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ORANGE COUNTY AMATEUR RADIO CLUB

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VOL. XXXIV NO. 2

P.O. BOX 3454, TUSTIN, CA 92681

FEBRUARY, 1993

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FRIDAY, February 19th 7:30 PM

Scott Bovitz N6MI

" T Hunting Methods & Procedures "

A talk and Slide Show presentation that was featured at the National Ham Convention in Dayton. Come and learn the latest Hints & Secrets

## 1993 CLUB BOARD of DIRECTORS

President..... Jane Breller..... KC6TAM .310/866-2077  
Vice President ..... John Dawson ..... WA6RND ..... 633-7469  
Secretary ..... Ken Konechy ..... W6HHC ..... 744-0217  
Treasurer..... Bob Buss ..... KD6BWH ..... 534-2995  
Activities..... Cindy Hughes ..... KC6OPI ..... 971-3448  
Membership ..... Bill DeSmith..... K6BWZ ..... 533-4379  
Public Relations ... Mel Chester ..... KM6BT ..... 637-0184  
T.V.I. Chairman ... Chris Breller ..... KJ6ZH ..... 310/866-2077  
Member at Large .. Frank Smith..... WA6VKZ ..... 838-3180  
Member at Large .. Bob Eckweiler..... AF6C ..... 639-5074

### CLUB APPOINTMENTS

Club Historian ..... Bob Evans ..... WB6IXN ..... 543-9111  
W6ZE Trustee..... Bob Eckweiler..... AF6C ..... 639-5074  
RF Editor .....  
Refreshments..... Cindy Hughes ..... KC6OPI ..... 971-3448

### DUES

Regular Member..... \$12.00 Additional Family Members.. \$6.00 each  
Teenage Members (under 20)..... \$6.00 Optional Club Badge..... \$5.00  
Dues for new members are prorated quarterly from January of each year. Family members must reside at the address of a Regular Member. One RF is sent per household.

**Dues Are Due for 1993!**  
**Also, the Club needs a new RF Editor**  
**on a permanent basis. Let a Board**  
**Member know if you wish to volunteer.**

C W NET NEWS

Jan. 1993

As indicated in R.F., the CW Net meets every Thursday evening at 8:00 PM local time, on approximately 7.140 mhz. This is not the best of frequencies because we start picking up foreign broadcasts with annoying R.F. carriers. Therefore the Net frequency ends up nearer to 7.138 mhz plus/minus from local ham signals. The first change for "93" will be to list in R.F., the Net freq. as 7.138 MHz. The second change will be the meeting time from 8:00 PM to 7:30 PM. A few of the regular QNI's have been questioned, and all agree that should be no problem. It may even have a few pluses, including better local propagation and the fact that a couple of us tend to fall asleep somewhere between 7:30 & 8:00, no call signs please. The Net normally runs from 45 mins. to an hour, so if your late, we can still pick you up. Many hams are reluctant to QNI a Net because it requires hanging around until QNF time. Please don't take this attitude, your check-in is always welcome (its just your CALL following the BK.) and you may QRT at any time.



## NET NEWS

1/6 15m phone net - W6ZE/AF6C checks in XTJ, NGO, IXN, RND, XO, & XQR. XTJ experiences 'waterlogged traffic' on his way to & from work! IXN tells OPs to be sure not to miss N6ZNC & N6UMEs' talk and demonstration on things seismic at Jan. Club meeting! NGO works all day yesterday in the garage making a part for his milling machine..Then another part broke!..So it's off to Tool Crib tomorrow to buy some more parts! AF6C collects 2.37 in. of rain from this last storm in the new rain gauge! XO, helping just married brother who was moving before Christmas, drops a speaker which breaks his toe. RND quips, "Did the speaker break, Bob!" Bob calmly replies, "NO!" XQR says all OPs but XO are weak at the QTH. IXN hears all OPs FB! XQR says Club breakfast is 1st Sat. of month, & XO says Motorcycle ARC breakfast is 2nd Sat. of month..same place..Dennys!

