



RF



ORANGE COUNTY AMATEUR RADIO CLUB

VOL. XXXIII NO. 12

P.O. BOX 3454, TUSTIN, CA 92681

DECEMBER, 1992

Help Wanted!

by Nancy Bucher, N6XQR

For almost 2 and a half years I have been the Club's Newsletter Editor. As I announced at the November meeting, I have decided to resign from this position. I will make the January, 1993, *RF* my last newsletter for the Orange County Amateur Radio Club. The new Board will need to find a new Editor starting with the February issue.

I have enjoyed the challenge of producing the newsletter each month, but I think the time has come for me to move on to other endeavors and for someone else to step up to the job. I wish to thank all those contributors of articles who made the newsletter such a success and I would like to especially thank Bob Evans, WB6IXN. Net Notes arrived promptly each month without any follow-up on my part -- he says it's because HE used to be the newsletter editor and KNOWS that it means a lot to the person working under deadline.

All of the hardware and software used in the production of the *RF* (about \$5000 worth) is owned by me, not the Club -- so my replacement should already have the proper tools to accomplish the job. Please do NOT ask me for copies of the software that I use. All of it is copyrighted and it is illegal to copy it and give it away. I don't think the Club can afford to purchase new software, but that is for the new Board to decide.

A maximum of 5 pages can be mailed

1st class without going to 2 stamps. The style is up to the Editor and I think a facelift and some pizzazz is in order. Set your own style, we need a change.

It's been a great learning experience for me and I hope my replacement finds it so, also. But, please -- do NOT volunteer for this job unless you are willing to put in a lot of hours. You will need to follow up on some people a lot to get

material in (notice I failed to get a Prez Sez this month and only two of the several people who volunteered to write articles reviewing Field Day actually wrote and submitted articles on time!) - and I suggest you try for packet, modem or mailed to you on diskette to save the typing. It helps if you can get a lot of it done so that you are just waiting for the Board Meeting minutes from the first Saturday of the month. I would guess that most months I spent over 20 hours producing the *RF*, but it may be that I'm just slow. And remember, you must get it to the Membership Chairman so that he has enough time to copy, collate, staple, address, stamp and mail them to arrive in advance of the Club meeting.

I bring everything into Word-Perfect as separate articles first, then place each file into a Page-Maker Desktop Publishing software template. When I have finished placing and arranging all of the pieces and filled in all of the holes, I print it with a laser printer on laser paper (this is very white paper for the best contrast when copying.) The maps, antenna designs and other drawings were created in Designer software or scanned in with a hand scanner and cleaned up in PC Paintbrush. All graphics were stored as .TIF files before placing them in Page-Maker.

Please let the Board know if you would like to take over this position, and please support your next Editor as well as you did me. The compliments mean a lot -- it's the only pay the Editor gets!

SUNDAY December 20th Banquet Officer's Club Tustin Marine Corps Air Base

Doors Open at 4:30 pm
Dinner at 6:00 pm
Talk-in on 146.550 smplx
OMs bring OM Gift
YLs bring YL Gift

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Minutes General Meeting November 20, 1992

Meeting was called to order at 7:30 p.m. by Frank Smith, WA6VKZ. Board members absent were Clark, WA3JPG and Bob Eckweiler, AF6C. Elections were held and the 1993 Board is as follows:

President

Jane Breller, KC6TAM

Vice President

John Dawson, WA6RND

Secretary

Ken Konechy, W6HHC

Treasurer

Bob Buss, KD6BWH

Activities

Cindy Hughes, KC6OPI

Membership

Bill De Smith, K6BWZ

Public Relations

Mel Chester, KM6BT

T.V.I - Chris Breller, KJ6ZH

Program was given by Jim Roberts, N6XTJ on packet radio.

Old Business

Kei, W6NGO asked permission of the club to dispose of old romex. It was suggested by the membership that it be taken to a scrap dealer and sold. WD6X will contact Kei to give him an address. Motion was passed by the general membership to sell romex to scrap dealer for best price.

