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ORANGE COUNTY AMATEUR RADIO CLUB

VOL. XXXIV NO. 1

P.O. BOX 3454, TUSTIN, CA 92681

JANUARY, 1993

Prez Sez

by Jane Breller, KC6TAM

A new year is now here and along with it a new board for OCARC. I have a very competent board and we have lots of things planned for this year, some of which the club will find very enjoyable. The board is already beginning to plan for Field Day and I hope all the club members become involved. Your activities chairman is planning some T-Hunts, a picnic, a couple of campouts and pizza busts. The V.P., John WA6RND is planning some great programs for the meetings and the other officers also have plans for their area. This is going to be the year for OCARC and I want everyone to become involved. Your suggestions will be welcomed. Jane, KC6TAM

Board Meeting Minutes January 2, 1993

- * The Board meeting began at 9 am at Denny's Restaurant. All members of the 1993 OCARC Board of Directors were present, except Bob - AF6C.
- * Jane - KC6TAM, our new President for 1993, presented the "GOOD OF THE CLUB" award and plaque to Don - KC6ONZ.

* The committee to audit the OCARC 1992 financial report will meet on Thursday, 07-JAN-93. The committee is composed of Ken - W6HHC, Bud - WA6VPP, and Bob - AF6C. The new 1993 Treasurer, Bob - KD6BWH will also assist the outgoing 1992 Treasurer, Carmine - AB6KE, at the audit meeting.

* Nancy - N6XQR, is retiring as Editor of RF after the January issue. The

N6ZNC and Jerry Darby, N6UME.

* There was no report available from Bill - N6EDY on the status of the search for a trailer that is suitable to carry the Club's towers.

* The Board is looking for potential locations to hold the 1993 Field Day. Any suggestions or help will be appreciated. Should we go to a hill top??... or back to the Tustin Marine Corps Base????

The following people will form a committee to search for a site: Chris - KJ6ZH, Jim - N6XTJ, John - WA6LAB, Cindy - KC6OPI, and Jane - KC6TAM.

* Frank - WA6VKZ offered to pick up the mail during 1993.

* Bob Evans - WB6IXN, the Net Control operator for the 2 meter net, is reporting problems with the Club's two meter base rig (an old Kenwood TR-7500.) Tom - WA6PFA offered to look at the rig to see if it can easily be

FRIDAY, January 15th 7:30 PM
Dorothy Darby, N6ZNC
Jerry Darby, N6UME
"Public Seismic Network"
Recording ground motions where people live
Demonstrations: Homebrew seismometer &
Seismic II event mapping computer program.
Also, review of amateur gathered data and
how to read the earthquake charts available
through the local node of the PSN BBS!

Board is interested in anyone who would like to help the Club by being Editor. Two people offered to be "Temporary Editor for a Month", until a permanent Editor can be located: February - Frank, WA6VKZ and March - Bill, K6BWZ

* Carmine - AB6KE, the out-going 1992 Treasurer, gave a preliminary year end financial report of: Checking \$682 and Savings \$1,174.

* The program for the January meeting on 15-Jan, will be: "Hams Involved with Seismology" by Dorothy Darby,

repaired.

* Jim - N6XTJ read an announcement from the Orange Coast Radio/Control Club concerning communications help needed for a R/C event to be held near Baker, on May 15 & 16. This group is looking for volunteers for the camp-out style event. Also the OCARC can consider selling raffle tickets. This matter will be discussed further with the general membership at the OCARC January meeting.

Field Day Suggestions

by Carmine Fiorello, AB6KE

CQ Field Day is the one time of the year when both fun and competition are experienced by the ham operator. From my previous experience with Field Day, I have a few suggestions for the OCARC Club Field Day. To maximize points for contacts, CW should be used more and the best ops should man each station accordingly.

Runners should maintain an hourly sched between tents (ops) and the Field Day Captain to relay the efficiency of each station. With the Team Captains and the Field Day Chairperson having this info (hourly basis) stations should be activated or deactivated for maximum points.

Also, helpers should be able to bring food to each tent (ops) so they can maintain pace during operations. CW, SSB, and other modes all have their place during Field Day. We should not forget about the newer hams who might not have the experience needed to maintain the hectic pace -- this will be a good training ground for them. It is the duty of the Club and Field Day Chairperson to include the newer hams in Field Day.

I enjoyed doing OSCAR and will be back again this year. Again I ask, have a place for the newer hams during Field Day, i.e. OSCAR, VHF, packet, SSB.

