

Northern California Contest Club
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September 1990 Issue — No. 220

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COMING ATTRACTIONS

(Contest dates are UTC. See QST, CQ or 73 for details, or try SH/CONTEST on DX packet.)

Sep. 8-9	European DX Contest, phone
Sep. 9	North American Sprint, CW*
Sep. 15-16	Scand. Activity Contest, CW
Sep. 16	North American Sprint, phone
Sep. 16	Postponed—NCCC Reunion on the Air—Postponed*
Sep. 21	NCCC monthly club meeting*
Sep. 22-23	Scand. Activity Contest, phone
Sep. 29-30	CQ WW RTTY DX Contest
Oct. 6-7	CQP—California QSO Party*
Oct. 12-14	1990 ARRL Pacific Division Convention, San Jose, CA*
Oct. 14	RSGB 21/28 MHz SSB Contest
Oct. 20-21	1990 Scout Jamboree-on-the-Air
Oct. 21	RSGB 21 MHz CW Contest
Oct. 27-28	CQ WW DX Phone Contest

* See news item for more details.

PRESIDENTIAL PROCLAMATION de W6ISQ

OF COURSE I SAID A MILLI YUN!

Confessions of a casual contester

AN ESSAY—WHO WAS THE REAL "SLIM"

Now, of course, testers are not expected to know about "Slim." DXers are. But because NCCC members are well above the average tester, and know everything, and a high percentage have been known to chase DX, I shall put forth this question in this Northern California Contest Club publication, the Overflowing JUG.

What is a "Slim"? In DX jargon, a Slim is a pirate, and a pirate is some fella who is not who and/or where he says he is, i.e. ZA6ISQ is not in Albania. So he is a pirate, or a "Slim" in all languages.

I suspect there may be many stories about the origin of the term "Slim". Here's mine. Long time ago, maybe late 60s or early 70s, of a warm summer evening, I heard a huge pileup pounding frantically on the low end of 20 — CW, of course. I was pointed at Europe, but rotated around a bit and peaked the station due east. The operator was working fast, contest style, and split up a few kc. Periodically he said he was on an island in Boston Harbor and gave a "W1" as his QSL manager, and . . . his name was "Slim".

This went on for a couple of hours, as I recall. On the CATS NET, NCDXC two-meter net, the fellows began to joke about Slim and tried to break the pileup. There was no DX on, and it was the best game in town. Operators all over the country were committing their usual bad habits trying to raise Slim. And Old Slim kept roaring along about 35

wpm and seemed to enjoy all this friendly, good-humored attention.

Shortly afterward, the Great Hugh Cassidy, WA6AUD, editor/publisher, squirrel fancier, window cleaner, etc., of the world renowned West Coast DX Bulletin, and early Board member of NCDXF, and later DX editor of CQ mag, picked up on the use of the word Slim to mean pirate. And thus it became part of the DXer's vocabulary.

Now I may be completely wrong. Maybe Cass began using Slim long before this event in Boston Harbor. At any rate, it was Cass who popularized the name Slim to apply to a pirate.

Anyway, that's my version of the origin of Slim. Don't be bashful or lazy or rely on the usual excuses that someone else will do it. If you have a different origin for Slim, please send it in or call. We would like to hear other versions.

Last issue I said something about getting Cass to write a paragraph or few for us. And I forgot to call him. I'm gonna do it this time and ask how he got to using "Slim". You say, "Why didn't you ask him first before you flailed away at your version?" To which I reply, "If I had asked him first, I could only have gotten one story out of this. But now I can get two, OK? Looks better on my resume!

Now, if Cass replies, you can expect him to tell me my version is absolutely incorrect. He will say it nicely. Then, in about 10 pages, he will tell us all about boating on SF Bay, mountain climbing in the Sierras, his erstwhile pet squirrel, U.S. Postal regulations, why "DX is," and other assorted fascinating subjects. You may never find out about the origin of Slim, but think of all you'll know about postal regs.

Hey, I wonder if after all these years of foggy silence the REAL SLIM will stand up and identify himself and tell us about that summer night in Boston Harbor or indeed the first time his name was used. Don't everybody jump up and claim credit at the same time. It is probably way past the FCC statute of limitations so what have you got to lose out there, Slim? Take a chance. But just in case, we have W6SZN who will take your deposition. Don't know what he will do with it, but he will take it. Fess up now! Let's hear from you, Slim.

