### ORANGE COUNTY AMATEUR RADIO CLUB

VOL. XXXV NO. 2

P.O. BOX 3454, TUSTIN, CA 92682

FEBRUARY, 1994

# The Prez Sez By Chris KJ6ZH

The February meeting will feature Carmine AB6KE and yours truely giving a talk on how to get on satellites for cheap. If you have a dipole and a fairly new HF rig (about 7 years old or less) you can work RS-12 and if you add an all mode 2 meter rig you can get on RS-10.

From the world of DX, Peter I Island is on the air until around February 16th. With most of the pile ups gone, I have heard some OPs working them with 5 watts! If you have ever thought about working DX (and what ham hasn't), you need to work them even if you have to beg, borrow, or liberate an HF station since it may be years until another DX pedition goes to the island again.

For you VHF enthusiasts, I hear that there will be a VHF Conference in Cerritos in the next couple of months. There will be talks on experimenting on the frequencies ending with GHz, as well as other modes that take place on the VHF/UHF/SHF bands. This should be interesting.

I hope everyone made it through the tornadoes that hit Orange County. Alex W6RE and Jim N6JSV suffered some wind damage to antennas. You may want to give them a call to see if they need any help getting antennas put back together.

Well that's all from here. 73 and we'll see you at the meeting!

Chris - KJ6ZH President

RF -

# THE LIGHTER SIDE OF EMERGENCY COMMUNICATIONS

by Cindy, KC6OP1

During the January 17, 1994 Earthquake, I had the fun tasks of: helping to staff the Orange County Chapter of the American Red Cross Communications Room; drive supplies up to Pasadena; take vans up to the Los Angeles Chapter on Wilshire (try this one at night!!); provide communicators from the Orange County Chapter to Los Angeles Chapter and provide communications at both Belmont High School and Los Angeles Chapter Headquarters.

Of the above tasks, the most interesting one was providing communications at Belmont High School. Others communicators who helped at Belmont Shelter were: Gordon West, WB6NOA, Joe Fahey, KA6LPZ and Jere Greene, KE6AAZ. I found out early in the assignment that it would be better to find a translator to talk to those who wandered into the communications area looking for the nurse or Pampers, then try to tell them that the nurse and Pampers had moved to the other side of the shelter.

Communications Cont. on page 2

Communications cont.

In working a shelter operation, the Manager's opinion of what they want to handle, as far as communications goes, makes the communications task fun, or, very trying. I experienced both situations. The daytime manager, a local volunteer from Woodland Hills, Harold Venger, insisted on handling all communications himself, and told me that he really didn't need a communicator, since he had a cellular phone. The night manager made my role as a communicator easier. I had the privilege of working with a New York fireman, Mike Kaner, who let us do our job of handling communications. He would turn over the cell phones and other communications equipment, and not worry about missing any messages. Sometimes he had to be hunted down for phone calls, but, that's part of the job of communications.

The types of communications that you handle can lead to some interesting ways of communicating, especially when there are certain procedures that you have to follow. We try not to transmit sensitive information over the air, but finding a secure landline is not always easy. Especially when you don't have any landlines, or a payphone nearby, and the neighborhood is not the best one to be walking around in at night alone looking for a payphone.

Nighttime seems to be when the shelter is busy and that means communications is busy also. There are calls made for supplies and food. Calls are also made to police departments, school security, taxis, security forces, custodians, paramedics, and hospitals. Finding a pharmacy that is open at 0214 in a city you know nothing about and don't have a yellow pages for, or a phone, is always good for a few laughs. The E.O.C. or Communications Room love playing operator/directory assistance for you when they can find the right phonebook.

You learn quickly how to operate many different kinds of communications equipment.

You also learn to have some other kind of power source when the equipment goes down, and you find that Logistics didn't send you anything to recharge the equipment with other than a cigarette lighter adapter.

