run in the dark
(ORG/GG start @ 6:00pm)
Reason being that Nevada does not want
any runners on the road
during nighttime hours. To top off
the runners will be grouped in 75
teams to start with, other 75 to start later.

See OCARC web site for pic's of last year's
participants.

"Not-So-DX" will be on private property near
Tomcala on the first weekend in May.

New Business: March meeting is a
Show & Tell. Bring in all your QSL
Cards, certificates of appreciation,
Licenses, Awards, or what have you.

New Business: Field Day, several club
members are checking several sites. No info
as yet.

Upcoming in August is the California Classic
Carriage Race

In Palos Verdes Hills. Set the date aside and
join the amateurs for a fun day.

Bob (AF6C) asked about having new club
QSL cards made up with
our own call sign. Just use the club emblem.
He will check with
possible printers.

At the March meeting our own
Frank (WA6VKZ) will tell us the latest on 12
volt systems. What to do and what not to do.
With the care and feeding of same.

The AZTEC restaurant for breakfast will
continue for now. Some discussion on other
sites.

Good of Club: The latest from Cindy
(KC6OPI) who is the Red Cross traveling
amateur from our
Club sent us e-mail greeting from the
Commonwealth of
Kentucky.

Quote: I left a week ago and have been having as much fun as one can have in a small town. Located to the north of Ashland, about 5 miles or so, in the Hamlet of Wurtland. Hq is in the Wurtland Fire dept. and they have been gracious host to us. Few repeaters, with hardly any use. Home soon.

OCARO is asking for help in filling the Officer's roster in order to continue doing business.

Another year has gone by and Ida Yamachika presented the club with check for \$450.
A letter of appreciation is in order.

Motion to Adjourn: At 9:45pm by
Art seconded by Jane

Respectfully submitted.
Bud WA6VPP
Secretary

The new licensing plan created a lone and limited upgrade for those who now hold or have held a Technician license or a *Certificate of Successful Completion of Examination* (CSCE) before March 21, 1987. Those individuals may claim credit for a General class license under the new system. Affected individuals will have to apply through a Volunteer Examiner test session, providing documentary proof of having completed the requirements for a Technician license prior to March 21, 1987.

The FCC has said to send requests to verify a pre-March 21, 1987, Technician license in writing to FCC, 1270 Fairfield Rd, Attn: Amateur Section, Gettysburg, PA 17325. Requests must include name, address, telephone number, date of birth, call sign issued at that time, and date of Technician license grant. "These requests must be researched on microfiche, so they will be very time-consuming," an FCC spokesperson said, adding that no one should expect an overnight response. Applicants also may contact the FCC contractor ITS Inc (visit <http://www.itsdocs.com/>). For a fee, ITS will research prior FCC licensing records and should be able to provide necessary documentary proof.

March Meeting Madness

At the February meeting, Art Dillon, KE6WOX suggested to the membership that we have a sort of special member's "Show and Tell." This is the month for it.

Art suggests that each member bring some QSL cards or some favorite memorabilia to the meeting to be displayed. Art suggests:

- ⇒ Five or less QSL cards
- ⇒ Pins from past Radio Conventions
- ⇒ Ribbons
- ⇒ Hats
- ⇒ Badges
- ⇒ Old Licenses (Novice, General, etc.)
- ⇒ Certificates such as WAS, WAC, DXCC

Hopefully, the Club Historian, are you listening BOB Evans, WA6IXN, will bring some of the club's historical items.

The items will be on display before, during and a short time after the meeting on a table for all to view.

We are attempting to hire two Dobermans, three German Shepherds and four Pit Bulls to stop or at least control the "touch - e - touch."

Please look around, everyone one must have some prized Amateur Radio item that others would be interested in. Even some old radios or components. No!!! This is not the auction!!! See ya'all there.

NVIR Experiments Outing, A Huge Success

February 26th and 27th marked a weekend of experimentation with antennas for our Orange Club. Thanks to **Frank Smith, WA6VKZ**, the ramrod for the outing, it was very successful, not only from a technical standpoint but on the enjoyment scale for all who participated.

I can speak only for the group that went to El Mirage Dry Lake (that was anything but dry). The lake bed is about 18 miles northeast of Victorville, CA. After the rain that we had, the dry lake retained the water near the surface because of the very high water table beneath the lake. This precluded us from using the lake bed itself for our base of operation.

On Friday, we found a very nice area near Mountain View Rd., just east of and adjacent to the lake bed and set up our camp. There were three of us with two RVs. At El Mirage was **Larry Hoffman, K6LDC**, guests **Charmaine Smith, KF6YOL** and **John Chamberlain, KF6DKT**. The radio operation was set-up in YOL's Shasta motorhome and the cooking etc. was set up in DKT's trailer.

