

THE NCCC JUG



NUMBER 248
JANUARY 1993

OUTSTANDING CONTEST RESULTS PROMISE HAPPY NEW YEAR FOR NCCC

UPCOMING CONTESTS

January	
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	Michigan QRP CW QST, Nov. p. 128
9-10	JIDX, CW QST, Jan. p. 115
	individual
	NA QSO Pty, CW QST, Dec. p. 128
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5	Vermont QSO QST, Jan. p. 115
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	Utah 160m QST, Jan. p. 115
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March	
6-7	ARRL DX Phone QST, Dec. p. 125

There's no news like good news, and Bob Wolbert is the bearer of some of the very best. Our contest results are sparking high-flying optimism throughout NCCC, but the JUG isn't about to predict anything until the last score is counted. We do have a complete-as-of-press-time, compilation of scores, done by the aforementioned N6IP, with comments, analysis and graphs. Well done report.. Thanks, Bob, and thanksall who participated with so much vigor and enthusiasm, led of course by Prexy N6TV.

CHRISTMAS PARTY AND LAST MEETING DE W6ISQ

Santa Claus, TOM, N6BT, and Chief Elf, BONNIE, WIFE, presented another award-winning gala at the annual NCCC Christmas party December 20 at the Castaway Restaurant. Every year the show gets better, more fun



EXCLUSIVE PHOTO OF EXCLUSIVE SANTA AND ELF BONNIE AT PARTY

and the presents more hilariously appropriate. Details about all that later. First, the awards announced and given out by Louese, KA6ING, and Santa. "Rookie of the Year" went to the JUG's Powett Lorient, ANDY, AE6Y, who went from a few thousand points in 1991 to megapoints in '93! A real move! Congratulations and thanks, Andy.

The "World Class Contester" was Santa himself, TOM, N6BT. This award was in recognition of Tom's continued activity at home and abroad in many contests and for his duties as Deputy Director of that outfit he represents at the North Pole. Thanks, Tom.

TV-BOB, N6TV, our happy, contest-driven president was presented with the NCCC "All-American Contester" award. Fits, right? Bob remarked (Meeting can't page 4, col 1)

NEXT MEETING

FRIDAY, JANUARY 15,

CAL MICROWAVE CAFETERIA

7 P.M. PIZZA AND TRIMMINGS

7:30 P.M. GALAPALOS GROUP SLIDES

See Page 9 for Details and Map

TV GUIDE DE N6TV



January is thank you month. First, a big thanks to

Brother Tom, N6BT, and his chief elf Bonnie for a super gift giveaway at the XMAS Banquet. 'Twas a blast!

Thanks also to Louese, KA6ING, for the "All Around Contester" award and the other super awards given out at the banquet. Problem: I made a personal vow never to do another phone contest. If I don't take it back, I will no longer qualify as an all-around contester. Guess I'd better stock up on Sucrats.

A very big THANK YOU to Ed, WOYK, for answering my plea in last month's column for a volunteer to take on the job of awards chairman. Ed stepped right up and took on the challenge. Much obliged Ed! Professor Bob, N6EK, says he'll be happy to show you the ropes. Anyone else out there willing to lend Ed a hand? An awards chairman can never have too much help.

Thanks also to Ken, K6PU, quietly working away up in tiny Pine Grove on hundreds and hundreds of California QSO Party logs. The Post Office people have been giving Ken some pretty strange stares lately. Why do you think that is?

Thanks again to our intrepid VP/CC Bob, N6IP, for leading the charge in this

year's SS effort. By all calculations, it looks like we just might win it. Way to go Bob!

And finally, the biggest THANK YOU goes to YOU, the NCCC membership, who made 1992 a very good year indeed. Who said 1992 was a year to forget? Queen Elizabeth? OK, get her a license. She can talk to King Hussein.

January Meeting

In the Galapagos? Not exactly, but the January NCCC meeting is shaping up to be a really special event. The Galapagos Group, N6KT and WN4KKN, plan to show us slides of the HC8A/HC8N super station. This QTH is well on its way to becoming the number one DX contest location in the world. This is a must see. Our meeting will be Friday, January 15th, at 7:00 p.m. at the California Microwave Cafeteria in Sunnyvale, courtesy of Dr. Dave Leeson, W6QHS. Per NCCC tradition, Round Table Pizza, salads, and soft drinks will be delivered and made available to all for around \$5-6. See map in this issue for directions.

Short circuits

News from the roving reporter: a big windstorm blew down W6OWQ's 65' 80m vertical. It fell into some power lines and blew a PG&E transformer. No one hurt. Bill is recovering from an unrelated 11-day hospital stay and doing well.

Congratulations to Trey, WN4KKN, for making more than 6200 QSOs in the CQ WW CW from HC8N, setting a new all-time QSO record. Trey averaged more than 130 QSOs/hr. Awesome. W6QHS has decided he wants more respect on 40m into Europe. He thinks 19 elements on a 680'

boom ought to do it. Only trouble is finding a rotator...