1/6 2m phone net - RND says that PFA will look at the ailing Club 7400A. IXN will take it to next Club meeting. W6ZE/IXN checks in XTJ, XQR, RND, RE, NG7D, VDP, QW, & ZH (TAM sacked out). XTJ tells OPs about earthquake series running in the LA Times as Jim prepares to send XQR copies. XQR says VKZ will be Feb. 'RF' editor, followed by BWZ for Mar. 'RF'. RND fixes leaky faucet in kitchen with a replacement kit for \$8 & saves himself \$40! That will help with postage on QSLs with continuing DX on 15m, T32, T28, a CO2, etc.! RE has puddles, puddles everywhere..but no water in the garage this time! Alex gives Space Shuttle freqs. for upcoming missions, the 1st 1993 mission slated for Feb. 25. And RE airs Newline. VDP comments about people's poor driving habits in the rain! And Larry says that he and KE, QW, & JPG will soon be experimenting with HF mobile ants! NG7D builds the headset boom mike from QST mag., & it works 'great guns' on the 850!..Not bad for a couple a bucks, John! QW has worked over 650 counties, and the computer program handling the load is doing great! Now Rolf litters the floor with all the QSLs he has to send out. The Post Office will love you, Rolf! Undaunted by the rain, ZH racks up Botswana & 18 more countries for the 10m DXCC. Plus, Chris just received two other DXCC certificates!

1/7 40m CW net - W6ZE/RND checks in IXN, NT, & XQR. IXN goes 15 min. into net, a drunk hits a power pole, & IXN 73s by landline. And NT talks about 'the puddle' on Goat Hill which he unceremoniously names 'Lake Goat Hill'! RND was away for two weeks & John hopes all OPs had good Holidays! IXN hears XQR's sigs FB, but other OPs copy weak XQR sigs. XQR can't copy weak sigs of IXN, NT, & W6ZE at her QTH, but Nancy landlines IXN and answers John's question: Christy, the dog, is doing fine John! She & the cats are now managing to share the same territory!

1/13 15m phone net - W6ZE/AF6C checks in XTJ, RND, IXN, VMV, NGO, ZH, & XQR. ZH pins the S meter at XTJ's QTH, & off the end of Jim's beam, too! And IXN tells XTJ that Crystal Seismometer isn't 'girgling' tonight with all the water the San Gabriel Mts. received! The rain is getting to RND!..John heard it raining when it wasn't! (IXN, too!) AF6C finds menial tasks irritating at work, and with all the rain, VMV wonders what the 'Hills of Silverado Canyon' have in store for the QTH!..7 in. of rain already! NGO wishes all the puddles would dry up, but undaunted, Kei cuts a keyway in a shaft in the shop! ZH &

TAM get 'Nancy mania' and get themselves a cocker/terrier which they promptly name 'Charles Quincy'..CQ for short!! Hot dog!..A 'ham dog' for a ham family! And XQR, just back from walking her dog, says 'Hi' to everybody. IXN & XQR remind all not to miss the excellent Club program on seismology Fri.!



