The Contest JUG

Post Office Box 2025 Castro Valley, California 94546

A Publication Of the People, By the People, For the Birds

No. 37 June 1975

Pres.: WB6CEP. VP/Contest Chmn: WA6DIL. Sec/Treas: W6KHI. Directors: WB6AIN, WB6DSV, W6RGG. Editornado: WlARR/6. Accompanying Gusts: WA6NLQ.

PREVIEW OF COMING DISTRACTIONS

June	14-15	ARRL VHF QSO Party
	21-22	JARL All-Asian DX Test (SSB)
	23	NCCC Club Meeting, American
		S&L Bldg, Hayward, 7:30 PM
	28-29	ARRL Field Day
July	1	ALL \$6 ASSESSMENTS ARE DUE!
	6	FD Celebration Picnic, 13820
		Page Mill Rd, Los Altos
		Hills, 2 PM or so
	12-13	ARRL Open CD Party (CW)
	19-20	ARRL Open CD Party (SSB)
	28	NCCC Club Meeting, American
		S&L Bldg, Hayward, 7:30 PM

THE GRAND POOBAH HUMBUGS

You remember Samson, of course -- the Biblical character who was chained between the columns of a temple. With sheer brute strength, he destroyed the columns and brought the temple crashing down.

The JUG Head is not impressed. After all, our Club President can destroy columns simply by writing them. Watch your heads, everyone:

Since the postperson has really been stuffing our Editurkey's mailbox this week, I'll try to keep this relatively short. Our June meeting program will focus on Field Day operating strategy and techniques. Besides the usual discussion of how to keep the rate up, which bands/modes to operate when, etc. we are going to actually demonstrate various techniques in a simulated contest situation.

Starting with five stations (one calling CQ, four answering), we'll successively add more stations and more specialized techniques, winding up with the whole group participating in a mini-contest on each mode. BRING A KEY, A CODE-PRACTICE OSCILLATOR and some THROAT LOZENGES to the meeting!

The following rumors are absolutely false: MH, fresh from NPG, is bringing along a 20W phono amplifier; OAT is borrowing three CPO's from NIN, with his toothbrush as collateral; EBB will show up with a 6' fold-over stepladder; OKK and DSV are swapping keyers for the event; AHF is bringing his voice-to-Morse

converter; HAF will attempt to operate with no speaker -- it was ripped off (literally) by the City of Davis; PAA plans to go single-multi and has been practicing every night for the past two weeks.

Newsletter of the NORTHERN CALIFORNIA CONTEST CLUB

Many thanks to K6HIH for having lined up our May meeting place -- and best of luck to all in the VHF QSO Party, All-Asian SSB and Field Day. -- 73, Bill, WB6CEP.

WHAT ARE YOU DOING THE REST OF YOUR LIFE?

That's none of our business, actually, as long as you do it with a consenting adult. However, you may find it helpful in your more immediate planning to know that all regular meetings between now and December will be held at our semi-quasi-pseudo-regular meeting QTH, the charming and talented American Savings & Loan Building in Hayward.

On the other hand -- nay, on the other shore -- all irregular Club meetings (yes, even NCCC suffers from occasional irregularity) will take place in the SCV section. These activities are, viz., the post-FD celebration (Los Altos Hills), the lst annual picnic (mid-Sept.) and the Christmas/awards banquet (frequently scheduled around Dec. 25).

AH SO! AMERICAN DOG IS 59+

Judging by the almost unblemished non-response to WB6AIN's plea for stationless ops and operatorless stations to contact him, all NCCC'ers are prepared to meet the inscrutable East (no, not W2) in the forthcoming All-Asian voice affair. Starts 1000Z Saturday, June 21; ends 1600Z Sunday, June 22. WPX rules apply for multipliers. Tell the guy his signal report plus your age -- and he, in the true spirit of peaceful negotiation, will tell you your signal report plus his age! (YL's will substitute "oh-oh" for their age.)

It all sounds a bit simpleminded, to be sure. But that's all the more reason why our Club is ideally equipped to compete. Besides, here is a golden opportunity to add Japan to your DXCC list. Gang, this SSB weekend was created almost entirely in response to NCCC request -- so let's go get 'em.