P.S. True to the great tradition of investigative reporting, a reporter from the JUG just telephoned Cass. He will indeed be glad to give us the "True" version of the REAL SLIM next month. We may have to present his reply in serial form from month to month. Stay tuned.

SHOULD WE SPELL IT MILLY OR
MILLI...YUN?

"POME"

A Milli Yun points we did ask,
From all Triple Cs; that's your task.
It should be quite easy,
With an effort quite measly.
Then under the limelight you'll bask.

QUESTION FOR ALL NCCC ARITHMETICIANS

If one Milli Yun = 1,000,000
How much is a Yun worth?
OK, a milli = 0.001 — right?
So, 0.001 x one Yun = 1,000,000
So, one Yun = 1,000,000 + 0.001
So, one Yun = 1,000,000,000 = one Billi

What do you think? Can that be right?
You mean a Milli Yun really equals a Billi?
Ah look, fellas, all we can ask for is a Milli
Yun, never mind a Billi. But it would be nice.
Where did we go wrong here. Must be a better,
more complex computer solution.

I'D WALK A MILLI YUN MILES . . .

NCCC ANTHEM

I was pulling weeds in my garden last week and thinking about glorious past deeds of NCCC when I suddenly realized that, by George Varvitsiotes, NCCC did not have an Alma Mater song. After all these years and victories, why no hymn of praise to those gallant contesters going forth and back to do battle with the World's Greatest against all odds? Gadzooks. Unbelievable. Battle Hymn of the Republic? Ode to Joy? Anything greater come to mind?

"All hail to thee
Our Old Triple C . . ."

. . . FOR ONE OF YOUR SSS. . . MILLIS

Why have a contest club? Just to make a Milli Yun? There must be other reasons! Tell us.

A MILLI YUN TNX

QUESTIONNAIRE UPDATE

Remember, you only have a few more weeks left to send in the Questionnaires from your *July Jug*. Why not be a part of something BIG and participate in this survey? The results, we hope, will be the backbone of the October meeting and perhaps others.

The first answer received was from NB6L.
Tnx!

I am really enjoying reading these questionnaires. Here are a few random comments from a few of those who have joyously taken 15 minutes to fill out the form:

"Keep on the air as much as possible . . . it pays to advertise"—K6ZM. "Don't go overboard in complexity—don't change plugs between practice and race"—W6QHS (old champion auto racer).

And here are others who have helped in the survey—N6KT, KI6EZ, W6CF, WB6DSV:

"Have a good operator"—W6BIP. "Who needs 100 memories?"—W6BSY.

Thanks to W6TEX, W6KG, K6SIK, WZ6Z.

"Get a better CW call"—NB6L. "Have a Portapotti close by."—K6MO.

Thanks N6GG, W6OAT, K6MA, W6DU (non-member; everybody wants to participate!)

"Set goals"—N6RO. "Always have a signal on"—WR6R. "Who wants all this? Didn't think anybody cared what I have or thought"—W6VG. We are vitally interested, Ron.

Thanks N6EK, K6TMB, W6RJ, AK6T.

This is a partial list, but if your call is not here, perhaps you have not yet sent in your summary. Why not help?

If you don't have your copy of the *July Jug* and need a Questionnaire, call me on two meters or packet and I'll send one plus a SASE. What can you lose? Participate for 15 minutes.

A MILLI OR A BILLI . . . TAKE YOUR PICK.

TROSTEROSTER

Let's see who/what became memorable and/or famous this past month. Let's see who made the Trosteroster.

To begin with, there was the great summer PICNIC at the home of STEVE, WB6MZQ, and XYL LEILA, attended by NCCC's Mexican food lovers and friends and families. Many thanks to both our hosts and Leila's Mexican mom for the time they spent preparing the delicious food and for the event. We all thoroughly enjoyed ourselves. There was a lot of food and good cheer and everyone went home happy.

In attendance were three gentlemen (sic) who were voted into membership. They each took the pledge to score a Milli Yun points come Oct/Nov.