1/13 2m net - W6ZE/IXN checks in NG7D, XTJ, HHC, ZH & TAM, XQR, RE, VDP, RND, QW, PFA, OPI, BWH, & KE. NG7D records 11 in. of rain since 12/29! And all evaporated water from the pool has been replaced by Mother Nature! John installs a digital recording unit in the 850. XTJ helps a friend get his VHF rig on the air, & Jim said the San Gabriels got 7 in. of rain in one day! HHC & family take the annual ski trip to Mammoth. They follow the snow plow out of the condo driveway & get home without incidence. Now Ken is playing with the new 200 MB drive. And XQR tells Ken how fast he'll fill it up with Windows 3.1! ZH & TAM tell us that 'CQ', the new dog, sleeps in the shack! No doubt ZH will train the dog to take CW! And Jane & Chris no longer have any wall space left for all the DX QSLs! XQR's dog definitely plans to exercise Nancy frequently..The dog had Nancy out for a walk tonight! RE digs a diversion ditch for the rainwater..It works!..No water in Alex' garage! And Alex relays the demise of the 'earthwinds' balloon project to OPs..It crashed minutes after liftoff, no one injured! And Alex relays freqs. the New England QRP Club will be operating on Sat., Jan. 16. RE mentions the Hong Kong prefix, VS6, will be phased out by 1997; the new prefix is VR2. And Alex aired an interesting Newline. QW & VDP will do some antenna experimenting, & VDP uses rainy period to clean up surplus radio parts. RE also mentions that Czechoslovakia will become the Czech & Slovak Republics; good news for DXers! After listening to XQR, ZH, & TAM talking about their dogs, RND quips, "This Club is going to the dogs!" John says his Bishop son has now become his Boise, Idaho son..Much longer drive for a visit now, John. IXN doesn't know much about Idaho earthquakes! And John attends an Orange Emergency Group session, hears a RACES speaker with interesting gadgets, & will try to sidetrack him to a future Club meeting! QW will take night school to learn more about Windows 3.1! And Rolf 'plays radio' before going to work & gets about 35 contacts per day toward the WAC award..Oh well, as you know, early to bed & early to rise...!! PFA's dog, Max, can carry a basketball in his mouth! Not to be outdone, ZH says he has a smaller basketball that 'CQ' can carry in his mouth! OPI likes cats better than dogs, and Cindy busies herself trying to keep harmonic, Melissa, from being attracted to every rain puddle like a magnet. In the meantime, Cindy finishes her test session paper work! BWH tells IXN that careful construction on the in-law's house in Yucca Valley has paid off in the recent earthquakes...Very little damage! KE enjoys the rain hitting the glass enclosed patio as he puts together a novice CW rig, an HW-99 from Heathkit. And Carmine continues to get his packet gear, modem, & antennas ready to work OSCAR satellite DX.

1/14 40m CW net - W6ZE/RND checks in IXN, NT, & XQR. IXN flies in & flies out. Bob is counting ballots with the election committee of the Orange County Astronomers to determine the 1993 Board of Directors for the Club. ZE, NT & XQR all have good signs at IXN's QTH tonight.

1/20 15m phone net - W6ZE/AF6C checks in NGO, IXN, XTJ, & RND. NGO reports on a high Santiago Creek, with Irvine & Villa Park dams both releasing water! And Kei misses the inauguration, but gets the milling machine & the Shaper both working! IXN tells AF6C that the moving Anaheim Hills is not surprising..All of CA. is slowly moving westward anyway! XTJ has a problem with the car battery during the bad WX, & IXN & RND can't hear Jim tonight! And John lets it rain as he enjoys the football games over last weekend! And AF6C talks about a need for a local band plan before the 'Big One' arrives!

1/20 2m phone net - IXN gets a landline during check-ins and skips over AF6C on the check-in list! IXN doubly apologizes, Bob! (2nd time, too!) W6ZE/IXN checks in XTJ, OPI, AF6C, ZH & TAM, RE, RND, VDP, QW, KB6RRX, KC6ROJ, & BWH. RRX, Doug, checks in from Alta Loma, & Gene, ROJ, from ?. IXN forgot QTH.! XTJ just misses the Lake Forest tornado while travelling on the Freeway, & Jim says his sister in the Bay area is getting a taste of our WX. IXN's windshield wiper blade almost blows away in the wind & rain. And OPI says the kids & an ailing ONZ are in bed! Cindy participates in R. C. damage assessment in Silverado & Modjeska Canyons over last weekend. OPI announces that City of Anaheim will hold a complete community meeting on 1/24.



between 1:30 - 5 pm. OPs are needed! ZH, wid CQ on the floor and TAM in the background, says he has QSLs in frm Lord Howe Is. & Tanzania..just 4 more cards fer 10m DXCC! RE lends assistance twice to the R. C. during the last rains, wid Laguna Beach communications breakdown!..Only hams cud get thru! And Alex records 18 1/2" of rain so far. RE tackles the taxes, airs Newline, gives dimensions of QSL Bureau's envelopes: 5 1/2 x 7" (Champion K-35). RND has gud drainage around his property, & John voices dislike of malicious interference & bad language on the bands! VDP receives his DXCC print out, & Larry expects his award to follow shortly! QW's rented house at Big Bear suffers 1st floor flooding, so Rolf is off to the mountains this weekend. And Rolf stands at 1100+ counties worked so far! BWH records 6.75" of rain fer Dec., & 14" fer Jan. so far in Garden Grove!