DIVISION OF LABOR PAINS

Requests for extra copies of the JUG, complaints about not receiving the latest JUG (or complaints that you did receive it), requests that So-And-So be added to the introductory mailing list (three issues) -- all of these matters are handled by WA6NLQ. Stu has all the left-over JUGs and he also has the stamps. Please do not dump these requests on the kindly but much-harrassed WIARR, who only has to turn around and relay them to NLQ.

On the other hand, <u>do</u>, by all means, notify the JUG Head of any changes in addresses and telephone numbers. They'll be published in the JUG and noted by K6CQF, who will make the appropriate change in the Club roster.

On a vaguely related topic: NCCC members who have been dropped from the mailing list because of lack of activity are always welcome to rejoin the flock -- provided they turn in their activity questionnaires and \$6 assessment to W6KHI. Quid pro quo and all that sort of thing.

FIELD DAY CELEBRATION PICNIC

Barbecue, booze, bikinis and b.s. (not necessarily in that order) form the raison d'être for this summer semi-spectacular hosted by Bill (WB6CEP) and Barbara Zachary. The date: Sunday, July 6, at 2 PM or thereabouts. The place: 13820 Page Mill Road, Los Altos Hills.

If you will kindly bring your own booze, swimsuit, towel and YL (again, not necessarily in that order), Barb and I will provide the pool, ice, grills and food (donations for the latter will be gratefully accepted). PSE let us know if you plan to come so we can make arrangements accordingly: RSVP to 841-9689. (Picnic QTH number is 948-0867.)

And finally, heed the prophetic incantations of the oracle at Delphi: "The NCCC star will shine brightly in June and will climb to its zenith in November." GL in the contest es CU at the party. -- WB6CEP.

DENNIS, ANYONE?

The Club assessment of \$6 is beginning to trickle into our bone-dry treasury, with about 20 members paid up so far. Your money will be accepted gratefully until the July 1 deadline -- and slightly less graciously thereafter. Members who joined between July 1974 and Jan. 1975 have their assessments pro-rated at 50¢/month. These funds pay for the JUG and our special activies: Cal. QSO Party, SS, awards, etc.

In addition to these assessed funds, as

Treasurer I have received donations, "accidental" overpayment of dues, free materials and services, payment of Club expenses by members who "forget" to submit a bill -- so all in all our assessment goes a longer way because of our enthusiastic membership. Tnx, everyone!

SHARES (State Health Amateur Radio Emergency Service) is the club behind that beautiful antenna system atop the Calif. Dept. of Health in Berkeley. Several NCCC members have been invited to the next meeting, and we will reciprocate by inviting them to our meeting. They are a group of operators with a good record in the field of emergency services -- looks like the kind we should get to know. -- W6KHI.

Your JUG Head reminds one and all that, unless everyone comes through with that \$6, our treasury will be in serious shape by this fall. Each issue costs between \$25 and \$30, totaling printing and postage. Very shortly, WlARR/6 will no longer be able to supply free paper, so figure a couple bucks more each time from then on. And if the rumored postage increase becomes a reality . . . dig? Dig we must!

Those members who do not pay up by July 1 will shortly thereafter be visited by a squad of burly thugs who have been instructed to inflict bodily harm about the head and groin.

Anybody crass enough to complain that \$6 too much, may be surprised and chastened by this revealing quote from the May ARRL Affiliated Club Bulletin (courtesy W6OAT):

"The average (affiliated) club in 1974 contained 42 members, 18 of whom showed up at meetings and each of whom paid an average of \$9.54 dues annually . . ." (emphasis ours).

NPG WHIZ KIDS

At K6UWR's East Bay Section meeting on May 31, W6ZF, coordinator for Armed Forces Day operations at NPG, announced the results of that contest: NPG 2479, AIR 1650, NAM 1160, WAR 800 (QSO's). Thus NPG stretched its winning streak to 5 in a row and set a new alltime QSO record this year.

Ron (W6ZF) allowed as how he was rather impressed by the ops from the NCCC. -- WB6CEP.

THE WORLD ABOVE 50 MEGA HURTS

"Chacun à son goût." Bill, K6QAX, has sent in all the poop on the June VHF QSO Party -- which, depending on when you receive this JUC either will be upcoming or was downgoing.

Anyway, in hopes that you get this in time, be advised that this affair starts at 1900 GMT on Saturday, June 14, and ends at 0600 GMT on Monday, June 16. K6QAX will be looking for

QSO's on 50 MHz (SSB 50110-50250, AM 50250±), 144 MHz (SSB 145050-145450, AM 145800±, FM 146850, 146970, 147030) and 220 MHz (AM 220-222). All NCCC contacts will be appreciated.