At night when things are quiet, you start looking for ways of staying awake. Your attention starts to wander, and you flip through the frequencies that are programmed into the radio and try to find someone to keep you company. Sometimes, you will get the attention of some of the youth volunteers who are interested in your gear. They ask all kinds of questions about what you are doing, about the radio, or how to get a license. What a great recruiting opportunity for you, or introduction to ham radio for them. Of course, you are allowed to doze, because you eventually will.

On the more serious side of communications, there are many things to remember when you are activated. Having the proper gear is a must. Sometimes you don't know where your assignment is going to be until you arrive at headquarters, and go through staffing. It is usually best to take along both portable and mobile/base equipment on that first day. After setting up, you can get reports and make adjustments accordingly. If you find that you have extra gear that you don't need, you can leave it at home. This is better than having to go home and get the right gear to start with. If you can do cross-band repeating, this is to your advantage to do so. You can then be at freedom to follow the shelter manager around and be able to communicate with base at the same time.

Your sense of humor is also a good tool to have on hand. If things are going to go wrong, they will. Mr. Murphy never takes a day off, even in a disaster.

Keep a good written log. This can be done on a palm-size computer, notebook paper, or steno pads. Your shelter manager will look forward to a copy of the log if it is current and has some of the details of

## **CODE PRACTICE ON 2 METERS?** YES, MONDAYS AND TUESDAYS AT 8:00!

Gordon West Radio School offers code practice every Monday and Tuesday evening at 8:00 p.m. on 2 meters. The frequency is 144.330, simplex.

This interactive net will ask for read-backs, too, so it is truly a Morse Code class on the air.

Monday nights at 8:00 p.m. on 144,330 MHz is code for beginners. Learn the code, and practice at 5 wpm (character rate 15 wpm).

Tuesday nights at 8:00 p.m. on 144,330 MHz is General code practice from 5 to 13 wpm (character rate 16.5 wpm).

Join Gordon West, WB6NOA. and Bob Gregg, AB6CH, for an hour-long MCW class that is punctuated with fun code copy, read-backs from the licensed listeners, and tips on how to prepare for that upcoming code test.

The 2 meter simplex signal is heard loud and clear throught the Southland from the WB6NOA remote high atop the Palos Verdes Hill. Guest code senders are always welcome, and please contact Gordon West Radio School for details on how to access the cross-band input.

for additional details.



### Minutes of General Meeting 1-21-94

Meeting was opened at 7:40 p.m., January 21, 1994. Members present: President - Chris, KI6ZH: Vice President - Jim, N6XTJ; Secretary - Carmine, AB6KE; Treasurer - Don, KC6ONZ; Activities - Jane, KC6TAM; Membership - Bob, KD6BWH; Public Relations - Billy, ; Tech Committee - Larry, K6VDP; Member-at-Large -John, WA6RND.

Larry, K6VDP is the guest speaker. He will speak on antennas, feed lines, tuners, etc.

Business meeting started at 9:00 p.m.

Treasurer's report: Bank balance: \$835.55.

Minutes cont. on page 7

# 94 Board of Directors

, axaxxa
President Chris Breller KJ6ZH 310 866-2077
Vice President Jim Roberts N6XTJ
Secretary Carmine Florello. AB6KE 837-5133
Treasurer Don Hughes KC60NZ 971-3448
Activities Jane Breller KC6TAM 310 866-2077
Membership Bob Buss KD6BWH 534-2995
Public Relations Bill Hall N6EDY 546-9029
Tech Committee Larry Beilin K6VDP 557-7217
Member at Large .John Dawson WA6RND 633-7469
Member at Large .Ken Konechy W6HHC 744-0217

Club Historian	Bob Evans	WB6IXN	543-9111
W6ZE Trustee			
RF Editor			
Refreshments		****	

Regular Member\$1	2.00	Additional Family Members \$6.00 each
Teanage Member	6.00	Optional Club Badge 5.00
Dues for new members are	prorate	ed quarterly from January of each year.
Family members must reside	e at the	e address of a Regular Member. One RF
is sent per household.		