We had a generator in each rig, DKT's being a nice, new 2.5 KW Honda in the bed of his pick-up and YOL's 2.5 KW Onan in her motorhome. No shortage of power here!

On to setting up the antennas. First to go up was LDC's 40 thru 10 Vertical. Mount it on a 10 foot pole, lash it to the ladder at the back of the motorhome, spread out the ready-made radials on top and drooping from the roof of the Shasta, connect the coax and, voila, it's ready!

The rig was set-up and the coax connected. Power on..... And pull in a QSO with a VK2.

Now on to the business at hand.. It was time to set up the 80 meter NVIR dipole that was designed by **Art Dillon, KE6WOX**. We used the formula from the handbook with a factor of 0.95 for the wire and came up with what we figured was the correct length of the antenna. The tripods were set-out to hold the ends and the feed point up 3.5 feet from the earth. Now we hook-up the coax and take a measurement with the MFJ259 and the resonant point is about 3.3 mhz.

We must have goofed in our calculations!. Recalc shows the same. We must need the pruning shears. Out it came, and after shortening in three inch increments and graduating to nine inch after a few tries, we were able to get the antenna reasonably resonant on 3965 khz., our scheduled frequency. WOX's

wire sure took a beating by the time we finished the pruning.

The rig loaded the antenna nicely and we looked for a signal check. We had great signals into Anza, Temecula, Las Vegas, Rancho Cucamonga and other locations at points in between, including Orange County. We're ready for Saturday's schedule.

It was time to play, and we tried some VHF and UHF contacts with repeaters as well as haunting the HF bands. Japan was strong and all hands made QSOs with Japanese stations as well as others in the U.S.

Friday night after dinner and a long conversation with Johnny Walker, we had the obligatory campfire, which was nice, and then off to the sack. Noon comes early on Saturday and we had to keep our schedule with the other teams at Anza, led by **Frank, WA6VKZ** and in Orange County, **Larry Beilin, K6VDP**, **Art Dillon, KE6WOX** and **John Dawson, WA6RND** operating individual stations.

During the night, a few vehicles were playing on the edge of the lake bed. The comment was made, someone is going to be sorry. When we awoke, John pointed out a pick-up down to the axles in the lake bed. Someone learned a simple but difficult lesson.

Noon and time for the check. 3965 khz. communication was established loud and clear without any problem. On to 40 meters. We had cut up the 80 meter antenna so badly that we had to use the vertical for 40. Frank's NVIR antenna worked, but 40 had heavy QRM and QRN along with some QSB. We were able to communicate, but not nearly as well as the results on 80 meters. The cross polarization probably didn't help either.

We set another sched for 1800 hours local and we were able to keep it with the same degree of signals as in mid-day.

Another great dinner and a campfire, then off to catch some zzzz's. Packed-up on Sunday morning, drove out of the fantastic desert weather into the L.A. basin rain, fog and general miseries. Unpack and think about out next activity.

I don't know all who participated at Anza but some were **KF6TRA, Gene, N7PA, Phil, KE6WIU, Cory, KE6UCH, Jim** and a few others whose names I didn't have an opportunity to write down. Please excuse the shortcoming.

73 Larry, K6LDC

Minutes of the Board meeting

Meeting was called to order on March 3, 00 at 8:30am by President Larry (K6LDC)

All board members present except Lowell (KQ6JD), Chris (W6KFW)

Vice President: Program for March Battery Care & Feeding by Frank (WA6VKZ)

Also note that Orange and Garden Grove will share the B2V communications in April.

Treasurers Report: Balance of \$3166.00 Bob asked to check into the cost of the RF. Eliminate the Collate and staple of the sets.

Membership: No Report

Secretary: No Correspondence

Activities: Jane (KC6TAM) resigned this date. She was standing in for Lowell (KQ6JKD). Ken (W6HHC) will fill in if Lowell is not back at meeting time. Several Field outings planned for the next few months.

Technical: No Report

Publicity: Web Master Ken (W6HHC) stated that we are running out of Web disk space.

Four plans were offered:

- 1) Keep existing 25mb plan (\$10/mo) and trim back on the number of pictures that are published.
- 2) Change to plan CH-1 with 40mb \$24.95/mo.

3) Change to plan CH-2 with 60mb \$49.95/mo

4) Buy 100mb extra disk \$20/mo

After discussion, it was agreed that OCARC would continue with the existing plan and start using higher compression for pictures and retire older Pix of club events to save disk space.