Anyone got a really BIG washing machine?

Rusty W6OAT, in true NCCC club spirit, operated SS Phone using a hand-held microphone and learning how to use CT at the same time. He ended up rubbing a blister into his elbow! Forget the elbow pads, Rusty. Use DUBs.

(Note to Bob: Take close look before you bite into any Dubs you

happen to be awarded very soon, Bob. Asst. ed., aka, Sweets chef)

Wiley, W6FSJ, Wendell, called me in the 160m contest. Gosh, he seemed kinda weak. "QRP?," I asked. "C," he replied. "OK, thought my antenna broke."

Speaking of Wendell, W6QHS says W6FSJ still edges him out in DX pileups occasionally by using the savvy of an ol' master. Little tricks like calling 0.5 kHz up while the rest of the pile is dead zero beat. Quite an operator, that Wendell. Working 'em all

All DXCC countries? No, all California counties! The Worked All California Counties (WACC) award is tough to get, especially from Europe.

NCCC'r Dick, AA6MC, on assignment in the U.K. as GOMFO, diligently worked as many as he could in the California QSO Parties, but still needed three more: Kings, Yolo, and Lake. Several tries at a sked with W6OWQ in Lake failed to produce a QSO. Finally, on 12/19, I made contact with GOMFO on 15 SSB, and put out a packet announcement that Dick was on, looking for his last three counties. Almost instantly W6TWN in Kings county popped in and made a quick QSO. Then Bill, W6OWQ, arrived, and after turning the beam, made a successful QSO with Dick giving him number 57. Only one more to go: Yolo.

Very few active hams live in Yolo. I called up AA6VK's house, but he was out. Then I got a packet message from Louese, KA6ING, saying that WX6M was calling me on the repeater. Made contact with Rich, and he came up on frequency on 15 phone. Rich lives in Vacaville, only 6 miles South of Yolo county line. He generously volunteered to put his mobile rig in the truck and drive across the line to work Dick! Dick had no trouble copying Rich from his fixed station, but when Rich went out to the truck, copy was marginal. I had trouble copying him too. With assistance from WX6M's neighbor Val, WN6R, constant contact was maintained while Rich made his way up I-505 into Winters, just across the Yolo line. Dick made a good contact for County number 58! Congratulations Dick, and a big THANK YOU to all involved, and especially the No. Cal. DX Packet Spotting network, making it possible.

The WACC award is handled by Ken, K6PU. Let's hope the post office is still delivering the mail!

73 Bob

NORTHERN CALIFORNIA CONTEST CLUB

PRESIDENT BOB WILSON, N6TV
VICE-PRESIDENT /CONTEST CHR BOB WOLBERT, N6IP
SEC/TREAS JIM HOLLENBACK, WA6SDM
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WHY CONTEST?

Trey WN4KKN, WB5VZL once asked a simple question: "Why do you contest?" The following reply, reprinted with permission, says it all:

Date: Tue, 15 Dec 92 07:40 GMT
From: 0004504465@mcimail.com
(Eugene Walsh)
To: cq-contest@TGV.COM
(CONTEST LOONIES)
Subject: Why Contest?

Why Contest?? What else is there?? Back in 1956 or so, while becoming interested in DXing, I stumbled into a DX contest on 40M. Lots of DX, and the folks seemed to be having a wonderful time. I have been a true addict ever since. It starts by hooking you in to working new countries, then you start measuring what you can do with what you have against other guys who do what they can with what they have, and then your soul is lost to it!

Contesters are really different! They strive to do the best they can with whatever they have. Some say that they want to develop friendships via ham radio and you cannot do that by exchanging reports, but friendships developed among contesters have more depth and understanding of common interests than any that come from random QSOing and general ham activities. No other activity in ham radio fosters international friendship as a byproduct. This is not the reason that we do contests, but it is a pretty good side effect. You meet even a casual contester from anyplace in the world, and you immediately have an understanding regardless of politics or particulars.

I do it because it is more fun than nearly anything else. There is nothing like working through the morning openings on 20M having all the DX calling in as the grey line marches along, building up your multiplier total from almost every direction. I love 20M! I live for it! This is almost a religious experience. (You do need a good antenna to get in to this!) I agree with KM3T that multi op is the best experience one can have. I have been lucky enough to win the CQWW a couple of times (many years ago!) because I was in a good place during a good time and I was young enough to be able to stay the course and go to work the morning after. This was a great experience, but doesn't equal the emotional highs of the multi-multi efforts which I was involved with later. There is nothing to compare with being in a competitive multi-multi, whether you win or lose (its always better if you win!). Once at K2GL, when 20 was dead in the middle of the night, I leaned over to K3EST who was cranking away on 40M in the adjacent position, and asked him "Bob, do you ever get tired of doing this?". He said, "This is a mystic experience, you do it whenever you can!". Nuff sed.