Christmas Dinner will be 12/20/92 at the Tustin Marine Corps Air Base at the Officer's Club. It will be a buffet dinner. Tickets will be sold at the door. Ken, W6HHC moved that 2 colors of tickets be sold, 1 color for adults and another color for children and motion was seconded by Jerry, KK6YO. Motion was passed by general membership. Cost was discussed and it was moved by Jerry, KK6YO and seconded by John Meacham, KJ6TK that cost be \$ 15.00 for adults, \$ 5.00 for children 11-16 and children under 11 will be free. Motion was passed by general membership. Frank,

WA6VKZ directed the treasurer to write a check for \$ 100.00 to reserve the Officer's Club and give the check to Dave Hollander, W6COJ. It was moved by Jim, N6XTJ and seconded by Ken, W6HHC to spend \$ 50.00 for linen charge for the dinner. Motion was passed by general membership.

New Business

It was moved by Jim, N6XTJ and seconded by Bob, KM6TL to pay the \$259.00 for the club insurance before December 31, 1992. Motion was passed by the general membership.

It was also mentioned that the Post Office Box fees of \$ 35.00 are due. The treasurer was directed to pay these fees also.

Good of the Club

Ken, W6HHC advised the club that he needs 1 more person to help him move his tower on 11/21/91.

Correspondence

The club has received a letter from Julian Baldwin, G3UHK thanking Bob Evans, WB6IXN for the copy of the RF and he is sending a copy of RAD COM to the club P.O. Box for Bob Evans.

Treasurer's Report

Checking - \$ 457.62
Savings - \$ 1,181.73
Cash - \$ 23.00

Membership

There are currently 129 paid members. Meeting was adjourned at 9:40 p.m. Respectfully submitted,
Jane Breller, KC6TAM, Secretary

1992 CLUB BOARD of DIRECTORS

President.....	Frank Smith.....	WA6VKZ.....	838-3180
Vice President	Bob Eckweiler.....	AF6C.....	639-5074
Secretary	Jane Breller.....	KC6TAM.....	310/866-2077
Treasurer.....	Carmine Fiorello...	AB6KE.....	837-5133
Activities.....	Bob Schnabel.....	KM6TL.....	776-8486
Membership	Bob Buss.....	KD6BWH.....	534-2995
Public Relations ...	Cindy Hughes.....	KC6OPI.....	971-3448
T.V.I. Chairman ...	Clark Turner.....	WA3JPG.....	856-2131
Member at Large ..	Ken Konechy.....	W6HHC.....	744-0217
Member at Large ..	Mike Abreu.....	K6KAA.....	832-8503

CLUB APPOINTMENTS

Club Historian	Bob Evans.....	WB6IXN.....	543-9111
W6ZE Trustee.....	Bob Eckweiler.....	AF6C.....	639-5074
RF Editor	Nancy Bucher.....	N6XQR.....	537-8728
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.

Wanted

Amateur Radio volunteers for the City of Tustin RACES/ARES emergency plan. Interested Hams contact Phil Andersen, KK6QE at (714) 731-8400. Prefer volunteers who either work or live in the greater Tustin area.

On the Nets - November, 1992

by Bob Evans, WB6IXN

11/4 15m phone net - W6ZE/AF6C checks in XTJ, NGO, XQR, RND, IXN, & VKZ. AF6C's sigs are strong then weak. SA winds may have rearranged the antenna! XTJ says VKZ's sigs are now readable, & Jim will be doing some research work this weekend. And NGO, doing some work at his nephew's place in Anaheim, is used to the SA winds. XQR has gud cpy on XTJ & NC, but not on anyone else! Nancy lost her dipole in the winds! RND, ant. still up after the winds, copies all OPs FB, & John will work the CQ contest Sat. afternoon. IXN puts the finishing touches on a new paper desling wid ground motion in California. AF6C, still tiling, needs additional grout, and must do some minor plastering before resetting the baseboard in the B-room. An errant speaker mike was causing VKZ's audio problem.

