

The Contest JUG



Newsletter of the NORTHERN CALIFORNIA CONTEST CLUB
3130 Raleigh Court
Fremont, California 94536

No. 42
November 1975

Kick Butt ... Kick Butt ... KICK BUTT!

Pres.: WB6CEP. VP/Contest Chmn.: WA6DIL. Sec/Treas: W6KHI. Directors: WB6AIN, WB6DSV, W6RGG.
JUG Head: W1ARR/6. Folder, Stapler & Mutilator: WA6NLQ.

PREVIEW OF COMING DISTRACTIONS

Nov. 19 NCCC Club Meeting, W6RNF, 7:30
22-23 ARRL Nov. Sweepstakes (phone)
24 NCCC Club Meeting, American
S&L Bldg, Hayward, 7:30
29-30 CQ WW DX Test (CW)
Dec. 6-7 ARRL 160-Meter Contest
13-14 ARRL Ten-Meter Contest
20 NCCC Annual Christmas/Awards
Banquet, San Jose

THE PARTY LINE FROM YOUR PREZ & MINE

Got those No-Doze Tablets at the ready? You'll need 'em, because WB6CEP is about to launch into another of those droning monologues. Need we say more? No. Need he say more? No -- but he always does:

Boy, were condx rotten on Sunday! However, a gutsy group of NCCC CW freaks still did a pretty decent job of shoveling excrement against the propagation tide, so far as I could tell from up at K6CQF. Please get your score to a Contest Coordinator ASAP so we can see where we stand at the Special SS Phone Meeting on the 19th.

Speaking of phone, propagation for the entire phone weekend is predicted to be high normal, so we can hopefully look forward to a lot more 15-meter activity that was sorely missed the first weekend. With a super all-out effort from every member, we just might pull off that #1 miracle from the West Coast!

We had a terrific meeting in October, with 29 new members joining. Welcome to the Club, fellows. ARRL Hq. General Manager Dick Baldwin, W1RU, was a guest at the meeting and asked how we felt about shortening contest writeups and score-listings in order to make room for other material in QST. If you did not get a chance to pass along your opinion to him then, you might drop him a line.

SS panelists W1ARR/6, W6OAT, WB6DSV and WA6DIL did an excellent job of covering SS strategy and tactics at the meeting. The only suggestions that apparently flopped were

(1) when to operate 15 and 10, and (2) how to work a VE8 -- but things will be different on phone, right?

A Special SS Phone meeting is scheduled at W6RNF's place on the 19th, while our regular meeting will be in Hayward on the 24th, right after the contest. The program for both meetings is -- obviously -- what happened in SS. Please bring rate sheets, summary sheets and check sheets to both meetings for comparison purposes.

Hope to CU at the home of a Really Nice Fellow. -- 73, Bill, WB6CEP

SOIRÉE AT GREG'S

This Wednesday, November 19, will find us clustered at the QTH of W6RNF (1626 14th Ave., SF) for a pre-SS phone rally. Since business will be conducted, it will count as a regular Club meeting.

Directions: From the Peninsula or the Bay Bridge, take Hwy 101 north to the Fell/Laguna exit. Go west on Fell St. about 3 mi. to Lincoln Way, which cuts through Golden Gate Park. Take a left on Lincoln Way and go about 1 mi. to Funston (between 12th and 14th Avenues). Left on Funston and go south up hill. At T intersection where Funston ends, take a right and continue to where you see a 3-way intersection ahead of you. The middle road is 14th Avenue. Parking shouldn't be too much of a problem. Meeting time: 7:30. We'll either go out or send out for pizzas afterward.

CW SS AT A GLANCE

This issue of the JUG is being assembled in unusual haste so that it will be received well before the meeting on the 19th -- therefore, we can offer at this time only a few of the bigger scores that have dribbled in to us. A complete and comprehensive wrapup will appear in the December JUG. You big scorers, please hold on to rate sheets, band breakdowns, etc., so those statistics can be included.

Bear in mind that the following scores are so raw they'll give you food poisoning if you

try to eat them:

WA7NIN (W6OAT) 1089-74, W6MUR (W6PAA) 964-73, W6MSF (WAØENP) 811-73, W6NUT 1005-74, K6-CQF (WB6CEP) 835-73, W6JZU (WB6AIN) 825-73, WB6ION 781-73, W1ARR/6 868-70, K6AHV 710-72, K6AUC 710-72.

Some out-of-town biggies: K7NHV 1093-73, W7RM 1119-74, W6HX 1103.