Why contest?? If you are lucky enough to know about it, you can't not!!!

73 de Gene N2AA



SOME OF THOSE WHO MADE THE SCENE
AT THE CHRISTMAS PARTY '92

(Party con't from page 1)

that this award was in recognition of his finally entering a phone contest. He entered and scored in the mega ranges in all the big contests. working for the greater glory of NCCC. A deserved this recognition.

The "Appreciation for Service" award went to our compadres from the nawrth, GARY, WA6VEF and Niki, VE7NKL, who may be considered Mister and Missus CQP. They have spent many, many hours, over the past several years writing letters and scoring the world-famous CQP contest. Without them, there would be no CQP today! Thanks Gary and Niki.

"Contester of the Year" went to Mister (W6ISQ) and Missus (KC6NFE) John Troster, for jointly producing the JUG for yet another wonderous year without really knowing how to use the computer. We're very proud to

have been awarded this and have the handsome plaque nailed above our mighty Mac Plus screen. We thank you exceedingly. Now we are determined to press on to do at least one more JUG.

5 MEG Awards went to AG6D, W6QHS and N6IP. WN4KKK and N3AHA were not present to recive their plaques. Congrats to all and thanks for your participation for the account of your friendly NCCC.

Some Seldom Seen faces surfaced for our Christmas gala. KIP, W6SZN, appeared, and perhaps feeling a bit shy, sat in a chair fartherest from the Christmas tree. We welcomed the Return of BOB, K3EST, who discussed weighty matters with our yearly visitors from the nawth, WA6VEF and VE7NKL. We were also pleased to have TOM, N6RA, and TINA drop by, freshly returned from EA6 and Deutschland. Maybe someday we can get Tom to tell us about his contest operating events overseas from 5W1, EA6 and other round-the-world spots.

Of course, all the ladies were welcomed and it was especially great to see so many junior ops getting the radio and the contesting bug.

Back to Tom and Bonnie. Now there may be some of you who think that the way Santa and Chief Elf select their christmas

gifts for us is just to start down the aisles with a couple of push carts and load up. Not. They begin with a computer study of the personality and needs of each individual, taking into account factors known only to them. A very accurate, closley-held-secret program which matches the personality of the person to the gift.

Here's a partial run-down. You can fill in the blanks. TV-BOB, N6TV and JIM, WA6SDM, both recieved a liter of lager. TV-Bob lugged home a sack of potatoes (notice the proper use of the "e") sent to him from Sandy in Aruba. The kids got cookies and candy, to the disclaimers of mom and pop. The traditional international wacko beer varieties were randomly matched to certain notable ops. (Tom found 10 new brands this year—Polish Delight?). Delishus potato (see, no "e") chipse were presented to CW operators and pickles to the phone ops. I am still pondering the significance of why a liter of concentrated prune juice was selected for your editor!

A grand affair and we hope you will all contact Tom and Bonnie to tell them you enjoyed yourself. If you didn't make it, tell them you're sorry you missed it but will come next year. A packet message would be fine. At the same time, give them much more information about yourself so they can upgrade your rating in the Christmas-present presenter, computer program for next year.

Resolution: W6ISQ will shellac some of you in some contest in 1993!

Maggi and I wish all of you more NCCC points in 1993.

73, Happy New Year and DUBS to all.



MORE OF THE IMPORTANT TYPES WHO WERE THERE

The 5 Meg award has generated a lot of interest since it started in July '86. From time to time, the rules and standings will be published in the JUG. Any questions about the rules, or of any points standing should be addressed to the VPCC and/or AD6E.

PURPOSE:

This award is intended to give recognition for sustained efforts by NCCC members. All too often club members compete with moderate stations, year-in and year-out without a reasonable chance to win major awards. The Five Million Point Award is designed to rectify this situation. This award will be issued on a once per person basis.

HOW TO ENTER:

Send a duplicate copy of your Summary Sheet to the V.P.C.C. In the case of club contests, two summary sheets should be submitted. One sheet for the club entry and a second marked "Five Million Point Award". In any event, the summary should be clearly marked "Five Million Point Award".

(I accept scores from packet -DXPSN- but that isn't always reliable. Be sure to send summary sheets to the VPCC! de AI, AD6E)

RULES:

1. This award requires the accumulation of five million points.
2. Point totals shall be accrued by the V.P.C.C. from copies of Summary Sheets which the contestant has submitted a valid entry.
3. Any contest entry may be used for submission as long as the entrant is competing from NCCC territory.
4. It is not necessary for the NCCC to be participating as a club for your point totals to count towards this award.
5. Participation with a Multi Multi or Multi Single station can count for this award. To calculate your portion for this award, divide the total score by total number of operators and submit a summary for that portion of the effort.