Carl, WA6JUD, will be out with the K6KLY/6 coup on Mt. Diablo with some really super gear. Look for KLY on 50110 (CW/SSB), 52525 (FM), 145050 (CW/SSB), 145350 (AM) and all over the band on FM, 222.0 (CW/SSB), 223.5 (FM), 432 (CW/SSB), 444 (FM), 1296 (all modes).

NEW FACES AND NEW PLACES

See that "Applause" sign over there? When it lights up, you will clap enthusiastically as the following brand-new NCCC'ers prance across the stage:

W6ZT Harry A. Kline

281 Buena Vista Drive Santa Rosa, CA 95404 (phone 707-542-1913)

W6ZRJ J. A. (Doc) Gmelin 10835 Willowbrook Way Cupertino, CA 95014

phone (H) 408-252-3139

(B) 408-735-6222

) Harry, W6ZT, is 69, holds an Advanced and nas been licensed 49 years -- far out! Used to sign W7TS from Seattle and KR6DT somewhat west of Seattle. In 1968, he retired as Chief Engineer of the West Coast station of the U.S. Foreign Broadcast Information Service. Harry's station lineup features a Swan 350 transceiver, tribander and 60' vertical, all of which will be found on CW about 8 operating minutes out of every 10. An Al Op, he loves all contests and is particularly looking forward to the Cal. QSO Party this October. Harry is having problems with his 40-meter phased verticals and would appreciate hearing from any Club member who might be able to suggest solutions.

Doc, W6ZRJ, needs no introduction.

Roster changes? Try these:

K6AHV 53 Tappan Lane

Orinda, CA 94563 (same phone number)

K6CQF 750 Stierlin Road #33 Mountain View, CA 94043

phone (H) 968-0573

(B) 494-7400, x-5320

W6GFS phone (H) 408-733-4074

W6KHI phone (B) 666-1701 (eff. 7/1)

W6RGG phone (B) 785-0028

FROM ASIA WITH REGRET

Don Riebhoff, K7CBZ/XU1DX, was the guest of honor at a special (and hastily called) joint meeting of the NCCC and NCDXC on May 28. A group of about 30 local contest/DX addicts watched a 25-minute film and listened to Don's fascinating account of life in Cambodia, those last few traumatic days before the pullout, and DX contest operations from XU1DX and XV5AC (see May CQ for writeup and pix of XU1DX's lst-place Asia, 5th-place world CQ WW phone effort).

Many thanks to W1HZZ, W6RGG, W6ISQ, WA6VEF and K6SSJ for their help in putting this meeting together -- and special tnx and good luck to Don in his new CT1-land assignment. -- CEP

Stop the presses! Editorial oversight! We forgot to tell you how to get to the FD picnic site in Los Altos Hills. Easy: from Highway 280 (Interstate), take the Page Mill Rd exit WEST (not East, which goes to Palo Alto) until you come to 13820; it's on the left.

GO VFO!

Hint for June meeting-goers: a code oscillator with a variable-pitch control will give you a distinct advantage in the CW mini-contest. If your CPO doesn't have one, try opening various leads (B+, key, speaker), inserting a 10-25K pot in series and seeing what effect that has on pitch and volume. Leave the pot where best results are obtained. -- WB6CEP.

PASTEBOARD POOP

Have you ordered your NCCC QSL's yet? They may be cheapies but they're mighty nice-looking regardless. As of June 16, they'll be slightly less cheapie, however: \$10.75 for the first 900, then \$9 per 900 thereafter. That includes shipping costs. Why the odd quantities? Cuz it has something to do with the size of the container they're shipped in, or something. The OM to contact is WB6DSV.

By the way, the printer will be on vacation for quite a bit of the summer, so patience is required even if you get your order in right away. They might not arrive till Sept. or even Oct. but they're worth the wait, we think.

BULLETIN BOARD

WB6CEP, work 642-1871).

FOR SALE: 2 xtals, NCDXC repeater freq, for Motorola HT220 VHF xcvr; \$10 for both. (Jerry, WA6AVR, home 574-1697, work 494-7400 x-4600).