Tnx 73
AB6KE, Carmine Fiorello

Earthquake Monitor

by Elmer (Tom) Thomas, WA6PFA

Those of you who monitor the Crystal Lake signals and tire of listening to the 680 cycle tone may find this project the answer to your frustration. The circuit features a frequency to voltage converter with the options of a meter display, a strip chart recorder, and the audio tone with a threshold adjustable squelch. All of the options can be used at the same time if the builder desires. The squelch circuit could be modified to start and stop a strip chart recorder. The input tone should be from an earphone jack or external speaker jack that disconnects the monitor radio speaker when the earthquake monitor is used. The recorder input resistance should be 500 ohms or greater.

I have provided schematics and drawings for a pc board to scale and a 2X scale parts location layout. Run wires to the meter speaker, controls and recorder jack. The components are easily obtained at an electronic supply. The 1N4446 diode can be any silicon signal diode. The meter should be a zero center microammeter. Resistor 'Rm' could be a 10k potentiometer adjusted to a desirable meter sensitivity. ORVAC Electronics in Fullerton has surplus zero center FM tuning meters for 99 cents. The voltage regulators, 7808 and 7908 can be 7812 and 7912 if the AC voltage is 15 volts. A wall plug-in transformer works well for the power source if the output is AC not DC. The AC current is about 60 milliamps. HURRY! Build this and get the ringing out of your ears. If you have questions, give me a call at (714) 771-2917.

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Vice President	John Dawson	WA6RND 633-7469
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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	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.

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.

On the Nets - December, 1992

by Bob Evans, WB6IXN

12/2 15m phone net - W6ZE/AF6C checks in VKZ, AT, IXN, RND, COJ, & VDP. After mentioning college grads that can't find work, Frank reminds all of the Club breakfast Sat. COJ mounts an overhead rack on the truck & asks VKZ for a Christmas Party count. OPs have fun wid AT's comments.. Was it fudge, spuds, or 'Buds' that kept Dave away frm the TG turkey!? (Answer in 2m net notes!) Bigger 15m sigs fer RND?.. We'll find out next net. John will put up a new beam this weekend! VDP fires up the rig on 160m & tells OPs the band is opening up! IXN felt the post-TG quake at Big Bear early Fri. morning.

12/2 2m phone net - W6ZE/IXN checks in VKZ, NG7D, ZH (wid TAM in the background), AT, RE, RND, VDP, XTJ, QW, & BWH. VKZ announces no Club meeting fer Dec.!. See you at the Christmas Party! Most OPs, including NG7D, felt the 5.4 Big Bear event Fri. morn. abt 8:00 am. And John picks up sum sonic booms abt 10:15 this am! ZH perks up RND & IXN's ears wid news that IBR, AI, may be on the CW net Thurs. eve.! And ZH & TAM TG'd at IBR & IBP's QTH in Moreno Valley. IBR & IBP will attend the Club Christmas Party. AT has already told Santa he wants a packet TNC fer Christmas! And Mother Nature massages RE's posterior wid a rolling motion Fri. morning, as Alex, seated at the rig, was playing radio! And RE catches DXCC OPs up on the latest ARRL bulletins, and airs an extra long Newsline! RND, wid the HW7, a 12 W linear & Hustler mobile whip, QRPs frm Bishop over the TG holiday. Now John has interested a grandharmonic in working fer her license! VDP, enjoying turkey & trimmings at Mom's house in Newport, never felt the EQ early Fri. morn.! And wid 160 m opening up, Larry plans to do a little Contesting this weekend! XTJ & family break tradition wid a pork roast on TG! And Jim was in a restaurant in Anaheim near sum big windows when the 5.4 hit! Undaunted, Jim climbs a 70 ft. tower to mount a dipole ant. wid thoughts of major aftershocks dancing in his head! QW says EQ was felt strongly at Big Bear, but Rolf reported no damage at his property. And Rolf has backlogged 20 pages of QSO entries as he awaits the arrival of 2 new software packages! And Rolf has the new R7 ant. sealed & ready to go up! Linda & Tina feel the Fri. morn. temblor, but it's only a wake-up call fer BWH, as Bob gets involved in the complexities of packet!

12/3 40m CW net - W6ZE/RND checks in IXN, XQR, NT, & KE. IXN asks OPs if they felt the 5.4 & 5.2 events that occurred today on the Helendale Fault north of Big Bear. And RND 'literally sticks to the paddle' wid the sticky stuff all over his fingers! In route to the grocery store, John misses this evening's event! XQR has XM, Anita, on the side at her QTH as OPs goad Anita to pound brass! But Anita suffers frm 'Brain Fade' (Hm! Me, too, says NT!), so XM is content to watch XQR copy. Last week, NT throws the switch and literally 'lights up the rig' smoke and all! Wid repairs made, Ray's sigs are once

agn heard 'frm the Hill'! KE, wid an iambic keyer and 500 Hz filter fer the IC-735, puts in nice sigs frm Mission Viejo, but Carmine then 'flies away' to another radio sched! RND can understand 'brain fade' fer old OPs like John, Bob, & Ray.. But fer young & debonair XM, Hm!