The K6AHV effort was remarkable in that Bob did it in 18 hours with a 20-meter beam and a 14AVQ. K6AUC's performance was equally FB: single-band 40 with a 2L quad.

It seemed pretty obvious that condx were not exactly top-notch. Fifteen was almost a total wipeout, especially on Sunday; nobody did well on 40 without a large antenna at considerable height; and 20 and 80, for most, offered little consolation. Apparently the only people to be favored with decent propagation were those in the Texas and Florida areas (approximately), many of whom were sending out some ear-popping NRs late in the Test.

Let us pray for better things in the phone affair, particularly for a vastly improved 15 meters! Without that, any hopes for doubling last year's score will be dim indeed. Whatever the condx, however, let's all hang in there and KB!

JUG HEAD MEMORIAL AWARD

To the NCCC member who works the most other Club members during the SS (both modes combined), W1ARR/6 will present a JUG Head Memorial Award at the Christmas/Awards Banquet on December 20. The prize: a one-gallon jug of Canto Mountain Burgundy, valued at \$1.99 retail. What the winner does with it is his business, although we'd recommend that it be emptied into the innards of a car radiator rather than a human stomach (and, all too horribly soon, intestine).

Rules are quite basic. You can work a member only once from the same xmtr during each weekend -- none of this W1ARR/6-then-WB6GLF/6 sleaziness. Each QSO must be valid for the SS -- that rules out working each op at W6BB for a separate contact. Anyone who submits a non-valid entry will be forced to actually drink a gallon of Canto Mountain Burgundy. Whoever works the most different NCCC members during the total of the two weekends (you can work each guy once per mode) is the winner. Final arbitration will be made by W1ARR/6, who reminds that you must apply for this, because nobody is going to do it for you. Submit a check-sheet of members worked.

Remember 7230-40 at 2000Z on SS Sunday!

NEW MEMBERS AND ROSTER CHANGES

Incredible as it may seem, no fewer than 29 new members swelled the NCCC ranks at our October meeting. Time and space limitations being what they are, we can't list all the names, addresses and info that we try to do each month -- but a new updated roster will be coming out soon, so don't despair.

We're glad to welcome aboard Greg, WB6-ASR, San Mateo; Kirk, WB6BDL, San Rafael; John, K6BR, Hillsborough; Orville, W6BSL, Clayton; Larry, WB6BWP, Fremont; John, WB6-CAA, Atherton; Jim, WB6CJE, Mt. Hermon; Bob, WB6DZC, Berkeley; Fred, WB6FEF, San Francisco; Terry, WB9FUV/6, San Francisco; Knock, K6ITL/WB6NAL; Shorty, K6JSI, Concord; Nick, WA6KAC, San Luis Obispo; Bruce, W6KQG, Sebastopol; Phil, W6LQC, Saratoga; Denny, WA3-MQJ/6, Berkeley; Mike, WA7MQX/6, Stanford; Carl, W6MSF, Los Altos Hills; Bill, W6MUR, Ben Lomond; Don, WA6PJJ, San Luis Obispo; Orm, K6QX, Los Gatos; Dick, K6QZ, San Jose; George, WB6RAL, Palo Alto; Deane, K6RLY, Fair Oaks; Ben, K6TG, Modesto; Gary, WA6TKT, San Jose; Bob, WA6TLV, Berkeley; Bob, WB6VEX/6, Berkeley; Mark, WA6VYK, San Luis Obispo.

DON'T FORGET CQ WW

With all the concentration on SS matters, many of us have practically forgotten the CQ WW CW Test, which is the weekend of Nov. 29. This is a favorite contest of many, since it is only a one-weekend fracas and offers the added attraction of zone multipliers. Non-W/VE types like it because everyone can work everyone else.

Exchange: RST plus zone (ours is 3). If you can stomach yet another contest after SS, give it a whirl.

ADDENDA RE W6RNF MEETING

If, despite the directions on Page 1, you still have trouble finding the RNF domicile, Greg's phone number is 731-4577. Or W6KHI (or XYL Susie) can help: 564-9683.

CHRISTMAS/AWARDS BANQUET

Do W6KHI or WB6DSV have your reservations for the banquet on Dec. 20? This is the social event of our Club year and should not be missed. It will be at Zorba's, in San Jose; all the info was in last month's JUG.

Please send those \$7.50 (per person) checks in to Dennis or George so that they can make the appropriate arrangements with the restaurant.

Because of the inordinate out-of-pocket expenses, to say nothing of personal time donated, on the part of Erector Set members in recent months, the Board of Directors has agreed that some kind of compensation ought to be forthcoming from those who benefit from the activities of this noble band (notably W6PAA, W6OWQ and W6PAA).