. . . Roberts stereo headset w/ stereo-mono switch, dual volume controls; \$17.50. (Bill,

... not exactly what Dave had in mind, if anything. But let our Contest Chairperson put it in his own words of one syllable:

The month is June and the thoughts are of Field Day! The tower at Oli's is going up piece by piece and is up over 60 feet by now. If you want to operate with the W6OAT/6 gang there and haven't been contacted, then get in touch with us. Also, the W6PAA/6 group of NCCC/San Carlos RC is also in need of ops, so if you think you're gonna just stand around and drink beer, like Bob Vallio, you're wrong -- never a dull moment. The site at QGW's is nothing short of fantastic and the PAA group has big antenna plans, so join in the fun.

Other contests coming up, as you know, are the All-Asian SSB and the July Open CD Parties. The CD Parties make a good tuneup for the Cal. QSO Party in Oct., which in turn makes a good tuneup for the Nov. SS.

Have fun in the All-Asian, and CU at the meeting on the 23rd! -- Dave, WA6DIL.

NET NOTES

W6RGG passes along the NCCC Net QNI stats for May: 4 - WA6HAF K6ILM WA6JVD K6UWR. 3 - WB6AIN K6HIH. 2 - W6BB (WB6CEP) WB6DSV W6KHI W6RNF WA6TLV. 1 - VE7AUA/W6 WA6DIL KE6ITU (W6RGG) WE6ITU (W6NJU) KY6ITU (W6KYA) K6KM W6OAT W6OKK WB6OOL W6RGG WB6RQR WB6ZVC. Total QNI 44 for 4 sessions.

The Castro Vallio also informs us that, as of June 24, the <u>formal</u> net will start at 7:30 instead of 7. This allows more time for people to get home, finish supper and whatnot. However, an informal bull-session will begin at 7 so we can "reserve" the frequency. Our net meets every Tuesday night on 3815; all are welcome to check in.

AWWWWWWW, DOC . . .

You didn't <u>really</u> think we weren't going to introduce you, did you?

Doc, W6ZRJ, is Director of our ARRL Pacific Division and has been holding down that post for more years than your JUG Head can remember. He's 47, holds an Extra and has been licensed 28 years. He teaches at Fremont High School in Sunnyvale.

A half-and-half man when it comes to mode preference, Doc sports an SB101/601 into a pair of 4-400's, SB1000 final, Collins 51J4 and Collins 310B. He didn't mention any antennas; maybe he just opens a window?

Doc hasn't missed a Field Day since 1948, hits most of the contests now and then and is a member of the Al Operators Club. We hope to be seeing the good Doctor at some of our meetings soon.

THE BUREAU BEAT

There was a very decided improvement in reporting this month, as many of our "bureaucrats" came through in FB style. East Bay, San Francisco and the San Jose area of SCV all furnished newsworthy items; Sac Valley and the rest of SCV decided that silence was golden.

EAST BAY (via WB6CEP, WA6DIL, WA6GSN and W6OAT. It appears that the big contest effort in one area this month will be at WA6AHF, with Rubin (who has just received his 5B-DXCC) going full-blast in the AA phone. He claims we won't hear him on 80 till this fall -- nothing personal; it's just that he's going to take down his aerial for that band. . . Also having a go at the All-Asian will be K6UWR and W6ITD, with Chuck trying to get his quad working in time and Bob homebrewing both a transmitter and a receiver in time to participate in the contest! That's the real Club spirit.

On the move recently was <u>WA6TQK</u>. Don went south (all the way to Union City) and he hopes to get his tower up soon. How about letting the JUG know your new address and phone number, Don? . . . <u>WB6ION</u>, brand-new Drake line perking away, found a VRIAC pileup and cut throubit quickly. Rich also boasts a new 11-element beam for 2 meters. . . . The biggest news of the month comes from <u>W6RGG</u>, who, when asked if he had any news to report, was speechless! He finally allowed as how he's finished sending out all KE6ITU cards in reply to those he got.

WA6VEF, at the tender age of 16, seems to have contracted Terminal Contest Disease. Gary is looking for a small tower to buy, plans to join the WA6WGM/6 FD operation in the Santa Cruz Mts., and also intends to add OVS and OBS appointments to his OPS. . . . That means WA6GSN will no longer be the sole OVS in the EBay Section. Trying to console himself with his new 450 xtals for the Club repeater, Mitch found that WR6ADM couldn't hear him. His fervent hope is that the gadget gets moved soon!