### RF FEBRUARY 1994



# NET NOTES By Bob Evans, WB6IXN





1/5 2m phone net - W6ZE/IXN checks in RE, ZH & TAM, CGR, RND, NG7D, VDP, QW, ESD, & BWH. IXN, RND & XQR all participate in strait-key nite New Year's Eve. RE concentrates on the FB games over the Holidays, alerts OPs of New Jersey's plans to tax all rf radiation devices in the State, airs an interesting Newsline, & gives IXN name of Janice E. Hougland, People's Republic of New Jersey, New Jersey Dept. of Environmental Protection CN 402, Trenton, N.J. 08625-0404 to contact concerning the New Jersey RF problem. ZH contacts BB9, Pratas Is., plays wid the computer, reminds all of Board meeting Sat., & tells OPs TAM's back still gives her truble frm the auto accident. VDP helps CGR repair the antenna & Mike has vv gud sigs tonite! RND is finally getting over the flu bug, & John plays a gig NY's eve. John will get VP gear to XTJ at the Club breakfast Sat. NG7D finishes the QRP design schematic & will submit it in the QRP contest. Gud luck, John! VDP refurbishes an old Ringo Ranger ant, and runs into a dis-similar metal welding problem! And Larry proposes a small modification, concerning elections, to the constitution. QW & IXN both visit their dentists. Returning home, QW, still numb, decides to eat. Wid a swollen lip, Rolf bites himself and discovers that he tastes 'rather delicious'!! Now Rolf moves on to constructing a super CMOS CW kit. ESD does yard work, trims palm trees, & tells RE that New Jersey must be 'revenue hungry'! BWH checks in KM6TL frm the 'packet' scene. And Bob relays RND's request fer XTJ to be at the Club breakfast Sat. Tnx, Bob!

1/6 40m CW net - W6ZE/RND checks in

IXN & NT. RND gets a call frm a ham in Conn. & 40m is wide open on the East coast tonite! And NT now has 5 horses on the Hill! Wid the daughter busy training them, will Ray start a riding stable, or maybe, a dude ranch?! Stay tuned!! IXN busies himself wid documents in preparation fer a Social Security interview. NT gets 7 QSLs frm Navassa, & IXN says Ray ought to start a fertilizer business wid all the horse 'biscuits'!

1/12 2m phone net - W6ZE/iXN checks in BPX CGR, ZH & TAM, RE, NG7D, ESD, BWH, TL, VDP, QW, & XTJ. BPX gets the grass mowed & watered plus a load of brush frm the trees while preventing himself being blown away by the SA winds! CGR purchases a Yaesu 757 LF rig & now enjoys the low bands while learning his CW. ZH & TAM experiment wid an 80m loop ant, in an attempt to overcome the noise level. And Jane continues physical therapy fer the aching back! RE's XYL experiences stomach pains but docs can't find any problems, Alex copies ARRL bulletins on 18.102.5 MHz, telling OPs that 20m comes & goes. RE airs an interesting Newsline, too! NG7D gets the QRP rig design entered in the Contest as John prepares for the 1st Class license! ESD spends Mon.-Wed. 'tripping the light fantastic' in Laughlin, NV.! And TL is on the side at BWH's QTH tonite. BWH checks out the National Traffic System, & TL tells OPs XYL, Anita, QQ, is now a VE. VDP tells OPs the Rio Hondo Swap Meet may move to Rockwell in Seal Beach. Larry will keep us informed! QW gets the CMOS super-keyer put together, gets a couple of fillings out of the dentist, & will soothe the sore gums wid sum hot coffee!...No new counties lately!! XTJ, bk frm a shooting event, joins us, cross-banding wid a repeater, frm a restaurant, IXN later eavesdrops on XTJ & XQR on the TWF Super System!

1/13 40m CW net - W6ZE/RND checks in IXN.

Net Notes cort.