1	K6HNZ	27,517,248	53	N6EE	2,062,503
2	N6RO	20,512,040	54	KF6VU	1,951,774
3	WA6VEF	20,448,292	55	K6PJY	1,884,757
4	N6EK	19,446,936	56	WB6MZQ	1,807,323
5	NU6S	18,111,996	57	WA6SDM	1,736,522
6	WZ6Z	18,014,108	58	K6HIH	1,690,514
7	N6IG	17,331,844	59	N6ZB	1,634,288
8	WN4KKN	14,475,807	60	KE6ZE	1,492,039
9	N6TIB	13,751,745	61	K6LRN	1,397,082
10	K6TMB	12,639,257	62	AA6QY	1,377,508
11	N6TV	12,635,401	63	W6XX	1,328,785
12	W1FEA	12,391,231	64	WB6CJE	1,308,081
13	WA6AUE	12,007,658	65	N6ST	1,026,960
14	W6RGG	10,297,391	66	KA6ING	840,539
15	N6KT	9,028,478	67	W6FAH	634,706
16	W6FSJ	8,529,366	68	W6OSP	631,469
17	WX6M	8,417,202	69	N16T	607,065
18	W6BSY	7,577,615	70	K6RK	513,307
19	AD6E	7,492,205	71	AF6S	464,500
20	N6CCL	7,432,970	72	W6VG	423,612
21	N3AHA	7,039,102	73	N6JL	415,044
22	AG6D	6,506,200	74	KJ6LD	358,745
23	N6IP	6,285,164	75	N6OM	328,464
24	NF6S	5,721,514	76	W6WB	320,979
25	N1EE	5,714,331	77	K4TKM	319,880
26	KI6EZ	5,620,137	78	K6WJ	282,384
27	W6ISQ	5,602,912	79	KN6K	245,797
28	W6QHS	5,599,057	80	W6RJ	228,517
29	AJ6V	5,565,567	81	K6MO	213,086
30	W6BIP	5,463,289	82	KA6W	181,355
31	VE7NKI	4,845,542	83	K6KM	152,298
32	AI6V	4,505,144	84	N6XI	145,275
33	W6OAT	4,155,017	85	N6JV	139,987
34	K6MA	3,715,645	86	N6PN	138,000
35	AA6KX	3,617,851	87	AE0M	127,794
36	AA6PG	3,398,376	88	WA7NIN	124,616
37	NB6L	3,386,013	89	WV6D	89,036
38	N6DA	3,178,111	90	WA8LLY	88,362
39	KS6H	3,174,861	91	N6RA	61,344
40	KI6CG	3,044,115	92	KB6BD	46,150
41	W0ZZ	3,042,893	93	W6CF	45,708
42	KK6QM	2,913,207	94	W6KZJ	32,980
43	K4UVT	2,723,886	95	K6YT	28,905
44	K6PU	2,664,652	96	WB6DSV	28,620
45	WC6H	2,569,908	97	WA0YQM	24,680
46	W6EEN	2,541,236	98	W6DPD	22,874
47	AE6Y	2,473,793	99	N6GRJ	21,700
48	N6GG	2,469,075	100	W6SYL	21,351
49	WR6R	2,356,813	101	WE6F	13,132
50	K6SIK	2,257,137	102	N7NG	11,310
51	N6BT	2,143,103	103	K2MM	11,172
52	W6SZN	2,085,426			

GENERAL PRINTING LAY - OUT

GRAPHIC ARTS PASTE UP

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WRITE FOR SAMPLES

As Submitted to ARRL,
23 December, 1992

Northern California Contest Club
November Sweepstakes Preliminary Results
Clean sweeps are emphasized