WA6NLQ, who's about to be freed of school worries for a while, is peeling like crazy from a bad sunburn -- lots of UV in that rarefied air at the OAT/6 FD site! . . . WB6IPC is the newly elected President of the UCARC (W6BB) -- congrats, Fred. . . . W1ARR/6, who will be with Murphy's Marauders on FD, advises that the call to listen for will be W1VV/1. . . . WB6CEP/1 has received permission to operate FD from Vollmer Peak in Berkeley -- that's the one that looks down on Grizzly Peak.

K6AUC contemplates 80- or 40-single in the

All-Asian phone fracas if he can rejuvenate the station by then. . . . W6MAV and family will make tracks for Yellowstone National ark around the middle of June. . . . WB6ABK QRL finishing up school at UC Davis and will be working this summer from Enchanted Hills, where he already has a bunch of wire antennas strung up in the tall pines. Mike will operate the CW AA from WA6DIL, then head for school in Lebanon (OD5-type).

K6AHV has been busy moving into the new house he's just completed. Bob says antennas should be up in 3 weeks or so, as soon as his Tri-Ex 5100R arrives. Hmmm, sounds like 53 Tappan Lane is about to become quite a ham radio outlet. . . WA6DIL, about to put his tower up, can't decide what should adorn the top. It's rumored he seeks quad spreaders -any help? . . . WA6JUD, in addition to going out with K6KLY/6 in the June VHF QSO Party, recently picked up two new states on 6M and now needs only Maine for WAS on that band. . . . K6ZM has his 20M spiral array straightened into a Yagi once again and has been building a memory IC keyer. Go, Phil!

An outstanding EBay effort this month!

SACRAMENTO VALLEY (via W60AT). WA6JVD has plied for 5B-DXCC. Nice going, Norm.

SAN FRANCISCO (via W6KHI and W6RNF). SF sleeps undisturbed nowadays since W6RNF got professional help from WB6AIN in solving his burglar-alarm interference problem. Greg has promised to keep Dean in beer after the Club meetings for the rest of the year. RNF has applied for ARRL Life Membership and awaits the arrival of his new Curtis keyer so he can put the ol' straight key in mothballs. . . . Effective July 1, Del Norte County will be transferred from the SV section to the SF section. Didn't take W60AT long to begin empire-building. Rusty, who's off on a biz trip to the Southwest and Southeast, informs us that W1YL has promised that Sept. QST will carry complete rules & info on the Cal. QSO Party. (Sri, forgot to credit OAT at top.)

K6ILM plans to operate 450-MHz gear from his QTH as well as aeronautical mobile from his plane. Maybe we can get Elliott to fly the Club repeater! . . . W6NUT, WB6AIN, W6-KHI, W6RNF, W6OAT, W6BIP and W6ZT all plan to operate the AA phone -- that's most of the ection!

SANTA CLARA VALLEY (via W60AT, WB6EXW, WB6DSV and W6HJP). W6LPM has just purchased a new house in San Jose and is already planning for the antenna farm. . . . K6ERT has devised a new "special" 80M antenna and is

running tests on the prototype now. If it works -- look out! . . . So as not to be out-done by JA3USA, WB6EXW went up to SF and passed his Advanced. That feat sort of cancels out the revelation that Gary has been missing Club meetings because of -- playing softball! Well!!!

W6NLG is experimenting with loading his insulated tower on 80M. . . . K6KM will miss both the AA and FD, but Bill has a good excuse -- he'll be in the midst of a round-theworld trip that includes stopovers in Teheran, Kathmandu and Hong Kong. Most of the rest of us have to settle for such exotic spots as Vacaville. . . . WB6LPK is being sent to KH6 for two weeks and hopes to be on from there for FD. . . . With considerable pain, W60KK is converting from bug to keyer. Pat and George (WB6DSV) are working on their "secret weapon," an 80M wire like the one at AHF. According to K6ERT's talk on that subject, it should play.

K6ZX has been snowed under with work but thinks he's beginning to see the light at the end of the tunnel. Dough is even toying with the idea of replacing his "temporary" longwire with a beam for the SS. . . . VE3DXV/W6 is off on a 3-week backpacking trip to the Sierra. Adam will be spending FD on top of Mt. Whitney with no rig! Sigh. . . . W6GFS, from whom nothing had been heard for quite a while, has spent the last several months starting up a new company. Bob hopes to have "something on 15" (6 elements) for the AA and fullband capability for the winter contest season. Right now he's looking for a new tower to support his 5-el 20 and 2-el 40.