12/9 15m phone net - W6ZE/AF6C checks in RND, COJ, VMV, WT6A, XTJ, IXN, & QW. RND peruses the dry SA River bed turn into a stream during the rains, & John watches the Marines land in Somalia before net. COJ & NGO polish off a big spaghetti dinner at COJ's QTH. And Dave queries OPs abt a count fer the Christmas Dinner. COJ also answers VMV's questions abt the Club Christmas Dinner, and Arnold plans to attend! WT6A will teach a Tech class come Jan. 14 at Irvine Valley College. XTJ contacts communications officer fer the Radio Control Marathon at Baker next Spring. The group asks fer OPs frm OCARC to help wid communications. IXN has no seismic announcements fer OPs, and QW, wid snow at Big Bear & another storm on the way, remains in the lowlands to work on his WAC award.

12/9 2m phone net - W6ZE/IXN checks in XTJ, ZH & TAM, RE, NG7D, RND, QW, VDP/BP, KE, WH, & XQR. XTJ's backyard is graced wid branches frm a fallen tree behind his wall, and IXN asks Jim fer the date of the Radio Control Marathon: May 15 & 16. More on the RC Marathon at Club meeting in Jan. TAM starts work as an Executive Recruiter. Looking fer an executive position?.. See Jane! IXN has no new seismic news, and ZH busies himself wid late arriving QSLs frm Zambia, Brazil, Granada, Norway, etc. And Chris is awaiting his DXCC award. RE's backyard, burgeoning wid water during last week's storm, empties the water, by shortcut, thru Alex' garage! RE also reads ARRL bulletins & airs Newsline. NG7D's water bill shud plummet wid 2 to 3" of fresh rainwater in the pool! But the rain did end Christmas shopping fer John's family fer awhile! RND missed the partial lunar eclipse at sunset tonite. And, John's friend in CT went frm Novice to Xtra in a year.. And he's a 'brasspounder' too! And IXN & RND have sumthing in common.. cracks in their fingers during dry WX! QW's shop is shut dwn fer 3/4 of an hour due to power failure. And Rolf & VDP erect the new R7 ant. at the QTH fer testing. NG7D & QW's 850s are still in 'Snailwood' fer servicing. And Rolf tells John that he doesn't need the amplifier in his MC-60 microphone. QW tells seriou County Hunter OPs to check in on the County Hunter's Net at 14.336 MHz. VDP checks in on battery power!.. a brownout at his QTH. Larry checks into the 160m contest last weekend; 50 contact last year, 69 contacts this year! KE gets a hailstorm in Mission Viejo, wid hail the size of peas. Wid a walk after dinner, Ke checks in a little late. Carmine sells the Century 21 (not realestate, Hi!) fer \$150, & he talks to us tonite on the 736 he just got bk frm Yaesu. And Carmine finds KD6EIG in Garden Grove, who will be on the 6m team next FD! XQR enjoys the rain & doesn't miss the SA winds. Byon, Frank & Carmine all VE'd wid XQR last Sun. at EICOM. And XQR will be visiting her family during the Christmas season. BWH

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measures 4.6" of rain in the guage, getting 2.85" in one deluge alone! IXN picks up KD6OUO, Harold, in Riverside, & KD6VUQ, Butch, mobile, in Ontario. Both are invited to join us on the net.

12/10 40m CW net - W6ZE/RND checks in IXN & NT. NT checks in only to hear the dinner call, so Ray 73's to put on the feed bag! Hi! XQR was out getting prescriptions & didn't get bk home in time fer net. RND & IXN discuss seismic activity on the Helendale fault, and, from Barstow on north to Breckenridge & Coso Junction, since John often stops at the Coso Junction Rest Stop on his way to Bishop!

12/16 15m phone net - W6ZE/AF6C checks in NGO, COJ, HHC, RND, IXN, & WT6A. Kei breaks out the old amplifier to warm the shack wid the finals. And, NGO is giving the shack a new look..new carpet, re-cabling, etc.! AF6C receives interference frm an ATV station, and Bob is surprised to see a \$200 steering wheel turn up at a 'white elephant' sports car party! RND looks forward to receiving AF6C's list of speakers, and, a list frm Fried Heyn, too! HHC, tired after his jaunt to Paris (France, that is!), and firming up operations at the new French affiliate, forgets erecting the new tower at the QTH fer the present! RND asks COJ abt a gift exchange at the Christmas Party, & John is finished wid the Christmas cards! IXN fools wid N6ZNC's 'Pasadena Vertical' to see if there is any correlation between local uplift in Pasadena, &, So. CA. earthquakes. WT6A helped HHC take the tower apart, & Bob is still enrolling members in the new Tech class!