1/21 40m CW net - W6ZE/RND checks in IXN, NT, & ZH. We agree wid RND that 7:30 pm wud be a better net time. All OPs were glad to see the sun visit once agn. And IXN & RND note a drop in NT's sigs as Ray says he has ant. troubles. RND takes advantage of the nice WX to mow the lawn (IXN, too!). And IXN asks Ray fer copies of any old NARSmen rosters he might hve lying around. ZH works a T 31 in central Kiribati, & ZE sends 88s to Jane as he closes the net!

1/27 15m phone net - W6ZE/AF6C checks in XTJ, NGO, IXN, & RND. XTJ is busy at the computer installing & testing Packet Gold. NGO gets the tractor & weedeater in shape & tells OPs that HHC is not yet on 15m! AF6C tells IXN that aerospace industries suffer from the lengthy rate wars in the commercial airlines resulting frm de-regulation. And RND gets a surprise BD dinner at the Mining Co. in Orange, wid family & friends, ofcourse.

1/27 2m phone net - W6ZE/IXN checks in TAM & ZH, XTJ, RE, VDP, QW, RND, & PFA. IXN tells OPs abt memorabilia abt the NARSmen he's been receiving frm Ray, W6NT, fer the Club history. And TAM checks in fer ZH (on landline). ZH & TAM both hve colds, but CQ is just fine! Chris works a UM8 in Turkistan, and AH1A, Howland Is. Wid the dual port Packet Gold for VHF/UHF installed, XTJ will work VHF & UHF simultaneously! IXN hears XTJ armchair copy on 15m; but Jim can't pull IXN out of the

QRN! Besides weed chopping & apricot tree trimming, Alex airs Newline & gives OPs some operating freqs. fer upcoming DXpeditions. VDP chases AH1A arnd the bands, but Larry doesn't make contact..YET!! QW will try fer the Howland Is. in his spare time, & Rolf has 1348 counties worked at present! RND, another birthday tucked under his belt, kicks bk to read his latest CQ & QST mags. ZH has the schematics & manule fer the Club 7400A which he will deliver to PFA, as Tom now has plenty of attention in the shack wid 3 dogs looking on! (The harmonic's dog is visiting!) And Tom eagerly awaits his mixed DXCC, 10m DXCC, & phone DXCC certificates!

1/28 40m CW net - W6ZE/RND checks in IXN, NT, & KE. IXN soaks up all this summer-like WX wid glee! And IXN tnx NT fer all the NARSmen memorabilia fer the Club history. And KE sounds FB on the old HW 9! Carmine now busies himself wid the 9600 baud TNC. Maybe KE will get sum more rain before he's finished!..Hi..Hi! NT & RND plan to 'kick back' fer upcoming Super Bowl Sunday, getting all chores done arnd the QTH so they hve 'peace & quiet' frm the XYLs!

General Meeting Minutes  
January 15, 1993

Meeting was called to order at 7:42 pm. Board members absent: Secretary, Ken, W6HHC and Member at Large, Bob, AF6C.

OLD BUSINESS:

Orange Coast Radio/Control Club.

Two messages have been left for them. We have received no answer to either message. Jim, N6XTJ, reports that they may need just a couple of stations for communication purposes, possibly six communicators, for May 15 & 16. The rally is a 50 mile course. If anyone is interested, let a Board Member know. Selling raffle tickets for this event was also mentioned to the general membership. We would keep fifty cents for every ticket sold. No action taken.

RF.

Nancy, N6XQR, has resigned as editor of the RF. We are still looking for a new editor.

Audit.

Committee reports that the audit is not finished yet. A couple of things are still being checked. Proceeds from auction still being reviewed.

Field Day.

Cindy, KC6OPI, has mentioned a couple of local schools. Permission must be granted from the school itself, not the district office. We need to check about being able to dig holes for the antennas. Still open to other sites.

2 Meter Rig.

Bob, WB6IXN, will bring Club's two meter rig over to Tom, WA6PFA to be checked on Sunday, Jan. 17.

Trailer Committee.