And finally (all right, all right, "last but not least"), W6HJP has been keeping QRL planning the Field Day doings for WA6GFY. Greg eagerly awaits his QSL cards so he can begin answering the fan mail from his FMØBQQ operation last April.

Well, that's what's new as received here at Network Headquarters. How about some bureaucrats from the Sacramento and upper SCV areas next month?

WA6HAF AND HIS INFERNAL TOWER

Ronn has forwarded us a copy of his most recent communication with K6AN, his lawyer (or at least legal advisor) in the smoldering feud with the City of Davis, which seems to have the notion that it has the authority to bodily remove antennas it finds esthetically offensive. The letter is long (more than 4 single-spaced pp.) and lugubrious. Ed Peck is an expert on such problems, though, so the outcome may yet be a happy one. But at the present, HAF is inclined to become a hermit.

NEXT MEETING

Good grief, how did we get this far without telling you about the next Club meeting?
It's Monday night, June 23, at 7:30 PM (not
7:45, not 8, not 8:15, pse). QTH: American
Savings & Loan Bldg, 22533 Foothill Blvd,
Hayward. That's in downtown Hayward between
A and B Streets; any East Bay road-map shows
it. We just plain don't have space for maps
this month, as you can see.

Parking is no problem -- there's a large lot behind the building, which is also where the entrance to the meeting can be found. Proceed up the stairs to the 2nd floor and listen for the unmistakable sound of b.s.

After the meeting is adjourned, everyone heads for the very nearby (you can walk to it) Round Table Pizza, there to quaff suds, munch pasta and swap lies. Those under 21 are just as welcome even though they're Pepsi Generation.

Don't forget to bring all that junk that Bill specified in his Presidential Massage on the first page.

FIELD DAY SITES FOR SORE EYES

Speaking of not having room for maps, we don't have room for maps; and that includes maps to the FD sites. If you don't know how to get to the site of your choice (OAT/6 or PAA/6), contact another member who's headed for that operation.

W60AT/6, a 3-xmtr entry (at this writing, anyway; it could end up 2-xmtr), will be located on Los Palomares Road between I-580 and Niles Canyon Road, out in the wilds of unincorporated Alameda County. WB6DSV, WA6-QCW or WA6DIL can supply directions.

W6PAA/6 will be out to top the 5A field.

This operation, a cooperative venture of NCCC and the San Carlos RC, will take place in San Carlos from a QTH off Hillcrest, west of Hwy 101, El Camino and Alameda de Las Pulgas. To find out more, talk to WB6AIN, W6PAA, W6RNF or W6KHI.

STATIONS OF THE MONTH

The Armstrong computer picked these lucky OM's to be featured this month:

K6KWN, out in the wilds of Plumas County or Amador County or somewhere where the air is pure, has a Swan 500CX, an HB180CW, an electronic keyer and an SWR meter. Radiation is accomplished by means of a 4-element triband beam and dipoles for 40 and 80. Chuck wishes he were not quite so remote from Club activity but promises to kick butt in SS.

What's THIS? W6RGG? Computer malfunction! Anyway, Bob claims to have a 75S3, 75A4, 32S3, 30L1, Curtis EK420 and KM420. Up in the sky are a 3-el 20M beam @ 55' plus dipoles for 80/40 and 15/10. He has recently been heard to mutter something about better antennas by SS time.

Smitty, W6JZU, is fortunate enough to be the owner of two complete stations. One has a Kenwood TS900 and external VFO to a Henry 2K-3 amp; the other sports a Kenwood TS520 to a 3K-4 amp. Aerial hardward includes 5L for 20, 5L on 10 and 15, and inverted Vees for 80 and 40. In the Conspicuous Consumption Dept., Smitty lists an R390 rcvr under "accessories." Hmmmm . . .

And our ingenuous - er, ingenious - VP/CC, WA6DIL, uses a Drake line (R4A/T4X) into a final with four 811A's. Dave's antennas are inverted Vees @ 60' for 80 and 40, and a TH6-DXX at 11' "for now."

NEXT DEADLINE: JULY 14. 73, WIARR/6

NORTHERN CALIFORNIA CONTEST CLUB P. O. Box 2025 Castro Valley, CA 94546





FIRST CLASS MAIL

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