It is expected that Erector Setters will be reimbursed for gas money, welding oxygen and the like; in addition, donations against time expended will go toward a special fund that ultimately can be used for a picnic or some such.

Club members are also reminded that the present Erector Setters are overloaded with antenna work and their calendar is jammed for months to come. This means that local ES chapters and more participants will be the way this service will have to expand. The current harassed handful, God bless 'em, can do no more than they're doing now.

CLUB PARAPHERNALIA

Are you in need of an Orange Badge of Insanity (otherwise known as an NCCC Club Badge)? They're available from WB6IPC, Fred Ringwald, International House, Berkeley, CA 94720. Fred's phone is 642-9253, or leave a message at 642-9499. Price: approximately \$1 on delivery.

NCCC T-shirts and SS Handbooks can be supplied by Prexy WB6CEP. When ordering 15 or more T-shirts at a time, Bill can get them for \$4.25 each; specify size when you send him your order (with check, please). The Handbook will be \$2 per copy, with nice cover and binding, if 15 or more orders arrive.

NET QNI FOR OCTOBER

4 -- WB6DSV, WB6JGS, WA6JVD, W6KHI, W6RNF.
3 -- WB6EXW, WA6HAF, W6OAT, W6PAA, W6RGG, K6-UWR, WA6VEF, W6ZT. 2 -- WA6DQM, K6HIH, K6-ILM, WA6KAC, W6OKK, WA6TQK. 1 -- WB6AIN/6, W6BB (WB6CEP), WB6CEP/6, WA6DKF/6, WA6ENP/6, WA6GFY (WB6EXW), WB6GLF/6, W6HJP, WB6IAQ, K6-ITL, W7JST, W6KYA, W6NLZ, W6NUT, WB6OLD, WALPID/7, W6PXG, K6RM, K6SG, K6SSS, K6SVL, WA6-UZA, W6ZRJ, K6ZX.

Is there anybody who doesn't know that the NCCC Net meets Tuesday nights on 3815 at 7:30 local (7 for informal ragchewing)? The net has been running as long as 1½ hours lately. Members (especially those who live far away) are encouraged to check in.

. . . as graciously supplied by WB6CEP, WB6-DSV, WA6GSN, W6OAT and W6PAA:

K6KM reported doing fine in Teheran and expects to get on air in late Nov. Bill seeks SB200 or 30L1 amp; contact WB6DSV if you have one for sale. . . . WB6OOL and WB6DSV helped install big antennas at W6RGG. . . . WA6GSN and W6-LPM installed loops for 40 and 80 at LPM. . . . WB6JGS now has tribander up to supplement vertical and inverted Vees.

K6QZ was hard at work finishing antenna installation at new mountaintop QTH before SS. . . . It's rumored that WA6ENP/6 seeks large parcel of land for some big antennas. . . . WB6KBK got rotor installed. . . . W6ISQ back from Eu in time for SS. . . . WA6AVS (K6RS) now has TH3 up (courtesy Erector Set) and acquired an S-Line from WA6AHF. . . . W6OWQ's tribander is on a 2nd tower for the 6th time and still doesn't work.

Ex-VE7AUA very much in evidence as WA6DQM with a KB sig in SS. . . . K6BR hopes to have 10 and 15 beams on new mast in time for phone SS. . . . K6KLY has big tower with VHF antennas up, borrowed TH3 on roof, borrowed SB200, QRV KB A3 SS. . . . K6ITL vows KB effort in phone SS despite broken SB220. . . . W6PAA's toothbrush, footswitches and radios all at W6MUR for the duration. . . . Where is K4TQM?

W6RGG sports a shiny new KLM 5L 20M beam at 66', a duobander at 55', a 40M sloper -- and enough line noise to wake a Silent Key. . . . WA6BMV almost got his new beam up, discovered that a collapsible TV mast probably wouldn't hold a 70-pound antenna, and decided to use slopers and a vertical for SS instead. . . . K6UWR finally got his quad up and working. Chuck's station was operated by K6RM in the CW SS but its owner will be doing the honors for the phone weekend.

WB6ION is trying to talk a neighbor into letting him use a part of his house for part of an 80M quad! . . . WA6TQK broke in his new setup during CQ WW phone and blew up everything but the local PG&E substation. . . . Evil continues to plague WA6AHF, who continues to experience TVI despite the best efforts of an Erector Set gathering. So new member WA6TLV operated from Rubin's barefoot during CW SS.