We welcome STEVE, N6ST, who took time out from editing the NCDXF Newsletter and descended from his Los Gatos mountain top for the trip across the lowlands. Steve has multi-element monobanders at 3200 feet and examines his final if he has to call a station twice—unless the first station was W6QHS at 19,462 feet and oxygen.

BRUCE, AA6KX, also joined up. Now he lives on that Saratoga hill somewhere not too far from N6ST. My gosh, there will be a torrent of RF pouring off that mountain—all dedicated to NCCC, we hope.

Then we have JAY, WX0B, down in the garlic capital of the world, Gilroy. Jay is creating a multi-multi-multi station that is expected to clear the sinuses and wilt the nearby garlic. Another Milli Yun or three from yonder.

Welcome to all. Thanks for joining us.

My old neighbor OLIVER, WA6QGW, now masquerading as W6NV, showed up and applied for reinstatement. He just jumped on his skateboard and shushed down the mountain to MZQ's place. He promises Big Points from somewhere out there on the globe.

And the families of Directors RICH, N6KT, and AL, AD6E, were soaking up the sun and pool too. Did I forget any?

Then there was RUSTY, W6OAT, reaching up over the back fence snousing wild blackberries. Caught in the act with fingers, lips and teeth all stained blue. A few others were there, too, but they fled detection too fast for a positive ID. There were enough berries on that hillside to take care of Marie Callender for the rest of the season. Rusty and the others were helping Marie.

HOWARD, WZ6Z, brought along his house guest, Einar, LAIEE. Remember last month's saga

about Howard lining up LZ1MS for a series of lectures at . . . ahhhhh . . . CAL this fall? Wonder where Einar will lecture?

I tried to take a closeup foto of HOWARD and EINAR. Problem was when I focused on Einar's head and shoulders I couldn't see Howard. And when I focused on Howard, I could see only Einar's stomach. I had to back off and almost fell in the pool. Foto to be published soon—right here in your favorite newsletter, the *Overflowing Jug*.

Lot of great chatter. Saw JIM, W6CF, and EINAR, LA1EE, sitting well off to the side and speaking in whispers. Could it be that a new country was being brewed right there at MZQ's pool?

And a big apology to DICK, W6KH, one of the drive-to-work regulars on the NCCC two-meter net. I thanked him in the *Jug* last month for sending in his Questionnaire and then added he was not a NCCC member. I was wrong. Of course, Dick is a member in great standing. Only wish he would put his booming signal in the CQWW and add a Milli Yun. You see, Dick, I guessed you didn't read the *Jug* last month or you would have told me you were a member. You see the tricks I use to catch people who don't read the *Jug*. My apologies anyway, Dick!

About a month ago, LOUESE, KA6ING, logged 37 different stations checking into our two meter repeater during the morning commute. Hope you will join in. Let's have some more. Use it.

READ THE *JUG* AND MAKE A MILLI YUN.

BOB, N6TV, BEGAN AT THE BOTTOM

Everybody knows Bob, N6TV, was hired by a well-known firm many years ago to be a computer whiz. But you didn't know he had to start at the bottom and serve as an apprentice at all levels. Neither did he. So, the first day on the job, the boss took him to the basement and introduced him to the Maintenance Engineer (janitor) and was told to begin sweeping.

Bob said, "Me? In the basement with a broom? Don't you know I went to Cal?" "Hmmm," said the Maintenance Engineer. "Oh well, in that case, here let me show you. You grab the handle with your right hand near the top. Your left hand goes about halfway down. Then you put the broom on the floor and row like a boat. Think you can handle that?"

N6TV WILL MAKE MORE THAN A MILLI—WILL YOU?

BOD MEETING

We held a Board meeting at N6KT's place on 28 August. Read details elsewhere in this *Overflowing Jug*. Let us acknowledge here the generosity of the entire membership for the \$1000-plus of extra funds sent with the dues due 1 July. Really a great outpouring of support. We can now have a 48 page *Jug*! Actually the money was for awards expenses, etc. Thanks all.

Thanks also to Bob, W6RGG, for taking the long ride to attend the meeting and keep our deliberations on track. Bob always offers good, experienced input. We 'preciate.