11/4 2m phone net - W6ZE/IXN checks in AF6C, ZH & TAM, XTJ, VKZ, RE, RND, AT, XQR, QW, VDP, & HHC. Vy dry SA conditions sensitize AF6C's nose, sinuses, & skin, rotates the TV ant., plus the rotor indicator quits working, & Bob suffers slight knee damage frm tiling the floor! "Anyone need a Credit Manager?", asks TAM. And ZH works a little DX as he peruses the diminishing wall space under the QSL cards! XTJ spends an 'exciting' weekend wid T-Hunters trying to find 3 hidden Xmtrs. They were out over 24 hrs! VKZ's triband UHF/VHF succumbs to the SA winds. Oh well, Frank finds non-alcoholic beverages more interesting to talk abt anyway! RE works the polls on Nov. 3, wid an 85+% turnout! Alex suffers a power outage in the SA winds, and airs an interesting Newsline. "Hi-Ho lawn debris, away!", exclaims RND as he watches the SA winds make 'community property' of his dead flowers, branches, and maple leaves! Returning frm a weekend jaunt to Bishop, John found rain in the Cajon Pass, & snow in the High Sierras. HHC 'flies in & flies out', so XQR can't ask Ken whether he will give a summary of back Club FD reports in the Nov. or Dec. 'RF'. And now Nancy will 'bare all' to her neighbors across the way since the SA winds removed her 'privacy' branch from an over-hanging tree! (Nancy! Hang a huge '88' in the window!) And don't forget!.. Club breakfast & Board Meeting at Denny's, not Ricky's says Nancy! AT puts up a G5RV for the 930. Now we'll hear Dave on more of the nets! "Canadians can't vote", says QW, "All we can do is complain!" And Rolf picks up Rhode Is. & Delaware toward his 5-band WAS! And VDP receives an SASE frm a SWL for a QSL card. He heard Larry on the CA. QSO Party!

11/5 40m CW Net - W6ZE/RND checks in IXN, NT, & XQR. IXN tells OPs abt the possible impact of Comet Swift-Tuttle wid the Earth in 133 years frm now! NT gives RND a 579, IXN a 589, & XQR a 569. And NT says meteor scatter OPs will 'have a ball' just before Comet impact! And XQR's 'CW cats' just won't let Nancy alone when she's 'pounding brass'! "Cats no! Dogs yes!", says RND. RND inquires abt comet info source and IXN tells John abt the article in 'Sirius Astronomer',

newsletter of the Orange County Astronomers.

11/11 15m phone net - W6ZE/AF6C checks in VKZ, IXN, RND, ? call (no return), AT, and XQR. AF6C arrives home at 6:00 pm, finishes tiling & plastering in the bathroom, eats dinner, just in time to meet us all on net! VKZ has the day off, suffers no wind damage, & reminds all OPs of another election... Club Officers! IXN finishes his paper on land motion in CA. and ships all off to XQR! RND can't copy IXN or VKZ thru the QRN. John plays photographer as he prepares Christmas cards & new QSLs. No NGO tonite, so John can't ask Kei about a tower! AT can't hear OPs too well thru the QRN. Dave'll see us on 2m! KE & VKZ turn off Nancy's tuner last weekend. Discovering her plight, XQR switches on her tuner and radiates 'RF' once more on the net!

11/11 2m phone net - W6ZE/IXN checks in AF6C, XQR, AT, RND, RE, VDP, QW, and OPI. AF6C downloads NEIC bulletins frm YMH. XQR & IXN alert Bob to the PSN Bulletin Board listed in Aug. 'RF', page 2. XQR will bombard the CW net wid RF frm her new 'ham stick' antennas, prepared fer Nancy by KE & VKZ last weekend! And XQR informs OPs that 'RF' contains a 3-page roster wid 129 Club members! AT works on the TS-930-S, testing wid KK7C. And Dave will bring a flier to Club meeting describing a BBS fer hams! RND will be prepared to attenuate XQR if she tries to blow John out of the shack wid her new CW sigs! John works the CW Sweepstakes last weekend, 100 contacts on Sat., 90 on Sun., worked 42 States, & 3 Canadian Provinces! SA winds deposit RE's trash can lid against a tree some 20 ft. away. And Alex busies himself preparing guava juice as winds bring dwn the guavas! And, RE will repair RVS's ant. before he gets home frm the hospital. VDP expects a 6m opening soon, as Larry looks at pepper tree debris & downed leaves around the shack! QW's computer goes 'wacky' when Rolf tries to load an update to one of his files. Now it refuses to obey any of Rolf's commands! Undaunted, Rolf looks forward to a 'worked all counties' award in the future! OPI, at end of net, gives a tentative slate of officers fer 'railroad nite' next meeting! RE airs Newsline. Alex tells XQR that fees fer VE activities have been increased to \$5.60/ testee fer necessary materials. And Newsline wants you to send your name, call, adr, repeater or net on which you hear Newsline, location, sponsor, how many hams listening, dates & times you hear Newsline. Send to: 1992 Newsline Survey, % Karl Pagel, N6BVU, P.O. Box 6080, Anaheim, CA. 92816-6080.