CW			Phone				
Station	QSOs	Sections	Total	Station	QSOs	Sections	Total
<i>Single Operator</i>			<i>Single Operator</i>				
WA7NIN (N6TV)	1247	77	192,038	WA7NIN (N6KT)	2238	77	345,114
WC6H	1179	77	181,566	WC6H	1917	76	291,384
W6XX	1188	76	180,576	N6TV	1758	77	270,732
W1FEA	1051	77	161,854	N3AHA	1635	77	251,790
N6RO	1034	77	159,236	N6RO	1622	77	249,788
AA6KX	1000	76	152,000	KS6H	1381	77	212,764
N6EK	982	76	149,264	W1FEA	1373	77	211,442 A
AG6D	968	77	149,072	AA6KX	1360	77	209,440
N3AHA	937	77	144,298	WX6M	1336	77	205,744
N6JV	909	77	139,986	KI6CG	1250	77	192,500
N6PN	920	75	138,000	AE6Y	1234	77	190,036
W6QHS	796	77	122,584	W6BSY	1157	77	178,178
N6ZB	784	77	120,736	WR6R	1052	77	162,008 A
W6ISQ	725	77	111,650	W6QHS (WN4KKN)	967	77	148,918
W0ZZ	720	77	110,880	W6XX	946	76	143,792
AE6Y	708	77	109,032	W6ISQ	771	77	118,734
KI6CG (AE0M)	702	77	108,108	W6RGG	710	77	109,340
N6IP	702	77	108,108	N6IP	715	76	108,680
AJ6V	696	77	107,184	AG6D	667	77	102,718
WZ6Z	669	77	103,026	W6BIP	657	77	101,178
W6RGG	666	77	102,564 A	N6ZB	604	77	93,016
KS6H	638	77	98,252	KK6QM (W6QHS)	483	76	73,416
K6PJY	633	75	94,950	K6PJY	451	76	68,552
N6BT	588	77	90,552	AJ6V	413	69	56,994
N6DA	528	73	77,088	K6XV	351	76	53,352
W6OSP	543	70	76,020	KN6BD	325	71	46,150
K6HIH	467	74	69,116	K6KM	271	76	41,192
K6XV	425	75	63,750	N6XI	282	72	40,608 A
W6BSY	406	75	60,900	N6EE	268	72	38,592
AA6QY	389	74	57,572	AJ6T	181	66	23,892
AD6E	375	75	56,250	W0ZZ	181	63	22,806 A
K6KM	342	75	51,300	N6GRJ	175	62	21,700
WW6D	267	74	39,516	WB6DSV	146	57	16,644
N6WFK	274	60	32,880	KA6ING	136	54	14,688
K6PU	213	71	30,246	K6PU	113	61	13,786
AJ6T	212	68	28,832	WE6F	134	49	13,132
W6FAH	159	63	20,034	WA6SDM	121	54	13,068
N6XI	169	53	17,914 A	W6DPD	121	49	11,858
WB6DSV	144	62	17,856 A	K2MM	114	49	11,172
K6LRN	155	57	17,670	W6CF	111	43	9,456
WX6M	121	57	13,794	N6DA	51	24	2,448
<i>Multi-Operator</i>			<i>Multi-Operator</i>				
W6BIP (+ N1EE)	871	77	134,134	N6EK			
				(+ AA6LF, KI6WF)	1272	77	195,888
				W6OAT (+pkt)	558	77	85,932

CW Total: (42 Entries)

4,000,388

Phone Total: (43 Entries)

4,772,622

Preliminary Total: 8,773,010 points/ 85 Entries.

WITH LAST MINUTE SUBMISSIONS: 9,006,482 POINTS/ 88 ENTRIES

WOLBERT'S WORDS

SWEEPSTAKES FINAL TALLY

This JUG contains a copy of the NCCC SS submission to the ARRL, including an excerpt from the cover letter. To summarize, we scored about 9 Meg, and have an excellent chance at the gavel. For those of you who missed the Christmas party, I make this prediction based upon the high claimed scores produced by the rumor mill (courtesy of W6QHS). Although my assumptions are non-scientific and would probably give statisticians convulsions, here are the facts:

Category	1991(QST)	1992(Rumor)	% Change
SO CW (B)	210,518	223,454	+6.15
SO CW (A)	187,264	184,646	-1.4
SO CW (Q)	121,352	121,814	+0.38
SO PH (B)	374,374	385,770	+3.0%
SO PH (A)	290,598	257,026	-11.6
SO PH (Q)	169,400	139,678	-17.6
Unlimited Club	6,820,448	9,006,482	+32.0

If we believe the score rumors and make the wild assumption that the high scoring single op works the band dry, we conclude that activity was up by 3% to 6% this year. If we further assume that the winning club score would also rise by 3% to 6%, then the winning score should be under 7.25 Meg. The approximately 9 Meg NCCC score represents a 32% increase—much larger than the jump in high claimed scores. A favorable conclusion, but statistically shaky.

JUGHEAD

The Jughead award goes to the operator contacting the most club members in Sweepstakes, and is awarded by Jug editor, W6ISQ. To apply, send your SS dupe sheets to me, with NCCCs circled. I will tally the results and forward them to Jack for final decision making. So far, I only have 3 entries. N6TV, desperate for this coveted award since he realizes he isn't the club high scorer in SS, so his gavel chances are nil (congratulations, WC6H!), is leading. Can anyone beat his 95 NCCC QSO mark? Entry deadline is 1 February.

LAST MINUTE SS SCORES

These scores were received too late to be included in the club submission, but were postmarked on or before the 12/23 deadline:

N6QM	295	70	41,300 (CW)
WB6CJE	621	75	93,150 (CW)
WB6CJE	643	77	99,022 (Ph)

"Final Preliminary Total" NCCC Score: 9,006,482
44 CW + 44 Phone = 88 entries

CQWW

NCCC is entering the club competition for CQWW, so be sure to send me your summary sheets. The NCCC club entry for the phone weekend shows almost 20.5 million points. CQWW CW scores presently total 19.8 Meg. CQWW CW log postmark deadline is 15 January, 1993. Send them to CQ Magazine, 76 North Broadway, Hicksville, NY 11801.

