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ORANGE COUNTY AMATEUR RADIO CLUB

VOL. XXXV NO. 9

P.O. BOX 3454, TUSTIN, CA 92682

SEPTEMBER, 1994

The Prez Sez

By Chris KJ6ZH

Well Labor Day weekend I did a lot of laboring to construct a Helix antenna for two meters to match the one I built for 432. I used a couple of light duty TV rotators for azimuth and elevation and mounted the whole thing on a 3 foot tripod on the roof. This whole contraption is for working the OSCAR satellites. On Tuesday the 5th, my 432 rig arrived at HRO so I set it up and checked the SWR. Well, I had to wait until Friday but at about 7 pm, AO-13 passed by and I gave a call and worked a W5 in Texas. I spent most of that night listening to the DX from Europe and Russia working the bird but my uplink signal was too weak to work them! Oh well, guess I'll add 3 or 4 more turns on the 432 Helix to "Pump up the volume".

We should be having a super speaker this month. George Ridley, N6UEA will be giving a talk on battery systems. Also remember to save up your loose change to buy a chance on a new handitalkie. Looking towards October, it is time to locate your prized Junque to auction off at the Annual Auction at our October Meeting.

ATTENTION: Election of officers will be at our November meeting. P L E A S E see Jane KC6TAM if you would like to run for an office.

CLUB BREAKFAST: The club breakfast has a new location...The Wildflower Restaurant on Grand Ave South of the 22 Freeway (It was the Le Grand Cafe a

September Program: George Ridley, N6UEA Battery Systems

RF

few years ago)

That's all from here. Maybe I'll work you on the OSCARs!

73 - de Chris - KJ6ZH
President



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

Gordon West Radio School offers code practice every Monday and Tuesday evening at 8:00 pm on 2 meters. The frequency is 144.330 MHz, simplex. This interactive net will ask for read-backs, too, so it is truly a Morse Code class on the air.

Monday nights is code for beginners. Learn the code, and practice at 5 wpm (character rate 15 wpm).

Tuesday nights is General code practice from 5 to 13 wpm (character rate 16.5 wpm).

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

The 2 meter simplex signal is heard loud and clear throughout 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.

Questions? Call 714 549-5000 for additional details, 10:00am - 4:00pm

Communications During Tropical Storm Alberto

By Cindy, KC6OPI

Communications during disasters are pretty much the same. The people that help may be the same people that you have worked with before, or new people altogether. These people may volunteers from the local emergency groups, or from the local amateur radio club. During Tropical Storm Alberto, we had a mixture of people we had worked with before, some new people and help from the local amateur radio club.

The Columbus Amateur Radio Club, W4CVY, had been recruited to help the American Red Cross at its headquarters in Columbus, GA. They came in and setup 3 packet stations, UHF, VHF and HF for helping Columbus communicate with Albany, GA. This station was up for a few days then taken down. Even after they left, there

Continued on page 3

1994 Board of Directors

President	Chris Breller	KJ6ZH ...	310 866-2077
Vice President	Jim Roberts	N6XTJ	
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Member at Large	.John Dawson ...	WA6RND	633-7469
Member at Large	.Ken Konechy ...	W6HHC.....	744-0217

CLUB APPOINTMENTS

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

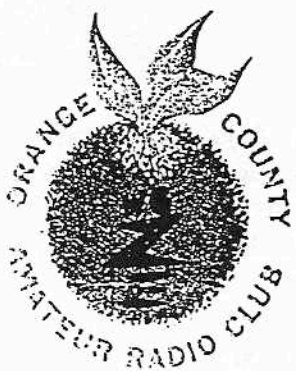
DUES

Regular Member	\$12.00	Additional Family Members	\$6.00 each
Teenage Member	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.

SHOW YOUR PRIDE IN THE OCARC!

ORANGE COUNTY, CALIFORNIA, U.S.A.