Bill, N6EDY, read letter of solicitation for donation of trailer. Motion to approve. Seconded. Letter approved with changes made.

CORRESPONDENCE No correspondence.

TREASURER'S REPORT

As of January 14, 1992:

\$36.00	petty cash
\$437.91	checking
\$1,111.73	savings
\$1,585.64	Total funds

MEMBERSHIP

We have 15 members plus the sign ups tonight.

TVI

No reports of TVI, except at own residence.

NEW BUSINESS

No new business.

GOOD OF THE CLUB

Alex, W6RE, read bulletins concerning Czechoslovakia. New calls recognized: OK and OM. W1AW will be running QRP.

Cindy, KC6OPI, mentioned a need for platelets for Marlaine McCain at St. Joseph's Hospital. These are also needed by C.H.O.C. constantly. Jane, KC6TAM, explained the procedure, and what platelets are and do.

Field Day is June 26 & 27 this year.

Rolf, KK6QW, received QSL card from India. It took 1 year to arrive. Tom,

WA6PFA, has schematics for Crystal signal quieting, if anyone is interested.

GUEST SPEAKER: Dorothy Darby, N6ZNC and Jerry Darby, N6UME, presented program on "Hams Involved with Seismology" and "Public Seismic Network."

Meeting adjourned 9:37 pm.



MINUTES OF OCARC BOARD MEETING - 23-JAN-93

- \* The Board Meeting was held at the QTH of Jane/KC6TAM. Present were Jane/KC6TAM, Bill/K6BWZ, John/WA6RND, Chris/KJ6ZH, and Ken/W6HHC.
- \* Ken/W6HHC reported that the Financial Audit Committee had begun work on 7-JAN, but had not yet completed the audit. It was expected that the Audit Committee would be completed by the next Board Meeting.
- \* Ken/W6HHC reminded the Board that Kei/W6NGO had recommended starting up the OCARC's generator at least once every month. Jane/KC6TAM would make contact with the current trustee for the generator, Gary/KD6JBS, in order to organize a visit to the generator to assess its current condition. A trip would be planned for after the Club's monthly breakfast if possible.
- \* There was a general discussion about beginning preparations for this years FIELD DAY. Topics included searching for possible Field Day sites, and different band plans. Jane/KC6TAM reported that Larry/K6VDP had indicated an interest in providing leadership in organizing a band plan. It was agreed that this year, BAND CAPTAINS needed to take more responsibility to organize the workers for their BAND.
- \* In order to improve the number of members that can be seated, a different location for the OCARC monthly breakfast was discussed. Bill/K6BWZ agreed to look into the Phoenix Club in Anaheim.
- \* Jane/KC6TAM reported that she planned to attend OCCARO meetings (an organization of Radio Clubs in Orange County) this year.
- \* The OCARC used to maintain a plaque that shows all awardees of the clubs "GOOD OF THE CLUB" award. The plaque is now full and the Board voted to retire the plaque into the custody of one of the awardees on the plaque. The retiring of the plaque will be announced at the next club meeting.
- \* The OCARC is still looking for a full-time editor for the "RF" newsletter. Jane/Chris volunteered to edit the "RF" for the month of APRIL.
- \* The OCARC constitution needs to be distributed to new BOARD members. Ken/W6HHC agreed to packet the text to Bill/K6BWZ who will clean it up and make copies.