11/12 40m CW net - W6ZE/RND checks in IXN, NG7D, NT, XQR, & KE. RND says XQR's sigs vy weak at his QTH. IXN gives Nancy a 569, and NT gives her a 559. Last Sunday's tests wid the 'hamstick' ant. at XQR's QTH were 599 sigs at IXN's QTH! NG7D & family hit the 'hot & cold of it' WX-wise in Las Vegas, and their winnings were sparse! And John has a 'gremlin' in the new rig!.. The rig squelches when it wants to, much to John's chagrin! NT gives RND a 579, IXN a 589, & NG7D a 577, wid KE at a 589. The band has some QRN at Carmine's QTH, and KE puts a new section on the vertical.

Continued on Page 4

Net Notes - Continued from Page 3

RND 'jumps up & dwn wid glee' as the SA winds blow away all his leaves! XQR switches to the roof dipole & RND can now hear Nancy! IXN's morning earthquake was a dud!..No recordings of it anywhere! NT & RND busied themselves wid the 'SS' contest last weekend, both doing well!

11/18 15m phone net - The net roundtables till AF6C finishes a landline wid HHC. W6ZE/AF6C checks in RND, ZH, VKZ, IXN, AT, & XQR. RND picks up a Yaesu FT-100 ZD to ship to his friend in Connecticut. ZH doesn't hear all OPs, but copies AF6C at 5/7 and RND at 5/4. And Chris still chases DX in JT-1, Mongolia, UL7, Angola, TR8, ZL7, and a TT in Chadd. VKZ can't copy RND & ZH, but RND picks up Frank. All OPs comment on the 'battery charger buzz' on Frank's sigs. IXN hears all OPs FB and comments on the 3.6 EQ southwest of Yucaipa at 6:10 AM. AT is toying wid ants...a Spider tonite! XQR winds up in the Emergency Room at FV Hosp. wid a bronchial attack Mon. eve. Armed wid medication, Nancy improves, has an early din-din tonite, & joins us on the net feeling much, much better!

11/18 2m phone net - W6ZE/IXN checks in BPX, VKZ, AT, OPI, RE, RND, ZH, XQR, HHC, MPU, KE, VDP, & XTJ. BPX continues to improve, leaving his '4-legged cane' behind as much as possible! But Blanche has been relegated to picking & selling the avocados! Wyatt can now do a little driving & rides a bicycle abt 2 mi. every day! VKZ reminds all OPs abt elections Fri. eve. AT pulls duty at an electronics show at the Anaheim Convention Center, but finds time to test a G5RV and a spider ant. on the HF bands. OPI finishes a data base fer her mother and attends Melissa's investiture ceremony fer the Girl Scouts. RE's guava population is still doing nicely...lots of gud deserts ahead fer Alex & XYL! And RE finally gets the lawn sprinkler line fixed, airs Newline, & reads ARRL bulletin concerning the League's desire to take over issuing amateur call signs! Yesterday, RND motors 300 mi. up to Bishop, 300 miles back, then to John Wayne airport where RND sends part of the family on its way to Boise, Idaho! ZH, wid spare rigs & DX dancing in his head, tells OPs that 'household engineer', TAM, still hasn't found gainful employment! Wid SA winds, allergy & asthma attacks, the FV Hosp. Emergency Room behind her, XQR plans a 'horizontal attack' on the hamsticks fer CW net tomorrow eve! HHC 'pleasures' himself wid hop, skipping & jumping arnd the world...Just got bk frm a Las Vegas computer show on Mon. & tue., now fer a week's vacation over Thanksgiving bk East, then off to Paris on a 'businees' trip 2 wks later! (Oh for the life of the rich & famous!) And MPU will 'take off' fer the holidays to upstate New York near Saratoga Springs. And KE picks up an old gem!..a Hammerlund HQ-140..one of the best receivers arnd in its hay-day! And Carmine's Yaesu 736-R is bk at the factory fer repairs. VDP had the flu over last weekend, and Larry can't interst himself wid the AM sigs on 160! XTJ, mobile, on his way home frm work, will see OPs at meeting Fri. eve.