12/16 2m net - W6ZE/IXN checks in TAM, RE, RND, BPX, NG7D, MPU, VDP, QW, & KE. TAM holds dwn the fort while ZH is out Christmas shopping. Jane, ZH, IBR, & IBP will be at the Christmas Party. BPX still uses the '4-legged cane' when walking on the rugs in the QTH, but Wyatt drove the pickup abt 50 mi. today! Right on, Wyatt! And BPX got a vy welcome \$300 bonus frm the Union today! RE busies himself wid service to wheelchair patients, and airs a long anniversary Newsline fer net OPs. RND works the 10m Contest over the weekend, getting more multipliers this time! John enjoyed Newsline, & tells OPs he'll see them at the Christmas Party. NG7D, QRP wid a QF1A filter installed, squeezes between the QRM to get 95 contacts over the weekend in the 10m CW contest. And John & QW get their 850s bk frm Kenwood. In NG7D's rig, the xmt/rcve switching failed, blowing up the front end of the receiver. MPU is busy at the Post Office, while the harmonic is busy hving a baby boy. Now Mick will be busier doing sum more Christmas shopping! Christmas shopping doesn't keep VDP frm monitoring 6m yesterday morn, wid a 2 or 3 hr band opening. Larry hears Tuscon, AZ, & Santa Rosa in N. CA.! QW picks up more counties in the Contest fer his WAC! And Rolf gets his 850 bk frm Kenwood..sumthing abt a filter plugged in the wrong place..pretty hard fer OPs to believe it too, Rolf! And QW will install a Yaesu 890 in the auto to solve communications problems at Big Bear! KE 'flies in & flies out' to other committments!

12/17 40m CW net - W6ZE/RND checks in IXN, NG7D, & NT. We all miss XQR who is visiting her parents in Ohio..Brrrr! IXN tells OPs of the 80 ft Tsunami that struck Indonesian coastal towns after the 7.4 earthquake last week. NG7D says the 850 has audio distortion and will hve to make another trip bk to Kenwood after the Holidays! RND tells John that the 850 does well on CW. And NT gives NG7D a 599 sig rpt.! NT gets the dinner call frm the XYL & has to QRT. And if RND sees an 80 ft tidal wave coming his way, it's goodbye QTH & hello surfboard! RND anticipates working a few contacts on strait key nite before the wrist gets tired! Wid most OPs busy the nite before Christmas, we doubt there will be a net! MERRY CHRISTMAS & A HAPPY NEW YEAR TO ALL!

12/23 15m phone net - Christmas Business! No net!

12/23 2m phone net - W6ZE/IXN checks in XTJ, RE, NG7D, BPX, QW, VDP, & ZH. XTJ enjoys the Club Christmas Party, & Jim & family will Christmas at his sister's house in LB. RE prepares fer both daughters, one before Christmas & one after! Alex airs an interesting Newsline, & reads ARRL Bulls. to OPs...Chinese amateur stations will be on the air Dec. 22 wid prefixes BA, BD, & BG!! XQR, busy, landlines IXN before net time. Wid Nieces, age 6 & 12, at NG7D's QTH early, Christmas was early. However, John & family will be busy at the after Christmas sales! QW intends to attack his Windows program in earnest! Rolf will enroll in a computer class! VDP has QW's 890 to play wid, and Larry also enjoyed the Club Christmas Party! ZH & TAM will motor off to Moreno Valley to IBR & IBP's QTH fer Christmas. ZH has the rest of the week off, but TAM has to work! And DXers!..ZH says ROMEO has taken on a new DX call sign: P5KS7, in N. Korea!BPX & Blanche will Christmas the night before..The youngest grand-harmonic will be 21! And Wyatt continues to drive the car & pickup, too!

12/30 15m phone net - W6ZE/AF6C checks in XTJ, RND, IXN, YZG, & XQR. IXN cudn't hear XTJ too well, but Jim is getting set up wid packet to work the Rose Parade. RND goes to Utah over Christmas & enjoys the icy snow crunching under his feet! And John prepares to work Straight Key nite! The 2m rig peters out on IXN.. He's thinking abt updating to a dual band rig! AF6C comes home too sick to get on the air by net time! And IXN has a touch of 'AF6C disease' tonite! YZG says that KI6DK, Ken Kenoshita, has been back in the Southland fer awhile, & Lu's health problems have been stabilized fer the moment! XQR enjoyed the trip back to Ohio, got Mom & Dad interested in becoming hams, and now has a new German Shepard companion fer added protection!