MINUTES OF OCARC BOARD MEETING - 06-FEB-93

- \* The Board Meeting was held at the Denny's Restaurant. All Board Members were present except Bill/K6BWZ and Bob/AF6C.
- \* Larry/K6VDP has agreed to be BAND-PLAN Coordinator for FIELD DAY this year. Tom/WA6PFA agreed to be BAND CAPTAIN for 10 METERS.
- \* Bob/KD6BWH reported that the club currently had \$480.64 in Checking and \$1,189.25 in Savings and \$72.00 cash-on-hand.
- \* Ken/W6HHC reported that the Financial Audit committee had completed the review of the OCARC 1992 FINANCIAL REPORT (printed elsewhere in this issue of RF). During the year, the club's financial assets had increased by \$10.65. At the end of 1992, the OCARC had \$336.32 in Checking and \$1,181.73 in Savings for a total of \$1,518.05
- \* Dave/W6COJ lead a discussion about soliciting revenue for advertisement in the OCARC newsletter. No action was taken.
- \* The Board reminded everyone that the OCARC is looking to identify someone who is interested in being a full-time editor for our newsletter. Mike/K6KAA announced that he may have interest beginning in JULY.
- \* Jane/KC6TAM reported that she had only traded "answering machine messages" with the trustee of the OCARC generator, Gary/KD6JBS in Yorba Linda, and had not yet arranged a visit to the generator to assess any maintenance work that would be needed before FIELD DAY. Kei/W6NGO advised the club that one of the 5 gallon Fuel Tanks would need to be replaced.
- \* The report from the membership chairman was that 23 members had paid up as of 01-FEB-93.
- \* There was a general discussion about what ways John/WA6RND could consider thanking our guest speakers at OCARC meetings. Ken/W6HHC agreed to contact Jim/N6JSV about "Appreciation Certificates" that had been used in the past.
- \* Cindy/KC6OPI announced that a "PIZZA PARTY" was planned for Saturday, 20-FEB (the day after the OCARC meeting).



Beginning Checking 352.69  
 Saving 1154.68

OCARC 1992  
 PROFIT & LOSS STATEMENT  
 1/ 1/92 Through 12/31/92

OC1992-All Accounts 2 /3 /93

Category Description	1/ 1/92- 12/31/92
<b>INCOME/EXPENSE</b>	
<b>INCOME</b>	
ARRL Income	284.00
Auction In	2,063.12
Badges In	217.00
Campout In	242.00
Decal Sales Income	93.00
Donations In	40.00
Dues - Family	120.50
Dues - Membership	1,320.00
Interest - Checking	15.62
Interest - Savings	27.05
Raffle - Regular Monthly	944.81
Raffle - Special Prize	990.00
Refreshments In	434.05
Refunds	65.35
Xmas Party In	870.00
<b>TOTAL INCOME</b>	<b>7,726.50</b>
<b>EXPENSES</b>	
ARRL Exp	256.00
Auction Exp	1,757.95
Awards	31.00
Badges Exp	252.95
Bank Svc Chg	132.28
Campout April	507.69
Donations Exp	42.51
Field Day Food	212.93
Field Day Other	193.51
Insurance for 1993	259.00
Newsline Tape	51.73
PO Box Rental	35.00
Raffle Reg Monthly	959.07
Raffle Special Prize	238.00
Refreshments Ex	387.54
RF Postage	670.48
RF Printing	29.00
Supplies	580.93
World Radio	64.65
Xmas Party Exp	1,053.60
<b>TOTAL EXPENSES</b>	<b>7,715.82</b>
<b>TOTAL INCOME/EXPENSE</b>	<b>10.68</b>

APPROVED  
 RSR - WGHHC  
 6-FEB-93

Bob Buss

OK  
 Bob-AFLC  
 4/4/93

Ending Checking 336.32  
 Saving 1181.73

**GENERAL  
MEETING**

February 19th

March 19th

**BOARD  
BREAKFAST**

March 6th

**CLUB MEETINGS**

General Meeting is the 3rd Friday of each month at 7:30 PM  
Anaheim Emergency Operations Center

909 East Vermont, Anaheim, CA

West of 2nd set of railroad tracks.

A big antenna is in front with a red light on top.

Vermont runs east and west between Harbor and State College  
Vermont is north of Ball and south of Lincoln

Board Meeting is the 1st Saturday of each month at 8:00 AM  
Denny's Restaurant -- Members & Visitors are welcome  
2314 E. Seventeenth Street, Santa Ana, CA (714) 543-0872  
2nd building west of the 55 freeway, south side of 17th

**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	Wed	8:00 PM	21.375*	AF6C
2 Meters	FM	Wed	8:30 PM	146.550 simplex	WB6IXN
40 Meters	CW	Thur	8:00-PM	7.140*	WA6RND

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

ORANGE COUNTY AMATEUR RADIO CLUB, INC.  
P.O. Box 3454  
TUSTIN, CA 92681



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Please Rush!!**