KF6ZH

CHRIS BRELLER

STATION	DAY	MONTH	YEAR
UTC	FREQ	RST	MODE

73 PSE GSL TNX

13802 DUNROBIN
BELLFLOWER, CALIFORNIA 90706

100 - \$22.00*

250 - \$26.00*

500 - \$34.00*

1000 - \$45.00*

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were a few club members who still stopped by to visit. KE4CXR, Frank, loaned his duplexer for the Kenwood 741 that was used as the base station till the day that the function closed. W4DUF, Ted, helped with building cables for the packet station, and making the switch for the 741 to go between packet and voice, as well as the cables for the authors packet station. Ted would also come up on the air and let us know if one of our vehicles was broken down. WA4IUL, Joe and his XYL, KD4CPB, Willie, came by to visit us and show us pictures that were taken during the initial days of the effort. Joe is also Net Control for their net on Wednesday evenings. KL7Q, Tom, is one the wizards on packet in the club. He explained to me how to access the BBS in Auburn to work the packet, and left a couple of messages there, and also setup the mailboxes and gave visitor privileges to Richard & I for packet at Auburn. There was a total of 39 amateurs that helped out in Columbus, GA. Down in Albany, the local hams helped with setting up antennas and in any other way they could.

The biggest part of communications in disaster work is dealing with landlines, cell phones, pagers and radios. We used all three during the operation. Here in Southern California it is easy getting landlines installed during a disaster operation. We can usually request service and have the phones installed or turned on by the close of business or the next day. The phone company has one person who handles the major accounts and can give us the phone numbers, work orders and due dates by the end of the phone call. In Georgia, it was hard to explain to the phone company that we need the service by the end of the day or the next morning at the latest. Getting the phone numbers, work orders and due dates took at least 5-6 hours. The lady who handled our account did a good job and was really overworked by the Red Cross with all the demands for landlines (at the time I left we had over 615 landlines on the job), but she was looking forward to a well deserved vacation.

NEXT MONTH, PART II

RF SEPTEMBER 1994

NET NOTES

BY BOB EVANS, WB6IXN



8/3 15m phone net - W6ZE/AF6C checks in NGO, XO, & IXN. XO takes the XYL to the Hosp. fer a bronchoscope..results pending! The Ca. Classic Marathon at Palos Verdes is short of OPs! AF6C asks fer OP volunteers & IXN will carry the message to the 2m net. XO finishes the computer class. NGO concentrates on the lawn work but manages to pick up a 20m opening to the Orient this aftgernoon. IXN asks AF6C to try to make a montage of his 1994 FD pix fer the Club History.

8/3 2m phone net - W6ZE/IXN checks in RE, NG7D, ZH & TAM, BWH, RVW ?, VDP, EMQ, TWA, ESD, QW, & N6LKY. VDP, QW, & EMQ all get involved in helping Scott, LKY, in HB, check out his new beam. VKZ, RE, QE, & AZ all help out wid communications fer the 'Taste of Tustin' Fair! And RE has narcissus bulbs fer any takers! And Alex airs a couple of ARRL bulletins. The 'garden inspector', XQR, agn visits BWH's QTH, taking multiple samples of Bob's tomatoes fer delicate taste tests! Nancy also picks up a 2m/440 HT fer Bob. Comments BWH, "The price was right!" NG7D gets his General Radio-telephone License frm FCC! Now, John, tell us what it is gud fer?! NG7D & VES visit the TRW Swapmeet where they meet JPG & VDP! And John finishes the 20m QRP rig..Now fer a lil 20m CW to test it! TAM starts the new job last Mon.! And ZH picks up FT5ZF on Amsterdam & St. Paul Is. And while net was in progress, ZH picks up a V4 (tonite), 80m CW, on St. Kitts & Nevis Is.! VDP comments that the TRW Swapmeet had a nice mix of items fer a change! Wid school out, EMQ finishes volunteer library services. Now its bk to learning CW fer Victor, and, a family vacation in Ensenada! TWA works

Estonia & gets a QSL bk in 16 days! And Charles works the VI4WWA at the Whale Festival, Hervy Bay, Queensland, Aus. ESD beheads and chews out the stump of a huge bottlebrush bush. That shud help the allergies, Bob! Wid an industrial engineer revamping the Business, QW is humping these days! However, QW did manage to get a new County last week! BWH airs Newsline and informs OPs of an Anaheim RACES training event this weekend!

8/4 40m CW net - W6ZE/RND checks in IXN & NG7D. IXN has a day that everything goes wrong! NG7D finishes wid his backed-up correspondence, makes 15 cassette tapes fer a blind friend, and has time to call & chat wid YZG who is doing better. But arm paralysis still keeps Lu off the air! And John also services a NICAD battery charger. RND will change oil & filter in the van this weekend. IXN wants to know where John will get rid of the old oil. RND will pass along tha adr of the recycling center on the nets! And John had a nice QSO wid his Conn. friend on 20m yesterday! And, ask NG7D abt the voodoo hex, Bill Clinton, and the Haitian generals next time you see John!