11/25 15m phone net - W6ZE/AF6C checks in VKZ,

NGO, XTJ, RND, IXN, & WN4KKN. VKZ frees the hamshack of hum, and wonders if any OPs can help out wid a friend at sea on 14.213 Maritime Mobile Net, helping Frank keep a regular sched! XTJ hears KKN, Trey, on board ship off San Cristobol Is. in the Galapagos. Jim relays Trey's QSO to ZE. NGO has a high noise level, & Kei tells OPs that garage work included moving a Shaper and a Milling Machine! XTJ dabbles in the Sweepstakes over last weekend, & busies himself downloading on packet. And Jim copies all OPs well tonite! RND only copies ZE and NGO, but says HTG to all! IXN listens as AF6C mentions Kate Hutton & Lucy Jones' weekly Caltech earthquake report. AF6C tnx XTJ fer the gud packet program at last Club meeting.

11/25 2m phone net - W6ZE/IXN checks in OPI, AT, XTJ, RND, RE, NG7D, AF6C, MPU, BWH, VDP, & QW. It is windy at Cindy's QTH. ONZ will work tomorrow & then it's off to Apple Valley fer TG wid the In-laws. AT will continue ant. experiments as he & the family will feast at home tomorrow. XTJ will be wid the family in Laguna Hills fer TG, and Jim tells OPs that Trey (15 m net) is an Xtra! RND breaks out the old Heathkit HW-7 rig. Looks like sum QRP in John's future (Take note, NG7D!). IXN will TG at his nephew's home, and RE & XYL will hve their daughter in frm Alta Loma fer ham n yams, broccoli, & pumpkin pie! And Newline announces that FCC will transfer Novice licensing to the VE program! NG7D, wid turkey & trimmings at home dancing in his head, tells OPs he's experiencing an intermittent revr problem wid the new 850 rig! QW voices the same complaint wid his 850! VES drives NG7D & rig to Kenwood fer repairs! AF6C's sister is in town wid plenty of gud eating lobster fer TG day, & HHC is bk in Pgh., PA. MPU will be wid friends fer TG, & Mick's brother, in Saratoga Springs, NY, says they hve no snow at present! BWH & HQP plan a quiet, restful TG at home! And VDP, just finishing a bout wid the flu, will be at his Mom's house fer TG. QW, wid daughter-in-law & grandharmonics at the QTH fer turkey & trimmings, will be tackling a new R7 vert. antenna, and thinking about taking the intermittent 850 to Kenwood fer servicing! (Rolf & John, let us all know what the problem was!)

No-Code Technician Weekend Classes - Fountain Valley

Bob Gregg, AB6CH, Instructor
January 22, 23, 24

ADVANCED CLASS IN FEBRUARY

Upgrade testing available after Sunday
class testing

CALL
(714) 375-0387

Minutes Board Meeting December 5, 1992

Meeting was called to order at 9:00 a.m. by Frank Smith, WA3VKZ. Board members absent were Ken, W6HHC and Mike, K6KAA.

Old Business

Christmas Dinner, 12/20/92 - Frank needs a volunteer to purchase gifts for the children under 10 that will be attending the dinner. The board set a limit of \$ 6.00 for these gifts. There will be gift exchange so OM's are to bring a gift for an OM and YL's are to bring a gift for a YL. The limit is a \$ 5.00 minimum. The dinner will start at 6:00 pm., but doors will be open at 4:30 pm.

Frank also advised that board that he had been in contact with the Orange Coast Radio Control Club and they are having an Air Show/Marathon on 5/15/93 - 5/16/93. The course starts at Baker, CA and will have stops every 10 miles. Frank is trying to reach the club coordinator to set up OCARC participation. There will be a sweepstakes and OCARC will get 50% of all tickets sold by club membership. Jim, N6XTJ will try to contact this club and the board will discuss this further at the January Board meeting.

New Business

Carmine, AB6KE advised the Board that the new President, Vice-President and Treasurer need to go to the bank and sign the signature card and this needs to be done prior to December 31st.

Good of the Club

Bob, AF6C will poll the current Board members for their input as to who will receive the annual Good of the Club Award.

Treasurer's Report

Checking - \$ 708.79

Savings - \$ 1,181.73

Meeting was adjourned at 9:15 am.

Respectfully submitted,

Jane Breller, KC6TAM, Secretary

Ham Equipment for Sale by Gordon West, WB6NOA

Here at Radio School we routinely receive calls regarding the sale of equipment previously owned by a recent silent key. We also sometimes get some calls where the equipment comes out of a divorce--someone got the house, and the other party ended up with all this ham gear.

Anyway, if any of these items sound like something you are looking for, give me a call and I'll connect you with the selling party.