Suggestion to link QRZ to our WEB site.

Old Business: Bob (AF6C) reminded us of the old Web site set up by Bob Meecham and no longer viable. The site had several links that needed to be change. Bob has made those changes.

New Business: Frank (WA6VKZ) made a request to charge for meals at club functions. Further discussion. One idea was to use Field Day method.

Bob (KD6BWH) Asked for anyone to help the Garden Grove Team.

No body for Shuttle Vehicle. Need a loaner GPS unit.

VE testing for Ham Radio Licenses will be held on Saturday March 11th in the city of Cypress.

The EDS Unigraphics building is located at 10824 Hope St., at few buildings North of Katella. Exam begins at 9:00am.

Field Day sites are being investigated. No real progress as yet.

Not-So-DX outing planned for May 5,6,7 will be on private property, so please advise if you plan to participate.

At the monthly meeting it is suggested to bring QSO cards, Awards, certificates, old license and display them.

Tom (WA6PFA) asked for B2V help. Question came up about radio frequencies. John stated that OC Races have went to APRS For their communications.

Good of Club: Dave Hollander (WCOJ) has retired to San Jose.

Motion to adjourn made at 9:25am

Respectively submitted

Bud WA6VPP
Secretary



THIS IS CALLED "RADIO AMATEUR RESOLVING TVI PROBLEM WITH RECALTRANT NEIGHBOR"



IT'S THE NEW BENTWOOD HT450 HANDHELD WITH THE "ALL-WEEK-LONG" BATTERY PACK.

ORANGE COUNTY AMATEUR RADIO CLUB
PO BOX 3454
TUSTIN, CA 92781

2000 Application/Renewal DATE _____

Name: _____ Call: _____

Class: Novice Tech. Tech. Plus General Advance Extra

Address: _____

City: _____ Zip: _____

Phone: _____ OK to Publish in Roster? Yes _____ No _____

E-Mail Address _____

Are you an ARRL Member? Yes _____ No _____

Dues: (Prorated Quarterly from January for NEW Members Only)

Member \$20.00/Yr. \$ _____

Family member \$10.00/Yr. \$ _____

Name _____ Call _____ Class _____

Family member (Note: \$30.00 Max a year per family) *

Name _____ Call _____ Class _____

Family member

Name _____ Call _____ Class _____

Total Dues \$ _____

ARRL Dues \$ _____

Badge (\$7.00 each) \$ _____

Total Amount Paid \$ _____

How would you like to receive the R.F.? U.S. Mail _____

Off our Web Site _____

How did you hear about our club? _____

Treasurer Processed _____

Membership Processed _____

*Dues for new members are pro-rated quarterly from January First each year. Family members must reside at the address of a regular member. Only one RF is sent per household.

CLUB NETS

Band	Mode	Day	Local Time	Freq. MHZ	Net Control
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10 Meters	SSB	Wednesday	7.30 P.M	28.375*	AF6C
2 Meters	FM	Wednesday	8.30 P.M	146.550	WB6IXN

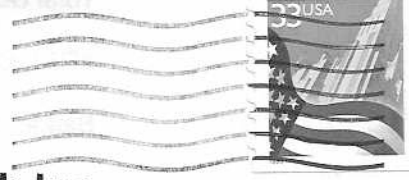
(Listen for W6ZE, Net Control) *Plus or Minus QRM

General Meeting General Meeting is the third Friday of each month, 7.30P.M.
 AMERICAN RED CROSS facilities.
 Major cross streets: Fourth Street and Tustin Ave.
 Talk-in frequency is 146.550 MHZ, simplex.

Mar 17th
 Apr 21st
 May 19th

Board Breakfast Board Meeting is the first Saturday of each month, 8.00 A.M.
 To 9:30 A.M. The AZTECA GRILL in Santa Ana.
 2525 No Grand Ave. Exit the Garden Grove FWY on the
 Glassell/Grand offramp. Go south (Left if going West, Right if
 Going East)The resturant is about 1/4 mile south of the Fwy on East
 Side of Grand. This is the old Wildflower Resturant.

Apr 1st
 May 6th
 June 3rd



Orange County Amateur Radio Club Inc.
 P.O. Box 3454
 Tustin, Ca., 92781

First Class Mail

To:

W6ZE
 OCARC
 701 KILSON DR.
 SANTA ANA, CA 92701

Your Personal Copy

**Time Dated Material
 PLEASE RUSH**

Coming Events

March Meeting
 Care & Feeding of 12volt systems
 Frank (WA6VKZ)

92701+6043