8/10 15m phone net - W6ZE/AF6C checks in NGO, VDP, & IXN. AF6C gets his ears 'lowered', and, does Bob work VDP & IXN better off the back of the beam! NGO gets a call frm code enforcement..Seems that a neighbor reported that Kei was putting up a new tower..which was ALL NEWS to Kei!! Kei wonders who the OP is that is putting up the new tower..Ideas, anyone?! IXN says Perseid meteors will be numerous after 1 am Fri & Sat mornings. VDP says there has been sum slow scan TV on 146.55, the OCARC 2m simplex net freq. And Larry hears the short 6m opening but doesn't work any OPs. Larry needs 9 states fer the 6m WAS.

8/10 2m phone net - W6ZE/IXN checks in NG7D, ZH

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& TAM, BPX, RE, VDP, QW, BWH, & EMQ.

BPX sleeps thru last 2 wks' nets, but stays awake tonite. Blanche will get new eyeglasses sometime soon, and Wyatt gets the longwire ant. moved in anticipation of a new chain link fence at the QTH! In the meantime, Blanche & Wyatt gorge on tomatoes & cucumbers frm the garden! ZH gets a nice QSL card frm ZS8MI on the Marian Is. near the Anarctica, and Chris & TAM ask fer articles fer next RF, deadline this Fri.! BWH, just arriving home, checks in on the HT, but switches to the base station fer Newline transmission. And Bob tells OPs that the garden inspector, XQR, Nancy, has been sampling sum more produce! NG7D plays host fer a visiting niece, and grandma & grandpa hve a 'meeting of the minds' wid the grandharmonic at Knott's Berry Farm! John gets 2nd place in the QRP circuit design contest in Hambrew mag. And FAR circuits is producing the printed circuit boards fer NG7D's QRP rigs. Gud luck at Vegas nxt wk, John!! RE is 'settin sweatin' in the hot WX! And Alex updates us on the ARRL Bulletins. VDP works at 'beatin the heat', by-passing a lil opening on 6m tonite! QW works, works, works, getting home abt 15m before net tonite. Rolf gets new tile laid and repairs faulty plumbing at the house in Big Bear...No new counties last week! But Rolf is pleased wid the 6m QSLs arriving at the QTH! EMQ finds cool WX in Ensenada last week, working the Catalina rptr wid a 1/4 wave whip from there!

8/11 40m CW net - W6ZE/RND checks in IXN, KR4VE, & NT. VE, Bob, checks in frm Dickson, TN. And it's HOT there, too! All OPs copy VE well. Wid a 95 deg. av. temp., RND debated abt heatin up the rig tonite! John wud like to be on Table Mtn. abt 2 am to watch the Perseid meteors, and IXN will probably start watching abt 1:30 am tomorrow morning. NT is off to din-din, and, if it's too hot to sleep tonite, Ray will be watching the meteor shower too! Wid all this heat, RND might sleep out on the patio tonite, making it convenient to sneak in a

few Perseid meteors abt 2 am!

8/17 15m phone net - W6ZE/AF6C checks in NGO, VDP, IXN, & XO. AF6C expresses a unanimous feeling when he asks, "Is it hot emuf fer everyone!?" NGO has no QRN tonite, and Kei has had temps of 98 deg. in the shade! He'll cut the grass before 10 am tomorrow to avoid the heat! VDP repairs the air conditioner after the motor pops an AC capacitor. And Larry finds a new Ham Trader Magazine which he'll share wid OPs at Meeting. And VDP reports 57 check-ins on the 6m FM net last Thurs. eve.! IXN has nothing seismic to report, and XO says VKZ, XO, ZH & TAM, WLO, PFA, & VPP helped wid communications fer the California Classic event! And, Bob returns home Sun. eve. to learn that the XYL had been to the Emergency room wid a coughing up blood problem...Docs cudn't find anything wrong!