NG7D, & NT. RND misses 2m net. John felt lousy! And John looks out on the patio this evening to be greeted by 1/2 of the dipole draped over it! SA winds loosened a pulley on the telephone pole! IXN says XQR can't join us tonite. Nancy just took dinner off the stove. NG7D & VES spend the afternoon at the Good Guys looking at tape decks. John pays for one, goes to pick it up, none left in stock, NG7D gets money bk, & changes name of store to 'Bad Guys'! If you hve a truck, NT's got the manure! Ray's new horses are acclamating to their new home, & Ray has plenty of 'horse biscuits' to dispose of!

1/19 2m phone net - W6ZE/IXN checks in RE, XTJ, ZH & TAM, ESD, NG7D, BPX, VDP, QW, RND, & OPI. BPX will celebrate his 88th BD this Sat. wid a family dinner at the QTH. Wyatt, & all OPs spend much time watching cleanup of the destructive 6.6 Northridge EQ that took place at 4:30 am on Jan 17! RE's brother leaves CA fer Ohio abt 3 hrs before the EQ, to arrive bk in Ohio to subzero WX! RE transfers NTS traffic frm W1 land to the Red Cross, and airs an interesting Newsline. After the EQ. XTJ heads up to the DCS (RACES) facility in Lakewood, and Jim works there the whole day. Wid the speaker unable to make Fri. meeting, VDP tells XTJ he will fill in! Tnx, Larry! ZH & TAM suffer cracks in the stucco, and a broken window frm the temblor. Wid repairs quickly made, TAM prepares brownies fer Club meeting Fri., & gives OPs a sneak preview of sum goodie prizes fer the raffle! And Chris will try a 40/80m vertical as he battles a QRN problem at the QTH! ESD weathers the EQ in Cerritos! Bob finds all OK at the QTH when he gets home. And ESD is STILL RECEIVING 2 RFs!! IXN talks abt thrust faulting along the Elysian frontal system. NG7D's new double stereo cassette deck works FB even during the

aftershocks! VDP, on jury duty, experiences an aftershock on the 10th floor of the courthouse bldg.! And Larry tells OPs of an upcoming yearly VHF Conference in Cerritos. More info. later! QW says the 6.6 in Northridge was mild compared to the 5.4 that knocked Rolf to the floor in Big Bear! RND tells IXN that Tues. & Wed. OC Register has gud EQ articles. And John & XYL ride out the quake in a hallway & watch CH 4 & II fer news. And OPI tries to find 50 communicators fer the Red Cross in the disaster area.

1/20 40m CW net - W6ZE/RND checks in IXN, NG7D & NT. IXN sends neighbor, asking questions abt BASIC programming, home just before net. Bob will see her tomorrow. NG7D receives gud news!..His schematic fer the QRP rig will be published in a future issue of the QRP magazine! NT & RND congrat. John on his success! And NT says the quake was scary and was probably hard on the horses, although they didn't make a sound! IXN leaves net at 8 pm fer another CW net.

1/26 2m phone net - W6ZE/IXN checks in RE, ZH & TAM, BPX, NG7D, BWH, QW, VDP, WONFW, CGR, OPI & XTJ. We hve 2 aftershocks during net tonite! And RE forgets abt meeting last Fri. eve..RFs were not mailed due to the 6.6 EQ in Northridge! Ralph tells DXers if they need the Sovereign Military Order of Malta, listen between 1/21 & 1/31 fer IO calls! TAM is 'grounded' fer a month by her Doc..Her back is still ailing! ZH & VDP pick up QSLs frm Mellish Reef, & Chris says 20m was open tonite! NG7D talks wid XO earlier, & now John awaits the publishing of his QRP rig schematic in QRP magazine nxt month! NFW, George, breaks into Net to ask OPs if anyone knows of a 2m amplifier fer use in a backpack. NG7D & VDP offer George sum tips. IXN gives freq. fer CTCSS monitoring of Crystal seismometer fer events above mag. 3. QW has 80 Counties to go fer the WAC. QW, IXN & OPs enjoy VDP's talk on ants. at last meeting! And Rolf needs a MFP102 transistor fer a QRP rig. VDP