CQWW PHONE SCORES

Single Operator	QSO	Z	C	Total	Cat
AA6KX	629	126	337	770,895	
VE7NKI	1235	23	63	223,170	10
K6MA	568	62	116	101,104	
N6XI	146	44	79	49,446	Q

CQWW CW SCORES

Single Operator	QSO	Z	C	Total	Cat
NH6T(W0ZZ)				5,940,000	est.
VD7SZ					
(WA6VEF)	3627	146	297	3,939,156	
W6QHS	1701	163	330	2,431,000	
W6OAT	939	139	321	1,224,520	S/U
N6EK	1211	132	223	1,206,290	
K6PU	682	132	311	842,586	
N6GG	713	134	279	837,977	
AA6KX	600	134	266	636,000	
N6DA	561	106	181	453,173	
N6IP	575	103	155	423,894	S/U
N6RO	925	35	114	392,615	40
K6MA	360	117	202	309,430	
W6ISQ	288	111	186	240,867	
WZ6Z	635	33	91	220,100	
W6BSY	476	33	92	171,500	15
K6KM	462	33	92	164,000	40
W6VG	201	64	95	90,312	
AD6E	202	68	89	86,193	
W6BIP	205	30	70	57,800	10
N1EE6	169	41	69	51,590	S/U
W6FAH	100	49	74	33,456	
K6LRN	70	24	43	13,132	
N6XI	2	2	2	16	Q

Multi-Op

GB5CW(AA6MC + G3SZA)	3474	139	415	4,351,670	
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NCCC CW Total:	19,765,607	est
NCCC Phone Total:	20,494,065	est
NCCC CQWW 1992 Total:	40,300,000	est

ARRL 160m Contest

This is the first year the 160m contest has a club entry category. By presidential proclamation, NCCC is entering as a club. Log deadline is early January; indicate NCCC affiliation on your log. Scores so far

ARRL 160m Scores

Single Operator	QSO	Scat	C	Total	Cat
AA6KX	469	68	1	70,725	
AG6D	426	66	1	62,310	
N6TV	409	66	1	53,988	
N6EK	339	52	1	41,340	
N6RO	241	59	1	29,323	
K6LRN	100	40	1	8,000	100W
AJ6V	60	25	1	3,000	150W

NCCC Total: 268,686

(Words don't page 8, col 1)

((Words Con't from page 7)

ARRL 10m Scores

Single Operator	CW	PH	S	C	Total
N6EK	1271	102	56		613,040
KS6H	515	1013	94	87	741,014
AG6D	968	0	54	58	433,644
N6ZB	781	0	97		304,580
N6CCL	0	970	56	45	195,940
AD6E	285	0	30	70	95,000
W6FAH	386	?	65		75,400
KA6ING	0	220	86		37,840
AJ6V	129	27	44		25,080

Summary Sheets/ 5 Meg Award

Previously, the 5 Meg award required signed (paper) summary sheets for award credit. Recently, award manager Al, AD6E, indicated he prefers packet entries. So save your postage and packet your scores to me for relay to Al. No packet? As always, I will accept your scores via any media (except carrier pigeon-- just too messy)

ARRL DX Contest

Also by presidential proclamation, Bob, N6TV, wants a good showing in the upcoming ARRL DX contest. As you may remember, NCCC and NCDXC have a long standing agreement regarding dual members submitting ARRL DX scores for the DX club. The CW weekend is 20-21 February, phone is 6-7 March.

73, Bob, N6IP

SS Submission Letter to ARRL

A.R.R.L. 23 December, 1992
 225 Main Street
 Newington, CT 06111
 Attn.: "SS Desk"

Dear Sirs,

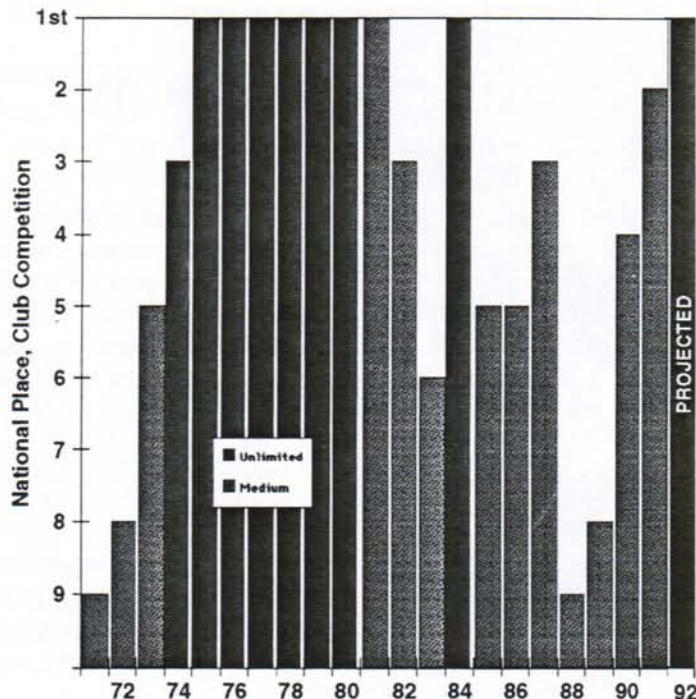
Enclosed, please find Northern California Contest Club's submission for the 1992 Sweepstakes, including a club roster and preliminary score tabulation.