Pete, WB6OOL, also came over. Pete is a former NCCC member who is thinking of rejoining. We hope he does. He has considerable operating talent. Pete is the fella we always turn to when it comes to fixing our repeater. And he will fix it again for us now! In case you didn't notice, it has been kinda pooped out lately. Pete thinks it's one of them transmitters in the final. Pete has done the same repeater servicing for the DX club for many, many years. Many thanks, Pete, from all of us at NCCC. Rejoin, eh?

Pete is an Old DXpeditioner too. He was on the first Kingman Reef DXpedition a long time ago, along with NCCers W6OAT and W6RJ plus N6RJ from down south. I believe I was the last contact with Pete when he was trying to transmit info about their abandonment of the reef in the face of the hurricane to a local radio station in San Francisco. Pete was transmitting and I was talking to the radio station. Pretty exciting time. Yep, long time ago.

EGA MILLI YUNS

SEPTEMBER MEETING

Mark September 21 on your calendar for our September club meeting. Attitude adjustment starts at 6:30 p.m. Dinner comes on at 7:15 p.m. See the meeting notice and map below.

Back to the Wagon Wheel, folks, where we were for our last sit-down formal meeting. This is partially by popular demand and partially because I did not look elsewhere this month. We hope W6RGG will not embarrass us all again this time. Will you try Bob? Cost is \$16 plus or minus a half, I think.

This will be the BIG CQWW KICK-OFF meeting with a gala array of Big Guns to fire a broadside at us and to answer our questions.

As Ringmaster, we will have the station master of N6RO, the one, the only, Big Lu, K6TMB. He will introduce the speakers: In ring number one Bob, N6TV, who will tell us about his predicted propagations for the contest. In the second ring is Rich, N6KT, who will tell us phone techniques to use to be sure to work him all bands wherever he is. Then we have ring number three and Kip, W6SZN, who will do likewise for CW. And with a little bit of luck, The Devil Mountain Jazz Band's very own Ken, N6RO, himself in person, atop a flying trapeze, will tell us how to put it all together—if he is not on the road with the band. Big Lu will urge them on and field questions from us minions and keep a semblance of order.

If these fellas don't show, James A. Maxwell, W6CF, will read Renaissance poetry and recite German limericks.

There should be enough energy generated by these speakers to enthuse everyone to . . .

MAKE A MILLI YUN

AND IN CONCLUSION I think I have fulfilled my one page contract again this month; so, I'll be off. Don't forget to read the October *Jug*. We'll hope to find out from WA6AUD who the real "Slim" was. And, I hope, we'll broadcast a summary of some of the items derived from the Questionnaire. Hope you can stand the QRX.

Work hard and 73, de W6ISQ

September club meeting draws near

The NCCC dinner meeting is scheduled for Friday, September 21, at the Wagon Wheel Restaurant, 282 East Middlefield Road, Mountain View, phone (415) 967-1244. Cocktails at 6:30 p.m., dinner at 7:15 p.m.

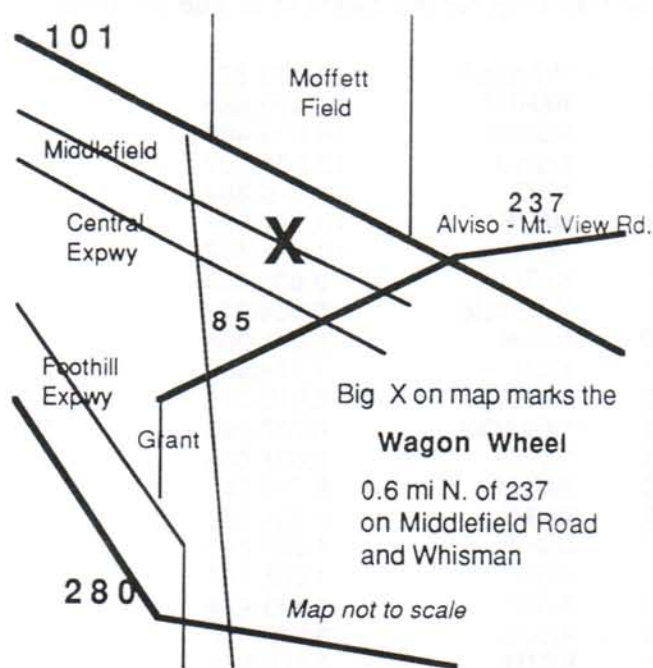
See SEPTEMBER MEETING in Prez Troster's message, above, for details of planned activities.