Net Notes

completes a 2m J-pole ant. for \$13.30, and its flast across the 2m band! BWH tells OPs that the 1st

event during net was a 3.2 3mi. ESE of Newhall. Bob was a late check-in due to NTS traffic. CGR checks in on the handheld frm the auto. And from the base station in the QTH, Mike tells OPs he enjoyed the eyeballs at the meeting. OPI doesn't hve time to think wid the RC 🚕 emergency traffic resulting frm the Northridge EQ! And Cindy tells OPs that the RC is in desperate need of more OPs! XTJ says things are a bit hectic in LA County after the big shaker. And Jim needs a diagram of a circuit to convert Crystal seismometer sigs to drive a pen recorder. IXN reminds Jim of the PSN BBS in Pasadena.

1/27 40m CW net - W6ZE/RND checks in NT, NG7D, & IXN. IXN listens to aftershocks on Crystal Seismometer and checks into net late. RND has a BD today. John is -... — yrs young! NT's family is eating widout Ray. He'd rather play CW wid the net! Ray says OP sigs are weaker tonite. NG7D operates QRP wid 1 watt out on the TS-850, & John has another new design fer a QRP rig. IXN QRTs to another net.

YOUR NEWS

COULD BE

HERE



Communications cont.

what has happened in communications. You can also make notes of any activity that is going on in the shelter that might be useful later to the manager for his paperwork.

Communications at a shelter will eventually close down, and you will find that your services are no longer needed as a communicator. At least not at the shelter level. If you are a Red Cross volunteer, you should consider taking another class to add to your talents and still be able to use your radio. Damage Assessment is another avenue to consider when adding to your talents with Red Cross. We try to make sure there is a communicator with a team that goes out with this function.

73 8

Minutes cont

MEMBERSHIP - Membership reports that there are 29 paid members, 18 of which are renewals.

BY-LAWS - Nothing done yet. We need to publish the By-Laws in the RF.

AUDIT - Books were audited by, Bob, KD6BWH; Jane, KC6TAM; Cindy, KC6OPI; and Don, KC6ONZ. All was OK.

SIGNATURES - Signatures on bank accounts were transferred after the last breakfast meeting, 1-8-94.

TRAILER COMMITTEE - Frank, WA6VKZ, is overseeing the trailer committee. There are no volunteers on the trailer committee yet.

PUDDLE DUCK - Cindy, KC6OPI, has a Puddle Duck Award for those who participated in the "wet" campout. Those who received the Puddle Ducks: Frank, WA6VKZ; Chris, KJ6ZH; Jane, KC6TAM; Don, KC6ONZ; Cindy, KC6OPI, Patrick, KD6FZE (there were also certificates for the kids who went on the campout). Bob, KD6BWH, will give: Bob, KM6TL; Anita, AB6QQ; and their kids.

### NEW BUSINESS:

NEW JERSEY: New Jersey has a new tax on transmitters/antennas. They will charge \$500.00 per transmitter/antenna or anything that radiates RF.

Names/addresses of individuals to write to will be published in a future RF to help voice your disapproval on this subject.

ARRL DUES - If you need to renew your ARRL dues, you can do through the club. We will receive a rebate from ARRL for each membership renewed through the club.

FIELD DAY - Discuss: What class do we want to run this year. We will write to Tustin Marine Air Station to see about using the base again this year for our site. We are also looking for volunteer Band Captains.

ACTIVITIES - No activities planned yet.

PUBLIC RELATIONS - Billy, N6EDY, was just informed that he was elected to this position. Chris, KJ6ZH, was compassionate enough to tell Billy what to do. Billy was surprised, but, will comply.

TECH COMMITTEE - Larry was outside.

ANNOUNCEMENTS - Jim, N6XTJ, operated in the current emergency (L.A. Quake). Many were not aware of the repeaters being in emergency use. Jim, N6XTJ, read an ARRL bulletin pretaining to this. We discussed the Seismic Precursor Net on 147.705 (Oat Mountain) and the Red Cross having priority on the frequency.