The NCCC total is over 8.8 million points. 1992 is the first year since 1984 that NCCC has targeted winning the Sweepstakes club competition. You might notice our 80+ entries and 8.8M points compares favorably with our unfocused 1991 effort of 35 entries totalling 4.5M points. This 1992 total would easily beat our winning 1984 total, but is only about half our best efforts, the 15.1M in 1979 and 14.9M in 1978. Maybe we will try for that achievement level next year!

We had about 100 stations active, but I only collected 85 scores. Hopefully you will receive logs from most of the remainder. The 85 scores I collected are tabulated on another sheet.

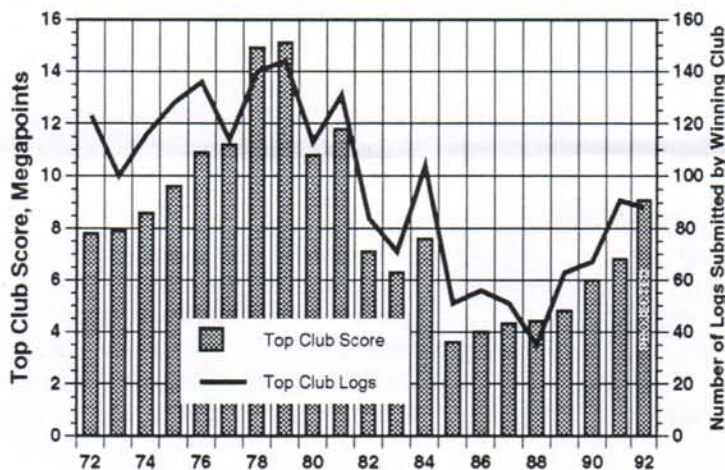
Thanks, Happy New Year, have fun sorting through all the logs, and 73!

Bob Wolbert, N6IP
 VPCC, Northern California Contest Club



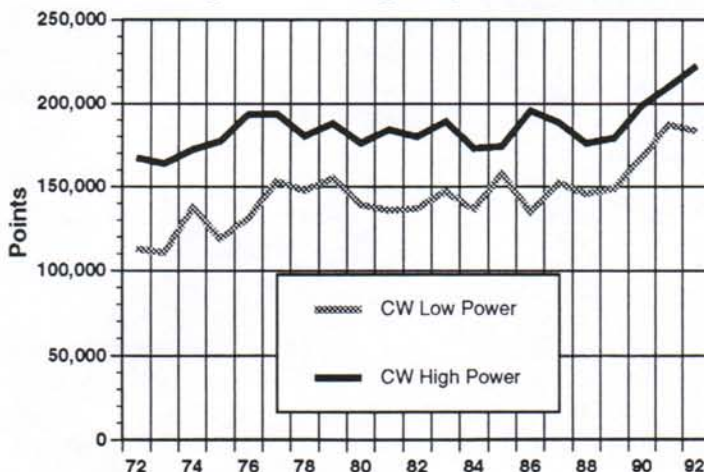
NCCC National Placement, SS Club Competition.

Winning Club Score and Total Club Logs Submitted, '72-'92



First Place Club Score & Number of Logs Submitted.

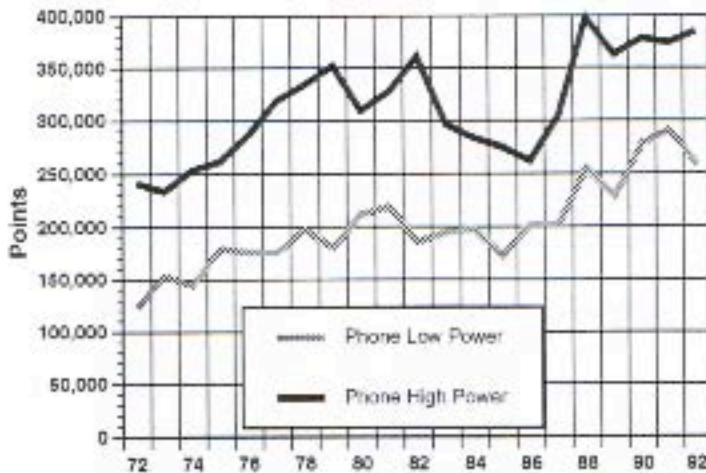
SS High Score, Single Operator CW '72-'92



High Scoring Single Operator, CW, by Year.