Brand new Kenwood TS-450 with built-in antenna tuner, modified for emergency marine band transceiver, brand new in the box. \$1,200

Yaesu 220 MHz handheld, FT-109RH, with extra batteries, case, external mike, headphone mike, and a bunch of other goodies, just like new. \$225

Kenwood TR-7950, 2-meter. \$225

Complete Yaesu FT-101 station, including Yaesu monitor scope, base mike, Ameco PT-3 pre-amp, owner's manuals, etc. \$400

Complete Heathkit HF station, SB-64 plus power supply and clock, CW filter, base mike, 4100 counter, and 2 kilowatt 110 VAC linear amplifier. \$600

Complete Drake TR4C transceiver, including Drake speaker, base microphone, Swan SWR meter, MFJ frequency standard, thrashed Opto-counter, Ameco PT-3 pre-amp, and MFJ noise bridge. \$600

Astron 12-amp power supply. \$40

AEA PK-88 packet controller. \$60

Alinco dual-band handheld. \$200

AEA Isoloop, new in the box. \$200

AEA Isoloop, used inside. \$100

220 MHz beam, new in box. \$75

ICOM IC-728, run twice. \$500 firm

2 @ mobile H.F. KW 12 VDC amplifiers. \$1,000 each

2 demo portable GPS navigation receivers. \$500 each

Everything works--no dogs. Sales must be for cash, no checks or promises. Most prices based on two-thirds and three-quarters off of lowest street price when new. Call 714/549-5000, 10:00 a.m. to 4:00 p.m., and I'll give you details. De WB6NOA

Field Day Review by Larry Beilin, K6VDP

During my 36 years in ham radio, Field Day has been the one yearly contest that has aroused my competitive energies. I assume that OCARC wishes to maximize its Field Day score, and that all participants will work where needed to meet this goal.

The 5A class seems to be very competitive and is, for us, a good one to be in. We can also compare our efforts year to year by staying in the same class.

In order to maximize our score, we must start Field Day operating 20 phone, 20 cw, 15 phone, and 15 cw as 4 of the 5 transmitters. The 5th can be 10 if open, VHF, or 40. We should also work the WARC bands and 160 sometime during the contest.

Sometime during the evening/early morning these four bands will close. We must then move 20 phone to 80 phone, 20 cw to 80 cw, 15 phone to 40 phone and 15 cw to 40 cw. The 5th can be moved around to maximize points.

The focus of the novice/tech station should be operator training for future Field Days. It must be able to operate all authorized bands. We must also capture all of the bonus points by operating packet, satellite, solar, atv, etc.

This operating method requires very close coordination among the stations so that we operate 5 - no more, no less - transmitters at all times. Planning should start soon. The site should be checked out a few weeks ahead of Field Day. Sign up now, let's be number 1 this year.

Starting Packet - Part 3

by Jim Roberts, N6XTJ

Last issue we went through a connect to a node and by now you are a pro at that. Many of you have already been introduced to the BBS system while experimenting with the nodes. The BBS system is the real star of the packet network. They store and forward mail all over the world by an elaborate network. This issue we will work with them. You can review last issue for how to use a node to reach a BBS.

You can use the BBS command while on LANODE, JESNODE or ANAHIM. We will connect directly to the BBS. Their aliases are respectively LABBS, JESBBS and OBBS. C LABBS ^M {LABBS F7 for PK-Gold} any of the switch frequencies will take you to the LA Bulletin Board System. That is my home BBS (K6VE-5 alias LABBS). That means the BBS where I receive my packet mail. If you would prefer, you can use C OBBS or C JESBBS on their switches frequencies. Pick the one closest to your home, you will probably want to make it your home BBS for mail forwarding.

You will be asked to register when you connect the first time. It's easy. Just follow the commands one at a time: N your name ^M etc. One will ask for your HOME BBS. This must be a call sign not an Alias. If you are using the closest to your home or that works best for you, type in its call sign. OBBS is WF6O, LABBS is K6VE, and JESBBS is KB6JES. If you have a home BBS already, use it. This does not mean the mailbox in your TNC. That one does not count.

You will then see a series of commands available after the call sign. H* (where * is the command you are interested in) will give you help with the commands. If you are not in range of LABBS, you can connect to a node then c labbs. Your TNC will then be connected to LABBS through the node. Leave me a note: type SP N6XTJ @ K6VE-5 (the SP stands for send personal). Try the same command on OBBS it will know how to forward it. You can send mail addressed N6XTJ @ K6VE.SOCA.CA.USA.NA, from packet BBS in the world. The material following K6VE tells the system how to get it to K6VE who can give it to me.