FIVE MILLION POINT RULES

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.



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 for 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 toward 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 operators and submit a summary for that portion of the total effort. This award will be serialized and of good design.

HOW TO ENTER

Send a duplicate copy of your summary sheets to the VPCC. 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".

STANDINGS

The standings for this award as of Aug 30, 1990:

1	WA6VEF	18,489,368
2	K6HNZ	17,470,586
3	K3EST	14,606,489
4	N6RO	13,274,397
5	N6IG	12,376,362
6	NC7K	10,371,637
7	WZ6Z	10,031,487
8	K6TMB	9,636,658
9	WA6AUE	9,504,275
10	N6EK	8,041,908
11	KI3V	7,164,908
12	NU6S	6,810,511
13	VE2AQS	6,727,190
14	N6TIB	5,821,646
15	WX6M	5,754,542
16	W6FSJ	5,431,599
17	N6KT	4,537,248
18	AI6V	4,505,144
19	AJ6V	4,333,474
20	AD6E	3,995,447
21	K6ZM	3,806,864
22	W6ISQ	3,788,868
23	N6CCL	3,778,048
24	KI6EZ	3,761,215
25	VE7NKI	3,260,081
26	W6BSY	2,996,956
27	W6BIP	2,980,444
28	AK6T	2,953,674
29	NB6L	2,891,353
30	KI6CG	2,851,615
31	NP4IW	2,727,633
32	WC6H	2,569,908
33	K4UVT	2,506,545
34	WR6R	2,194,805
35	K6MA	2,154,679
36	K6XO	2,136,965
37	K6SIK	2,106,739
38	W6SZN	2,085,426
39	N1EE	1,964,342
40	W6OAT	1,927,944
41	N6GG	1,721,342
42	KS6H	1,633,182
43	N6BT	1,575,210
44	WB6MZQ	1,565,963
45	N6TV	1,403,401
46	N6VV	1,366,187
47	NV6Z	1,323,315
48	K6HIH	1,294,345
49	N6EE	1,207,690
50	WC6I	1,048,362
51	K6PJY	1,039,327
52	W6XX	988,083
53	NX6D	890,127

54	W6RGG	855,896
55	K6LRN	723,327
56	N6TU	718,198
57	W6OSP	631,469
58	K6RK	513,307
59	W6VG	423,612
60	K6PU	350,182
61	K6KLY	330,453
62	N6OM	328,464
63	K4TKM	309,080
64	KA6ING	284,715
65	K6WJ	282,384
66	N6ZB	260,739
67	WU7Q	252,900
68	KN6K	245,797
69	W6RJ	228,517
70	K6MO	213,086
71	W6QHS	210,749
72	W7XA	198,404
73	K6CSL	189,554
74	W6WB	184,920
75	KA6W	181,355
76	KJ6FD	164,008
77	AA6T	158,115
78	WA7NIN	124,616
79	N6DA	91,200
80	CE3AQI	88,491
81	W6MFZ	87,968
82	WW6D	71,186
83	K6KM	59,806
84	KA6LAF	53,400
85	W6KZJ	32,980
86	K6YT	28,905
87	WB6DSV	28,620
88	WA0YQM	24,680
89	W6SYL	21,351
90	W6DPD	11,016
91	N6BIS	5,550
92	N6XI	574

Treasurer's report

DUES ARE OVERDUE!!! DID YOU GET THE BIG RED "X"?

I've been trying to collect dues for three months now, and there is both good news and bad news in this. The good news is that the response to the club's financial woes has been tremendous to, say the least. I've received about as much in extra donations as I have in actual dues. The following Treasurer's Report tells that side of the story. The bad news is that there are a lot of you who have yet to even send me your dues, let alone any extra donations! This is the time of year when our coffers are fairly full. However, the dues income MUST last us through next JULY!