(Graph cont'd from page 8)

SS High Score, Single Operator Phone '72-'92



High Scoring Single Operator, Phone, by Year.

CHRISTMAS PARTY SUMMARY DE ANDY AE6Y POET LIMERICIST NCCC

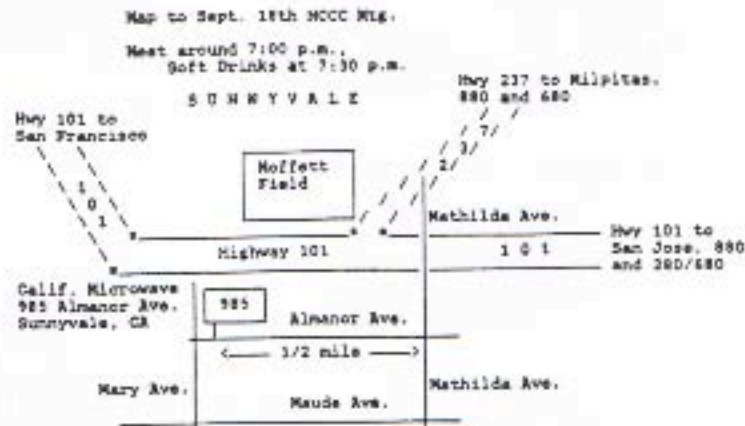
TOM "SANTA-D" OUT PRESENTS GALORE,
WHILE BONNIE DID "ELF" WITH THE CHORE.
THEY HANDLED THE BASH
WITH SUCH WIT AND PANACHE
THAT ALL WE CAN SAY IS, "ENCORE!"

NEXT MEETING FRIDAY, JANUARY 15 CALIFORNIA MICROWAVE, SUNNYVALE

We're starting the first meeting of the New Year right, with Pizza, right. 7 p.m. at the Cal Microwave Cafeteria meeting room open at 6 p.m. Pizza, salads and soft drinks will be ordered in. Price per head, \$5.00-6.00.

Program begins at 7:30, with N6KT and WN4KKN ready and set to recount their adventures in the Galapagos at HC8A/8C8N, with slides to confirm super station status this QTH is rapidly achieving.

Cal Micro is a favorite place for our meetings and we thank Dave and Barbara Leeson for arranging it again for us. See ya there, Friday, January 15 New Year. Just follow the map.



Almaden is frontage road on 101 just west of Mathilda, on Sunnyvale side of 101 opposite Moffett Field. Exit 101 at Mathilda Ave., Sunnyvale direction. Immediately right at first traffic light onto Almaden, go 1/2 mile to end of Almaden at Mary, building is last on right, entrance is on farthest side at front, park anywhere.

TREASURY NOTES

July 1, 1992 to June 30, 1993

Balance forward		\$1,801.70
	Budget	To date
Membership Dues	\$3,468.00	\$3,273.00
Donation		\$ 795.00
Jug & Roster Ad	\$270.00	\$ 40.00
Jug Publishing	(\$2160.00)	(\$1,315.63)
CQP	(\$ 900.00)	(\$ 233.91)
Membership awards	(\$ 600.00)	(\$ 267.94)
Visalia Hospitality	(\$ 200.00)	(\$ 0.00)
Self-funding events	(\$ 0.00)	(\$ 39.06)
Contingency funds	(\$ 200.00)	(\$ 16.40)
Total	(\$ 472.00)	\$2,468.97
		\$4,270.67

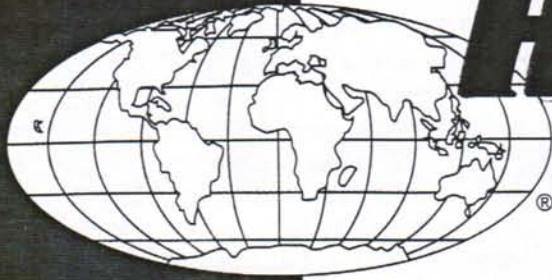
As of December 30, 1992, the balance in our Wells Fargo checking account is \$5677.57. There is \$1209.65 for the repeater fund. \$1800 is designated for CQP 'T' shirts, of which \$1602.75 has been spent. \$32.00 is allocated for badges.

We have been informed by the badge vendor that they will no longer make badges for us. I am in the process of locating another vendor.

Submitted by Jim Hollenback, WA6SDM, Sec./Treas.
November 30, 1992



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Tom KB6LUC, Mgr.
Lawrence Expwy.
So. from Hwy 101

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FT-1000



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ACROSS EXPRESSWAY FROM FRY'S ELECTRONICS

JANUARY 1993
NCCC
44 Toyon Terrace
Danville, CA 94526

FIRST CLASS



Membership paid thru: June 1993
Charles Epps, W6OAT
651 Handley Trail
Redwood City, CA 94062

FIRST CLASS
FIRST CLASS