8/17 2m phone net - W6ZE/IXN checks in BPX, PZF, ZH & TAM, RE, HHC, VDP, BWH, ESD, TL, XTJ, & TWA. BPX stays in the house during the hot WX. And Wyatt is glad to get the new fence & gate installed! PZF tries out the new homebrew 1/4 wave vert. wid 4 radials. John gets gud rpts frm all but Tustin-Orange OPs. HHC suggests John raise the ant. a few ft. to see if there is an improvement! BWH & IXN hve natural air conditioning, & BWH says FXN may try to resurrect the old Seismic Precursor Net! And IXN tnx BWH fer a vy interesting Newline tape! ZH & TAM live in air conditioned delight as the house is being re-stuccoed! ZH misplaces Fri. Meeting speaker's name, but XTJ quickly supplies the name of TK, our own John Meachum, who will discuss the workings of Internet wid us! And XTJ just got back frm attending sum classes in Susanville, visiting Lassen Nat. Park, & doing sum fly fishing on the McCloud River! And ZH says we'll hve raffle tickets fer a 2m HT at next meeting! RE hosts his daughter & grandson frm Palo Alto last weekend. And Alex reads an ARRL bulletin dealing wid future re-allocation plans fer the 13 cm band, ie: 2300-2310, 2390-2400, and 2402-2417 MHz portions of the band! And HHC comes bk to roast in OC after a 2 wk trip to Stanford U. fer course work. VDP reports on the

Net Notes cont.

Oceanside Swapmeet. It is not well organized, and, it is part of a general swap meet! Larry says you might fare better at the new La Habra High School Swapmeet at La Habra Blvd. & St. Gertrude, next to the golf course, and organized by old members of the Rio Hondo Swapmeet! And Larry said 6m propagation during the Perseid meteor shower was not exciting! ESD is now eliminating the Night-blooming Jasmine and cleaning the garage. TWA was in the severe shaking zone of the Northridge EQ. Charles said the shaking at the QTH was worse than the Landers/Big Bear events! And now, TWA has all the noise of construction nearby as the Environmental Management Agency concretes the Santa Ana River channel!

8/18 40m CW net - W6ZE/RND checks in IXN & NT. RND will miss Meeting Fri. as he & XYL celebrate their 42nd Anniversary! IXN & family will host a niece & husband for a day next week. NT couldn't say it was 'Bob's fault' this week as there wasn't much seismic activity! RND throws in the 500 Hz filter to cut out an offending nearby carrier! And NT says that the livestock is surviving the heat quite well! And RND is having trouble with his insurance co...They won't renew his earthquake insurance!!

8/24 15m phone net - W6ZE/AF6C checks in NGO, IXN, & KD6ZBB, Jack. All OPs introduce themselves to Jack. And we invite Jack to next Club meeting! Kei takes advantage of the cooler WX, working all day! ZBB will try to check into the CW net Thurs. eve. IXN fools around changing one of his BASIC EQ programs for an OP up north. And NGO's 'bucking Toyota' settles down nicely after the arcing wire is discovered! And AF6C woke up last night to nurse a headache!

8/24 2m phone net - W6ZE/IXN checks in BPX, NG7D, RE, VDP, ZBB, ESD, BWH, TAM & ZH, QW, & EMQ. BPX stays

in-doors during hot WX, venturing out only to water the parched 'back forty'! And Wyatt is glad to have the new chain-link fence and new gate installed!..Now for the Sat. get-together of the family for dinner! NG7D & fam. visit 'Lost Wages' once more. John does a little better than break-even! NG7D finishes the pictorial diagram for a circuit board for the 20m xintr for FAR Circuits. And John gets his Homebrew Mag. plaque as 2nd place winner in the contest with his 'Twofer' submission! But the plaque is an exercise in 'memory techniques' since it doesn't say specifically what the award is!..We'll have to test John's memory over the years!! RE must leave net early with 4 messages for the Traffic Net. Alex airs propagation & DXCC bulletins before he 73s! BWH's allergies sound a little better tonight as Bob airs an interesting Newslite! VDP does little hamming during the past week, but he & Dennis attend the new Swapmeet at La Mirada H.S., sponsored by the CMRA Group, and they say it looks good!! ZBB, Jack, over from 15, has an EICOM 735. Jack will try to make next Meeting, & ZBB also nurses along a bad air conditioner! ESD won't concern himself much longer with figs, tomatoes, string beans, etc...they're almost done for this year, along with IXN's flowers! TAM checks in & turns the mike over to ZH who reads a packet message from Cindy, OPI, in Georgia, who has been working the floods with RC there for summer time! Inventory control and programming Cellular Phones are just two of Cindy's many duties!! Cindy should be arriving home late this evening. ZH & TAM make plans for the ARRL Convention in San Diego, and Chris has been working all week on the 435 MHz. helical ant. for satellite, while a work crew re-stuccoes the QTH! QW completes remaining 3 Counties in S. Dakota, needing only 20 Counties for the WAC award! What's this!..Rolf will be sneaking home from work to try to work the remaining Counties?! EMQ puts the final touches to the homebrew 2 meter Yagi, & ZE tells Victor it is doing a fine job at the QTH!