If your *Jug* mailing label has a RED X marked on it, that means I still haven't received your dues. It also means this may be your last *Jug*!!!!

Again, dues are \$20.00 (\$10.00 for associate members).

Mail to: AD6E, 3330 Farthing Way, San Jose, CA 95132.

NCCC Treasurer's Report
July 1, 1990, through Aug 17, 1990

INCOME AND EXPENSES

ITEM	BUDGET	ACTUAL
Membership Dues	\$2,250.00	\$1,780.00
<i>Jug</i> and Roster Ads	500.00	0.00
<i>Jug</i> and Roster Publishing	(1,000.00)	(379.18)
CQP	(1,100.00)	(413.39)
Membership Awards	(600.00)	(113.70)
Visalia Hospitality	(200.00)	(0.00)
Self-Funding Events	0.00	(100.00)
Sponsored Awards	(150.00)	0.00
Contingency Fund	(200.00)	0.00
TOTAL	\$(500.00)	\$ 773.73

Notes:

- As of Aug 17, 1990, the balance in our Wells Fargo checking account is \$2,291.93, which includes \$1,153.65 for the Repeater fund.
- Membership dues have been collected from 52 members.
- Self-funding events has paid \$100.00 to the Pleasanton Hotel for Awards banquet reservations. This is expected to be balanced back to zero at the time of the event.

Respectfully submitted, Al Maenchen, AD6E,
Aug 17, 1990.
SPECIAL THANKS

I would like to give special thanks to all of you who came through for the club by giving us a little extra in your dues checks this year! Special thanks go to W6OAT and KI6EZ, who each held \$100.00 in front of our noses and prompted such an excellent dues drive. More special thanks go to

AI6V, NB6L, W6ISQ, N1EE, N6TV, K6TMB and K6MO, all of whom gave above and beyond the call of duty and raised the average contribution significantly!

—AD6E

August picnic meeting

The August NCCC meeting was held Aug. 18 at the QTH of WB6MZQ in Orinda.

W6ISQ opened a short business meeting at 3:15 p.m.

AD6E gave a short treasurer's report, which stated that the club has received \$990.00 in dues and \$785.00 in special matching contributions (cheers!) W6OAT and KI6EZ were then asked, reasonably politely, to make good on their promise to donate \$100.00 each. To their credit, both Rusty and Alex came forward and gave their donations to Al (more cheers!).

AD6E read new member applications from:

- KE6ZE, Dave Engle, who was not present, so his application will be held until the Sept meeting.
- AA6KX, Bruce Sawyer, 15430 Bohlman Rd, Saratoga, CA 95070. Work (415) 962-7178, home (408) 741-0518.
- WX0B, Jay Terleski, 2635 Dryden Ave., Gilroy, CA 95020. Work (408) 987-6114, home (408) 842-9904.
- N6ST, Steve Thomas, 13707 Skyline Blvd., Los Gatos, CA 95030-9514. Work (415) 694-2617, home (408) 741-1203.
- N3AHA, Ace Jansen, 51 Kenbrook Circle, San Jose, CA 95111. Work (408) 742-7401, home (408) 224-3017.

The four nominees were evicted from the meeting while the rest of us debated in depth their qualifications. Finally, WZ6Z moved and WB6MZQ seconded a motion to accept all four in batch mode. W6ISQ conducted a vote and determined the result was unanimous in favor of acceptance.

N6ST moved to adjourn. AD6E seconded. W6ISQ took a vote and then adjourned the meeting at 4:00 PM. —Al, AD6E

August BOD meeting

Your astute Board of Directors met Aug 28 at the QTH of N6KT. Present were AD6E, N6KT, W6ISQ, N6TV, W6RGG, and WB6OOL. W6ISQ opened the meeting at 8:15 PM.

Jack reminded us to get *Jug* material to AK6T before the end of the month.

N6TV reported organized activities for upcoming contests. Of concern is the lack of reported CQWW DXpeditions. Anyone thinking about going abroad for CQWW please let Bob know about it! Several big multi-multis are still looking for operators, both modes. Anyone interested in operating, please contact Bob. Lots of publicity has gone out for CQP. WA6VEF has been very active publicizing.