K6ILM desperately needs a lock-nut for the top of a Hustler 80M resonator. . . . W6KYA reports score of 30,856 in the CQ WW phone. . . . K6HIH, K6OZL and WA6TQK seek multiop help for SS phone. . . . W6KYA reports more than 200 logs received for the Cal QSO Party -- which, incidentally, needs a chairman for next year. Any volunteers?

RECEIVER ALIGNMENT CLINIC RECAP

About 8 stalwart receiver enthusiasts showed up at Konel Corp. in South San Francisco for the First Annual Receiver Alignment Clinic on August 30. Many brands were represented: Collins, Drake, Heath, Kenwood, Yaesu.

The receivers were subjected to a variety of tests using calibrated lab-quality test equipment. The results are summarized below:

<u>MAKE</u>	<u>WORST CASE SENSITIVITY</u>	<u>AGC HOLD 1-100,000MV</u>	<u>AUDIO OUT @ 1MV</u>	<u>AUDIO DISTORTION</u>	<u>DESENS. @ Δ 25KHZ</u>	<u>WORST CASE SPUR. RESP. & NATURE</u>
Col. 75S1	.13mv	15.5dB	380mw	8.5%, 1w	90dB rs	+45dB (10M image)
Col. 75S3B	.16mv	17dB	2w	5.4%, 1w	90dB rs	+43dB (10M image)
Drake R4B	.35mv	10dB	1w	10%, 1w	100dB rs	+30dB (spur)
Heath HW101	.39mv	21dB	1w	7.5%, 1w	90dB rs	+66dB (8 MHz IF)
Kenwood TS520	.33mv	9dB	1.3w	5%, 1w	80dB rs	+42dB (spur)

Other spurs: 75S1 +70dB, 75S3B +70dB, R4B 30dB, HW101 83dB, TS520 63dB.

The Yaesu FT101 was, and continues to be, sick and in need of further work. The Drake had the best front-end overload characteristics, with the exception of some spurious responses. The Kenwood TS520 showed up very well as a receiver. The transmitter, when tested, had more splatter than is desirable -- this will have to be investigated further. The HW101 had a reasonable sensitivity and freedom from spurious response. The transmitter ALC was also quite effective, although the 32S1 ALC was the most effective in enhancing talk-power and completely eliminating flattopping. -- WB6AIN

KB in SS!

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FIRST CLASS MAIL

Gary Caldwell WA6VEF
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The Contest JUG



FOR IN-TERRITORY OPERATORS' EYES (& EARS) ONLY

NCCC: QKB? **KB!**

Hold everything--here is the REAL story of how we are doing in Sweepstakes. Copies of the JUG go all over the country, so we're sandbagging our competition just a little. Please help us keep the lid on for a while longer; again, recall that Murphy's lost to PVRC by only 80K last year.

Poor conditions on Sunday definitely hurt a lot of members who were counting on 15 & 20 for most of their contacts, and a lot of score predictions kinda went down the tubes. However, we had over 70 NCCC stations on--compared to PVRC's total of 115 for both modes in their winning effort last year--and many NCCers did pretty well in spite of conditions. According to W1ARR, MMers W1FBY and K1ZND were flabbergasted to discover that they both had worked more 6's than anything else. Guess who they were working!

Getting down to the nitty gritty: we have already exceeded last year's total score of 4.3 Megapoints!! Considering that phone scores run 25-30% higher due to talking being quicker and to a greater number of stations participating, and that good propagation is forecast for both days of SS Phone, we have a really excellent shot at breaking 10 Meg and taking #1. Our chances will be better, however, to the extent that EVERY MEMBER puts in every hour of operating he can possibly manage. We now have 127 in-territory members--let's get at least 100 NCCC stations on SS Phone!

Individual SS CW Scores

And now, some scores. WA7NIN (W6OAT opr.) took the #1 spot for the 2nd year in a row, actually bettering his 1974 QSO total by a few contacts. W6NUT also broke 1000 contacts for the 2nd straight year, with W6MUR (W6PAA opr.) narrowly missing the magic 1K mark to take third. A tremendous 4-way battle for 4th place finally saw K6CQF (WB6CEP opr.) edge W6JZU (WB6AIN opr.) by only 2 contacts. W1ARR/6 (at W6OWQ's QTH), plagued by a 3-hour shut-down due to power amp failure, was very close on Dean's heels, as was W6MSF (WAØ-ENP/6 opr.)