Frank, WA6VKZ, ARES coordinator for the city of Tustin tells us that Phil, KK6QE, lobbied Tustin City Council for money for ham radio equipment for emergency use. They voted \$5,000.00 for purchasing radio equipment. This will include, VHF, packet, etc. They also voted for a room in the Tustin Police Department. Frank is calling for antenna party on February 2nd in Tustin to help set up the antenna on the tower. Any expertise would be appreciated

DX - Peter 1 Island will be on the air for 2 weeks starting Febraury 1, 1994.

Meeting adjourned at 9:45 p.m. Motion made by Danny, KB6VFC, seconded by Jane, KC6TAM.

Respectfully submitted, Carmine, AB6KE Secretary

RF

# Minutes of Board Meeting -February 5, 1994

Meeting called to order 9:00 a.m. Members present: KJ6ZH; AB6QE, KD6BWH; KC6TAM; K6VDP; WA6RND; W6HHC.

Minutes cont, on page 8

Treasurer's Report: Total Checking: \$207.49; Total Saving: \$612.45; Cash on Hand: \$138.15. Total Balance: \$958.09



Membership Report: We have 29 paid memberships.

Tech Committee: No tech. work.

Activities: Nothing important planned.

Next Scheduled Meeting: Speakers will be Carmine, AB6KE and Chris, KJ6ZH. Talk will be on Working Satellites.

Carmine will rewrite letter to Tustin Marine Air Base and will coordinate efforts with Dave, W6COJ.

Correction to last minutes regarding keys. The keys that were exchanged were the keys to the E.O.C., not the keys to the mailbox.

We need to rewrite the By-laws. We will also have to submit a copy of the By-laws to the State Attorney General as required by all non-profit clubs.

We will be checking with Bob Chase, W7AZZ, to see if he would like to be Trailer Committee Chairman. (Thanks Frank, de AB6KE)

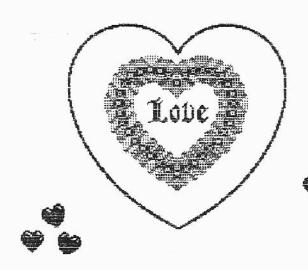
Activities made \$50.00 from the last raffle. Activities would like to channel the profits into a fund for larger prizes. Carmine, AB6KE, will call Gordon West about a prize donation.

Bob, KM6TL, motions for adjournment. Everyone seconds. Meeting adjourned 9:15 a.m.

Respectfully submitted, Carmine, AB6KE Secretary









# ORANGE COUNTY AMATEUR RADIO CLUB P.O. BOX 3454

## TUSTIN, CA 92681 1994 APPLICATION/RENEWAL

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# CLUB NETS

Band	Mode	Day	Local Time	Freq. mHz	Net Control
15 Meters	SSB	Wed	8:00pm	21.375*	AF6C
2 Meters	FM	Wed	8:30pm	146.550 simplex	WB6IXN
40 Meters	CM	Thurs.	7:30pm	7.135*	WA6RND
(Listen for	W6ZE, Net	Control	) * Plus or m	inus QRM	

General Meeting	General Meeting is the 3 <sup>RD</sup> Friday of each month at 7:30 pm.  ANAHEIM EMERGENCY OPERATIONS CENTER
February 18 March 18 April 15	909 E. Vermont, Anaheim, CA Talk in Freq. 146.550 simp West of 2nd set of railroad tracks.  A big antenna is in front of building with a red light on top.  Major Streets: Vermont & Anaheim Blvd.
BOARD BREAKFAST	Board Meeting is the 1st Saturday of each month at 8:00 am. Denny's Restaurant Members & Visitors are welcome.
March 5	2314 E. 17th Street, Santa Ana, CA (714) 543-0872
April 2 May 7	Exit the 55 freeway at 17th Street, go west. On south side of the street.

ORANGE COUNTY AMATEUR RADIO CIUB, INC. P.O. Box 3454
Tustin, CA 92681





# First Class Mail





Time-Dated Material. Please Rush!