The Sept *Jug* will have lots of info. N6TV has a list of which counties are needing activity. If you would like to operate from a rare county, contact Bob. NCCC will have a Sweepstakes club entry.

N6TV is putting together a contest forum at the ARRL Pacific Division convention next month at the Le Baron hotel in San Jose.

N6TV has set up a dupe sheet committee (N6KT and N6BT(?)) to draft a new, modern dupe sheet for those who still rely on paper and pencil. The committee will hand out these dandy sheets at the October meeting.

AD6E read reinstatement requests from four old members desiring to rejoin the club. AD6E moved and N6KT seconded to accept into full membership W6NLG, WB6SHD, AG6D and W6NV. The vote to accept was unanimous in favor.

AD6E reported that 1990 dues are trickling in slowly; about half of the membership has renewed so far. The deficit elimination goals have been met already and, in fact, far exceeded. An extra effort will be made to encourage the rest of the club members to renew soon.

N6TV brought up the issue of CQP and CQWW awards rules. Due to the fact that K6ZM was not present, this issue will be taken up at the next BOD.

W6RGG verified that the next BOD will be at WZ6Z on Sept. 25.

W6ISQ closed the meeting at 9:45 PM.

—Al, AD6E

List of CQP records available

Gary, WA6VEF, has compiled a special CQP records list. The list ranks the top five single-op scores ever made for all 58 California counties. Also included are the Top Five ever in multi-single, multi-multi, single-op and multi-op California county expeditions, and mobile single-op or team. For a copy, send a business-size (#10) SASE to:

Gary Caldwell
POB 8014-56
Blaine, WA 98230

Iris and Lloyd honored by ARRL

At its meeting in Farmington, CT, on July 20 and 21, the ARRL's board of directors conferred on NCCers Iris Colvin, W6QL, and Lloyd Colvin, W6KG, a special award as Amateur Radio Ambassadors of the decade 1980 – 1990 for their tireless efforts to foster international goodwill by means of amateur radio. Nice going, Lloyd and Iris! Congrats and KB —Rusty, W6OAT.

Colvins entertain NCCers and NCDXCers

Iris and Lloyd Colvin, W6QL and W6KG, threw their annual party on July Fourth, entertaining several dozen NCCC and NCDXC members, spouses and friends. The world's most famous husband and wife DX team have provided this lavish hospitality every Independence Day for some years. All who attended enjoyed good company, food and drink, plus the chance to talk DX and see the world's biggest collection of QSL cards.

On behalf of NCCC and NCDXC, many thanks, Lloyd and Iris! — Pat, AK6T

YASME sails again

Not really — but in spirit!

Lloyd Colvin, W6KG, and Iris Colvin, W6QL, left on August 20 for a half-year's YASME DX-Expedition. They have been using the call 5H0QL from their first stop, Tanzania. The well-known DXer Tom Warren, 5H3TW, has a place for the Colvins to stay and operate.

After Tanzania, Lloyd and Iris hope to visit many of the remaining countries where they have not been before, and to operate in such countries if permission is forthcoming.

As usual, they will be on all bands, operating about half CW and half SSB. They plan to visit Mozambique and Madagascar and hope to DX from those rare countries if operating permits come through.

All QSLs should go to YASME at POB 2025, Castro Valley, CA 94546.

—News release from Bob Vallio, W6RGG, Secretary, Yasme Foundation, updated by AK6T.

K4UVT promoted

Bob Dorsey, K4UVT, has just completed two weeks of Army reserve duty at Fort Ord with captain's bars on his uniform. His promotion from lieutenant came through by fax just in time for him to wear his new insignia during his military stint, which involved computer programming.

Congratulations, Captain Dorsey! — Pat, AK6T

New book about Don Wallace, W6AM, available

Jan D. Perkins, N6AW, has announced a special prepublication price for his new book, *Don C. Wallace, W6AM* (hardbound, 350 pp).

Regarded by many as the world's leading radio amateur, Don got on the air in 1911, before the first radio regulations were enacted. He served as radio operator for President Wilson at the Versailles Peace Conference. Don was a charter member of WAC in 1926. The winner of the Hoover Cup for the best home-built amateur radio station, he was famous for his 16 rhombic antennas on 120 acres in Rolling Hills, Southern California.