When leaving mail it is a good idea to let the other operator know how to reach you. It is in the information is in the header material. However, it is more convenient with your name and call at the end of a note. Having a home BBS will provide an address for others to send you mail. Check in regularly to pick up the mail. K6VE, Rick has told me new operators are welcome to use LABBS as home. I know that WF6O (OBBS) feels the same way. Most other BBS operators feel the same.

If it is information we want then downloads are the answer. We will download it by connecting to the LABBS (C LABBS ^M). The directories will be different on one of the other BBSs so do use LABBS this time. Once on you will see a series of commands that you can use as before. This time try WP ^M. That stands for: What Packet (meaning show me what files are in the Packet directory). There is an excellent 16 part series on

the bulletin board that you can download. There are many other interesting files as well. HW will give you help with the W command if you need it. W alone will list the directories, they include radio modes, ARRL bulletins, TCPIP information etc.

To download a file you have to know how your terminal program starts a download. Your other option is to know how to send the information to your printer directly. Once armed with that information type DP xxxxx.xxx ^M where the x are, type in the name of the file you decided that you wanted. Start the download procedure immediately after issuing the DP xxxxx.xxx. Chose ASCII protocol if given a protocol choice by your terminal program. If you planed to use the printer start it before you issue a command (this can be slow). PK-Gold users, this is not a file transfer. You can clip it from the material in the previous session screen {F3, F5} after you log off (but before you log out of PK-Gold). You also can use the printer, {ctrl-print Screen}. You will end the download with a file on your disk drive or print out.

Next issue will list the most common commands and what each one does.

Field Day Packet

by Jim Roberts, N6XTJ

The Club packet station this year was designed from the beginning to be less work than last year. Last year's station took all of my time and I could not see very much of the club's operation. This was not an all out effort, but we did better than last year.

Skipper, KC6WJJ and Cindy, KC6OPI, were the reason for that better score. I had improved because of last year's operations and from more experience, but their keyboard time was the primary reason.

If the club wishes to use packet to get 3 or 4 times the contacts that we have had, it is possible. The station will have to have a group of operators. The operators will need a good deal of experience in the use of nodes and gateways. One will have to test in advance from the location to be sure of routes. The club will have to let the node and gateway sysops know in advance what we will be doing. We need to get their advice on the best techniques to maximize the scoring through their node or gateway. Clubs that have high packet scores are getting contacts on HF gateways, worm holes to the midwest and east coast and the like.

There are only a few packet contacts available. From our somewhat poor vhf location we have a modest but, I believe, decent score. The club will have to dedicate several operators to shifts so they are fresh. They will have to each practice in advance. This is a lot of work to gain maybe 100 or 200 more points. I think the club's efforts and assets are better used elsewhere. If we continue an operation that gains the bonus points plus a few, we will be fine. We can then put the major effort into CW and Phone on the HF bands and keep the big points rolling in for 24 full hours.

**ORANGE COUNTY AMATEUR RADIO CLUB
P.O. BOX 3454
TUSTIN, CA 92681
1993 APPLICATION/RENEWAL**

DATE: _____

NAME: _____ CALL: _____

CLASS: NOVICE TECH TECH PLUS GENERAL ADVANCED EXTRA

ADDRESS: _____

CITY/ST/ZIP: _____

PHONE: _____ OK TO PUBLISH IN ROSTER? YES NO

DUES: (Prorated quarterly from January)

MEMBER (\$12/YR) \$ _____

FAMILY MEMBER (\$6/YR) \$ _____

NAME: _____

CALL: _____

CLASS: _____

FAMILY MEMBER (\$6/YR) \$ _____

NAME: _____

CALL: _____

CLASS: _____

FAMILY MEMBER (\$6/YR) \$ _____

NAME: _____

CALL: _____

CLASS: _____

TOTAL DUES: \$ _____

ARRL MEMBERSHIP: \$ _____

BADGE (\$5.00): \$ _____

TOTAL AMOUNT PAID: \$ _____

TREASURER PROCESSED: _____ MEMBERSHIP PROCESSED: _____

**GENERAL
MEETING**

December 20th
BANQUET

January 15th

February 19th

**BOARD
BREAKFAST**

January 2nd

February 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



First Class Mail

**Time-Dated Material.
Please Rush!!**