8/25 40m CW net - W6ZE/RND checks in IXN & NT. IXN is still playing around writing a BASIC routine in a seismic program for CTI up in Placerville. And John suggests to Ray to cool one of those juicy

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Net Notes cont.

watermellons growing on the 'Hill' and bring it to Club meeting! ZE gives Jack, KD6ZBB, in Anaheim a call, but Jack either forgot, or cudn't make his 'cold feet' move him to the key! NT just got in frm the airport and his stomach is growling fer 'din-din'! And by the end of the week, RND will hve played 9 gigs! Just think of all the ham gear John cud buy if he was making union scale fer all those gigs! And RND finally got quake insurance on the QTH!

8/31 15m phone net - W6ZE/AF6C checks in IXN. We discuss seismic activity in the Elyssian Thrust Zone and the Transverse Ranges. There were no other check-ins during the discussion.

8/31 2m phone net - W6ZE/IXN checks in BPX, NG7D, OPI, TAM & ZH, RE, PZF, VDP, BWH, QW, EMQ, & CGR. BPX tries to keep the grass alive wid water during the hot WX, while nursing a bum leg. IXN joins him nursing diverticulosis..Oh!..The Golden Years!!! Soon Wyatt will hve his toe repaired as an outpatient! NG7D has a landline visit wid a blind N. Carolina buddy, and John says the 'gophers' (PacTel) are back to make more holes in the backyard! BWH makes a quick trip to the desert (probably to keep frm shriveling in the heat!), and the new check-in on net tonite failed to show. So Bob airs an interesting Newsline, especially part where FCC gives ARRL accepted freq. coordinators more power to control repeater pair assignments! OPI, bk frm RC emergency service in the Georgia floods, now has cables frm Georgia OPs that will allow her to operate packet wid the HT! TAM checks in while ZH finishes sum ant. work. ZH says IBR & IBP are doing fine, and Chris picks up a Yaesu FT 790, 440 all mode rig at the ARRL Convention in San Diego last weekend. Now he spends time getting the 2m and 440 helical ants. ready fer satellite operation! RE finishes up a 2 half wave in phase co-linear ant fer 220! It works

great on transmit, but reception is weak. VDP offers to check it over wid Alex. And RE reads an ARRL Bull. that says DXCC will not recognize P5RS7 for Dec. '92 thru Jan. '93 operations!! PZF travels arnd the 'fun' spots wid a 12 yr old Nephew and misses net last Wed. VDP considers writing a letter to San Diego Convention people suggesting they change hotels fer the next ARRL Convention held there! Larry sited 'horrible nightmares'! (*ED. NOTE: LIKE TOILETS THAT DON'T FLUSH; PAY FER PARKING; WALL RECEPTACLE CAVE-IN WHILE PLUGGING IN SHAVER; ELEVATORS GET STUCK, ETC.*) VDP hears Wayne Overbeck give a 'dynamite' talk on Mountain Topping at the Convention! QW gets another County last week, bringing the count down to 17! Now Rolf is off to Big Bear to try to sell the house! CGR goes to the Convention, & Mike & VDP discuss events at the Convention after net.

Club Nets

Band	Mode	Day	Local Time	Freq. MHz	Net Control
15 Meters	SSB	Wed.	8:00 PM	21.375*	AF6C
2 Meters	FM	Wed.	8:30 PM	146.550 simplex	WB6IXN
40 Meters	CW	Thurs.	7:30 PM	7.135*	WA6RND

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

General Meeting

August 19
September 16
October 21

General Meeting is the 3RD Friday of Each Month at
7:30 PM at the Anaheim Emergency Operations Center.
909 E. Vermont, Anaheim, Ca. Talk in 146.55 simplex
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

September 3
October 1
November 5

Board Meeting is the 1st Saturday of each month at 8:00 AM.
Denny's Restaurant, 17th & Grand, Tustin Ca.
Exit the 55 Freeway at 17th Street. go West to Grand Ave.

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