TOP TEN

1) WA7NIN (W6OAT opr.)	161K	6) W1ARR/6 (at W6OWQ)	118.44K
2) W6NUT	149K	7) W6MSF (WAØENP opr.)	118.40K
3) W6MUR (W6PAA opr.)	141K	8) K6VVA (at WB6GFJ)	115K
4) K6CQF (WB6CEP opr.)	120.71K	9) WB6ION	114K
5) W6JZU (WB6AIN opr.)	120.45K	10) WA6DQM	108K

Other notable scores include K6AUC's 102K on 40 meters only, K6AHV's 102K in 18 hours with a 5 el-20 and a 14AVQ, and WA6AHF's (WA6TLV opr.) 94K low power. Congratulations to K6HIH (106K), WA6DQM (108K), and K6LU (VE3DXV--102K) for being the only operators to predict a 100K or higher score and actually make more points than they said they would. The multi-op crew at Stanford's W6YX turned in 97K as opposed to 75K predicted, while WB6JGS, WB6DSV, and WA6HAF exceeded their predictions by so much that they might be accused of sandbagging. A total of 22 members exceeded 90K!

K6LU (VE3DXV opr.)	102K	W6KHI	51K	WB6DSV	82K	WA6BMV	45K
WB6LPK (+ WB600L)	97	WB6JGS	26	WA6VBF/6	82	W6HJP	76
WA6DIL (+ WB6ABK)	94	K6LWT	8	W6ISQ	53	K6HIH	106
W6LPM (+ WA6GSN)	39	W6RGG	84	W6RNF	12	K6SG	94
K6KLY (WB6KBK opr.)	85	W6KQG	88	W6BSL	6	K6JSI	26
WA6AHP (WA6TLV opr.)	94	WA6CFJ	28	W6KZJ	36	K6BR	44
W6YX (abt 5 ops.)	97	W6OKK	86	K6ILM	28	K6ZX	48
W6OAT (K6CQF)	2	K6AHV	102	K6AUC	102	W6NJU	22
WA6GFY (WB6EXW opr.)	36	K6AYA	57	WB6ABK	4	K6QZ	98
W6BIP (+ WA6DJI)	71	K6OZL	81	W6ZT	27	W6KYA	28
W6BB (5 oprs.)	24	WA6TQK	53	WA6JVD	91	K6QX	42
K6UWR (K6RM opr.)	76	WB6CJE	2	WA6HAF	58	WB6BDL	43
WA6KAC (+ WA6PJJ)	25	W6UZX	26	WB6RGR	43	W6GFS	9

We are still awaiting scores from K6AQ, K6DC, K6KWN, W6NKR, K6RLY, K6TG, WA6UZA, W6ZGM, K6ZM, and W6ZRJ. If these stations averaged over 18K per, we have exceeded 4.3M (it seems likely!). Did we miss anybody?

KB, NCCC QSOs, & Post-Contest Net

Just in case the word hasn't reached everybody yet, "KB" has apparently become the official Club slogan (original credit for this idea goes to WIARR). The "K" stands for "kick", the "B" for a four-letter word meaning posterior. The idea is to send KB to each NCCCer you contact in the SS. KB, OMs!

With the tremendous number of Club members expected to enter next weekend, it would be a shame if everyone didn't work everyone else. Try 7230-7240 at 2000Z on Sunday to pick up any NCCCer you might have missed.

At the end of the Contest (0300Z) head up to 28.6 MHz to give your score and find out how everyone else did. We had over 40 members on hand after the CW weekend. Net Control will be W6RGG.

Logsheets, Summary Sheets, Dupe Sheets, Application Blanks

Need any of the above? An S.A.S.E. to

Dennis Ross W6KHI
2079 Fifteenth Ave.
San Francisco, CA 94116

will do the trick. Better yet, pick up some at the Special SS Phone meeting on the 19th.

We note that WA1STN himself says that members joining on the 19th may contribute both Phone and CW scores to the NCCC. Know anyone who would like to become part of our group?

Sending in Your Logs

After this madness is all over, please either give your logs to your local SSCCer (Sweepstakes Contest Coordinator) or ship 'em to ARRL yourself--makes no difference. Your SSCCer would very much appreciate a xerox copy of each summary sheet if he doesn't get the entire package. It is very important that we have complete and accurate records on exactly who made what--and it is especially important that everyone send in his logs! Mailing deadline for logs is December 22. Be sure to check that you put NCCC down on the summary sheet for club affiliation!

KB for NCCC

We can win it, fellows.

Expecting BIG THINGS this weekend, Gary!

KB, Bill

WB6CEP