12/30 2m phone net - W6ZE/IXN checks in ZH & TAM, OPI, XTJ, RND, RE, AF6C, BPX, XQR, VDP, & QW. TAM entices ZH's tastebuds wid a plate of warm brownies & a diet coke! ZH still vacations but Jane isn't so lucky..It's back to work fer her! Wid 221 countries 'hanging on the wall', Chris replenished his QSL card holder supply! BPX wishes all a HNY, & he & Blanche will be at the Club breakfast. And Wyatt thinks abt meeting his new doctor in 1993! ONZ will be doing inventory on New Years Eve, & Cindy says ZH wud enjoy

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another DXer, N6OKU, father of a harmonic in Cindy's Troop! RND enjoys 9 deg. temps and 4 inches of snow on his trip to Utah. Now, John will play the guitar 3 different places tomorrow, work the Straight Key contest, and attend the Club Breakfast. RE plans an itinerary of ball games on New Years Day. Both daughters are back home, & Alex says new licensees can plan to wait app. 120 days to get their licenses after testing. RE also measures 6 1/4 in. of rain in the guage fer the season, and Alex airs Newsline. AF6C balks at the high prices fer smog inspections, but enjoys his vacation wid M.D. closed dwn over the Holidays! The kittys are getting used to the new German Shepard that invaded their territory at XQR's QTH. And Nancy announces her last issue of 'RF' wid the January issue, as new radio chores and gainful employment demand more of her time. OPs TAKE THIS OPPORTUNITY TO THANK NANCY FOR HER PAST VERY EXCELLENT EDITORIAL SERVICES DOING 'RF', AND FOR THE NUMEROUS HOURS DEVOTED TO THE AMATEUR RADIO SERVICE ADMINISTERING TESTS AS A VEC!! VDP enjoys checking out QW's FT 890 Yaesu rig. and Larry plans to 'play radio' over New Years Day. QW has the family home over Christmas, & Rolf debates whether to go to Big Bear, or stay home and play radio over New Years Day. IXN misses XTJ going down the list & apologizes to Jim fer the oversight! Jim builds up a power box fer portable packet in the Rose Parade. XTJ must work frm app. 9 am. until late afternoon or early evening!..Long day, Jim!

12/31 40m CW net - Wid RND playing the guitar fer 3 different performances, &, working Strait Key Contest, NG7D assumes acting NC. John checks in NT, IXN, ZH, & XQR. IXN tells OPs that Mammoth Lake Avalanche was not earthquake triggered. NG7D had a quiet Christmas after sending the 'noisy' nieces home after an early Christmas celebration. XQR figures out the proper procedure fer the strait key, & comes on board pounding brass! IXN & NG7D prepare for the 'lead shower' as foolish revelers shoot bullets into the air to welcome in 1993! NT says he has antenna problems, & NG7D tells Ray that he also has key clicks on his sigs. ZH is a 529 at IXN's QTH, & Chris is using a strait key tonite, too! XQR landlines IXN at net's end, as Bob finishes a QSO wid N7IJD, Forest, in Coos Bay!

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Starting Packet - Part 4

by Jim Roberts, N6XTJ

If you've been following along and spending a little time at the keyboard you are already way ahead. For those who wanted to read the last of the material before sitting down at the keyboard this will be a reference sheet.

What follows is a summary of many of the commands you'll find useful in starting. Some will very or not work in a given NODE but these will act as a starting point. The [] is information you supply then type in: the letters in the clear you type in directly as seen. The { } are remarks about use and are not typed in at all {they are not Packet-Gold commands anymore}.

You have to hit the enter key to send the information. I won't put in the ^M, it goes before the {comments}.

C [call sign] {to connect from your tnc or once on a node}
 C [call sign] via [digipeter's call] {not a Node's}
 ^C {to return your TNC to command mode from converse}
 D {to disconnect (you have to be in command mode)}
 Mycall [call] {to put in your TNC's call sign}
 Mheard {lists the calls heard recently}

Please look over your TNC's documents for other commands you will need. PK-Gold and some other packet only programs use a different command set. That is, you talk to the program and it talks to the TNC. If you are using a packet specific program, please read your program manual because the above do not apply. For example, in PK-Gold, to connect you type the call sign then the F7 key. To see the call sign in the TNC, you type Mycall then hit the F10 key to put it in: Mycall [Call] F10. You still send the commands below to the NODE or BBS as you see them here.

While on a Node

{use the whole word or just the capital letter will work for some if there aren't duplicates}:

? or H {to see a list of the available commands}
 Connect [call sign]
 Bye {to leave; on some}
 Nodes {to see other nodes you can connect to}
 Ports {switches have ports to other frequencies}
 Info {about the Node}
 Routes {to check the best way to another Node}
 Users {to see who's been on}
 BBS {to go to a linked bulletin board if there is one}
 CQ {CQ call to rag chew [try this one while you are exploring who knows who you'll meet!]}

While on a BBS

A BBS will show you a list of commands available when you sign on. The first time you will be asked to register before use. I will only show some of the more helpful commands and their meaning on LABBS as an example. Several of the commands are complex and I am not showing their entire significance please run a help (H space then the letter you want to use to see the full meaning while on that BBS). There is a help file in the file directory of many BBSs, download it at an off peak time for a great deal of information.

H {stands for Help - use by typing H D if you want help with D, **this command is the one to remember**}
 L {List available mail several of the commands can be used in more than one way e.g. LL # will list that number of bulletins back, LM will list your mail just L will list bulletins etc.}
 S {System status if used without other letters}
 SP {Send personal needs to have a call and address e.g. SP N6XTJ @ K6VE.SoCa.CA.USA}
 R {Read needs a number of the message to be read e.g. R 7853}
 K {Kill needs a message #}
 N {enter your user information}
 W {What files are available e.g. WP will show the available files in the packet subdirectory}
 D {Download}
 U {Upload}
 I {Information on the BBS}
 I [call] {Information on an operator from the database}
 J {ports where available}
 T {chat with the sysop}
 B {BYE}

Not all systems are the same or use the same commands but don't be intimidated. Most will answer either H or ? with help information. When unsure what a command on a bulletin board is type H followed by the command letter. Such as H D ^M with the download procedure or H S ^M will help you send mail.

Nothing ventured, nothing gained. Explore the system. Learn what it can do for you. Don't forget the packet cluster is out there too. There are "worm holes" to other parts of the country. The whole world are on digital modes out there. There is HF Packet, Amtor and RTTY if you grow weary of VHF Packet. I may even go back and do some CW (if I can get past the awful sound it makes). I hope you enjoy Packet as much as I have. With a little time on the air your knowledge will exceed mine if it doesn't already. 73 DE N6XTJ

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INTERFERENCE

Resolving Television Problems W6HHC, Ken Konechy	Aug 90
Telephone RF Interference W6COJ, Dave Hollander	Feb 91
Television RF Interference W6COJ, Dave Hollander	Mar 91
Resources for Solving K0OV, Joe Moell	May 91
Understanding and Identifying CATVI KD6MR, Jonathon Kramer	Nov 91

PACKET

2 Meter Bandplan W6HHC, Ken Konechy	Sep 90
Stolen Ham Gear? N6XTJ, Jim Roberts	Sep 90
The Racket of Packet AF6C, Bob Eckweiler	Oct 90
Motel Packet N6XTJ, Jim Roberts	Nov 90
TNCs, C-64 Computers, etc. AB6CH, Bob Gregg	Dec 90
Floppy Drives and Diskettes N6VFS, Harry Warner	Jan 91
Schools in Need of Packet Pals	Feb 91
BBS for Radio Modifications N6XTJ, Jim Roberts	Jul 91
NTS/WF6O BBS	Oct 91
Connected (Worldwide) AB6FD, Brad Freeborn	Nov 92
Starting Packet Part 1 N6XTJ, Jim Roberts	Oct 92
Starting Packet Part 2 N6XTJ, Jim Roberts	Nov 92
Starting Packet Part 3 N6XTJ, Jim Roberts	Dec 92
Starting Packet Part 4 N6XTJ, Jim Roberts	Jan 93

QRP

The Two-Fer II Part 1	
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NG7D, John Christopher	Aug 91
The Two-Fer II Part 2 NG7D, John Christopher	Aug 91
QRP Parts and Kits Dealers NG7D, John Christopher	Jan 92
What the Heck Does 72 Mean? NG7D, John Christopher	Jan 92
QRP HF Fun and Educational WA3JPG, Clark Turner	Sep 92

REMOTE BASES

1990 Rose Parade Mobile WA6TWF, David Corsiglia	Dec 90
1991 Rose Parade Mobile N6VMS, Bill Freyfogle	Jan 91

SEISMIC/EMERGENCY

Obtain Plans for Seismometer WB6IXN, Bob Evans	Aug 90
Earthquake	Jul 91
Crystal Controller AF6C, Bob Eckweiler	Jul 92
Earthquake Info N6XQR, Nancy Bucher	Aug 92
On-Scene Emergency Communication WB6NOA, Gordon West	Nov 92

SPECTRUM

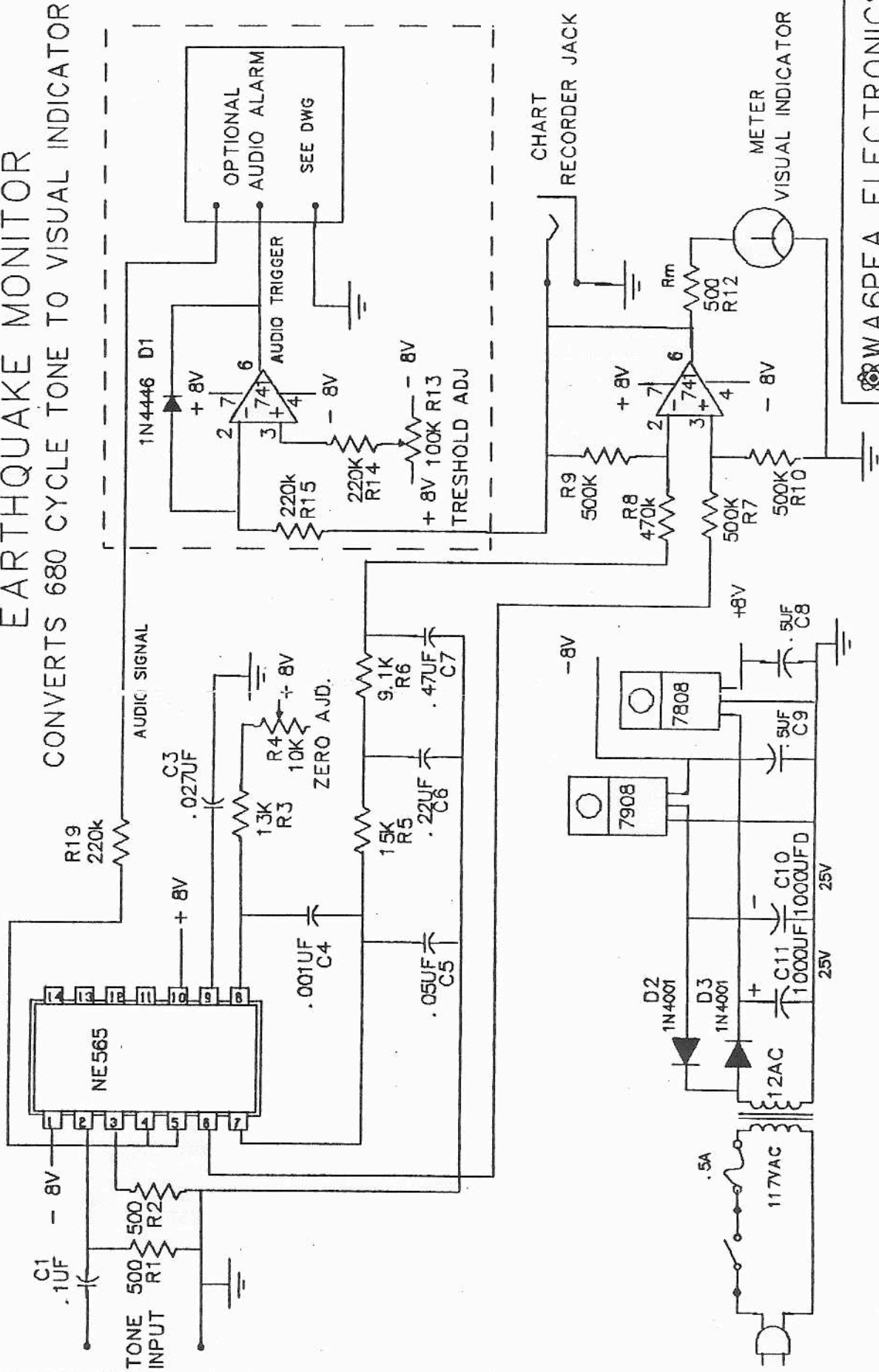
Com'l 900 MHz Spread Spectrum LANs WA6ZFY, Kent Hastings	Nov 90
220 Band Plan N6XTJ, Jim Roberts	Jun 91
No FM Below 300 WB6NOA, Gordon West	Aug 92

MISC

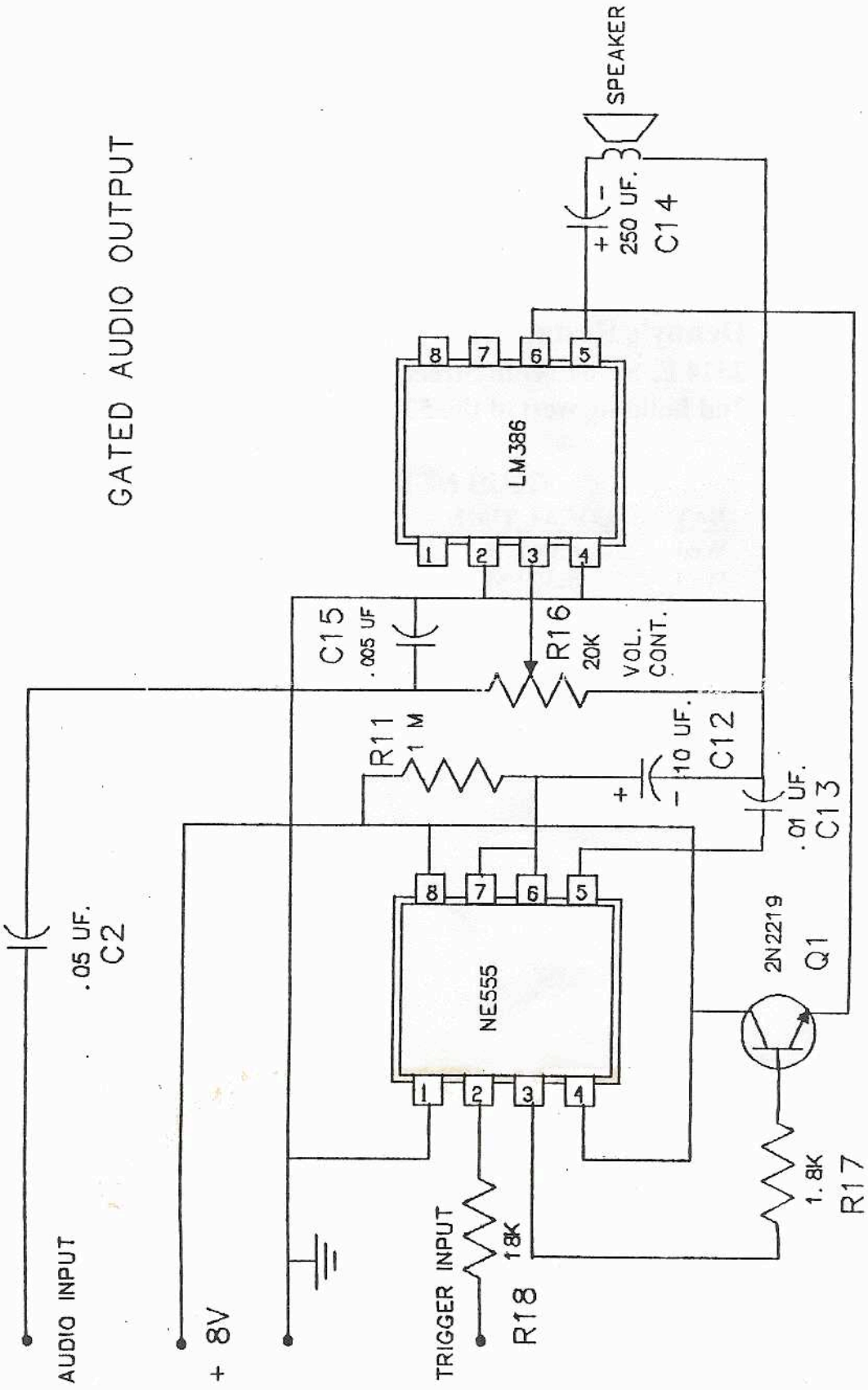
Newport Amateur Radio Society WB6IXN, Bob Evans	Sep 90
FCC Creates No Code Tech	Dec 90
Grounding the Transceiver WA6VKZ, Frank Smith	Jul 91
S-Meters N6WNE, Roger Loller	Sep 91
Mobile Installations AB6KQ, Linda Davis	Mar 92
HF Mobile Installations AB6KQ, Linda Davis	Apr 92
History of CA Call Signs KD6FLT, Greg Stevens	Apr 92
Innova Power Pack NG7D, John Christopher	May 92
Motorcycles and Amateur Radio KD6FHN, Ray Davis	Jun 92
OSCAR Satellite Operation AB6KE, Carmine Fiorello	Aug 92
Cross-Banding with Dual Band Rigs WB6NOA, Gordon West	Oct 92

EARTHQUAKE MONITOR

CONVERTS 680 CYCLE TONE TO VISUAL INDICATOR



WA6PFA ELECTRONICS
 DESIGN E.L. THOMAS
 DATE SEPT. 28, 1992



GATED AUDIO OUTPUT

WA6PFA ELECTRONICS
 DESIGN E. L. THOMAS
 DATE NOV. 6, 1992

**GENERAL
MEETING**

January 15th

February 19th

March 19th

**BOARD
BREAKFAST**

February 6th

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



First Class Mail

Time-Dated Material.

Please Rush!!