Order now at the prepublication price of \$19.95. Calif. residents add \$1.35 sales tax and \$2.00 handling and shipping. Outside USA, \$3.00 handling and shipping. Ordering address is:

Wallace & Wallace

11823 E. Slauson Avenue, Suite 38

Santa Fe Springs, CA 90670

• Toll free: (800) 266-2908

2nd Annual NCCC Limerick Contest progresses

A ham in the Mass. town of Gloucester*
Thought he'd contacted author Jack Troucester;
But the card he sent Jack
ISQ sent right back
With a note: "Guess you worked an
impoucester."
—Bob, W1ARR

* Gloucester is pronounced "glosster."

Great progress this month on the limerick front! A whole passel (pronounced passel) of NCCC limerists came up with submissions for the first half of our Second Annual NCCC Limerick Completion Contest. As you will recall, this contest is being held in two phases. In the first phase NCCC contest poets (poeters) were to submit the first four lines (only) of a standard five line limerick. The SECRET COMMITTEE was to select the best

four-liner, which would then be used as the starting point for the second phase of our test.

Unfortunately, or perhaps fortunately, so many top-quality four-liners were submitted, the SECRET COMMITTEE decided to award five first prizes for phase I. Completion poets therefore have five chances of bringing home the bacon. The single overall best effort will be awarded a valuable and lavish first prize, to be presented at the October meeting.

Bob Hill, W1ARR, was nearly disqualified and barred from competition for life for a flagrant violation of the rules: he completed all his limericks! Following an impassioned appeal and bribe by his friend and supporter N6TV, the SECRET COMMITTEE decided to let W1ARR off with a stern warning to shape up. The SECRET COMMITTEE agreed that anyone with the guts to rhyme Gloucester with Troster (see above) deserved one last chance.

Some entrants did not seem to understand that the *Jug* is a family publication. It was therefore necessary to make small editorial changes to some of the entries, removing certain references to team contortionists, disgusting bladder diseases and CW-copying ducks. The SECRET COMMITTEE trusts that the entrants will agree with the changes made. Here, then, are the five winners of the first phase of our contest:

There was a contester named Lou,
Contesting was all he could do.
But he made lots of trouble
Working everyone double,
Da dum, da da dum, da da doo.
—Rich, N6GG

McGill ran fantastic high power
To a beam on a very high tower.
When the FCC called
He then frantically bawled
Da da dum, da da dum, da da dower.
—Jack, W6ISQ

A team traveled far 'cross the sea
To win points for the N triple C.
They shouted, with pride,
"We'll win the World Wide!"
Da dum, da da dum, da da dee.
—John, K6GSS

Bob Wilson, TV— what a man—
 He runs 'em like no one else can—
 In the Sprint ran such rates
 That he worked eighty states,
 Da dum, da da dum, da da dan.
 —Bob, W1ARR

There once was a ham with a dream:
 Though his signal was already mean,
 He wanted more power
 To feed to his tower
 Da dum, da da dum, da da deem.
 —Howard, WZ6Z

OK, laddies and ladies, you have five good ones to work with. Who will come up with the prize winning, fabulously fantastic and fitting finish to one or more of the above? Get your entries to Jim, W6CF, no later than Monday, October 17. The winner will be announced and prizes awarded at the October NCCC meeting.
 —Jim, W6CF

NCCC Reunion on the Air Postponed

Due to a conflict with the North American Sprint Phone, and at the suggestion of contest organizer WA6VEF, the NCCC Reunion contest originally scheduled for September 15, 1990, has been postponed until January or February 1991. This will give us additional time to notify the more than 250 past and present NCCCs about this first-ever NCCC reunion. More news in an upcoming issue of the *Jug*. —Bob, N6TV

California QSO Party—reserve your county!

Our goal is to put every California County on the air. To date, I've received written commitments (postcards) from the following stations:

CALL	COUNTY OF OPERATION	EFFORT
N6AU	Alpine/Mono/Tuolumne	Full-time
K6BPB	Amador	Full-time
W6JTI	Humboldt	Full-time
N7CW	Imperial	Full-time
KA6CZS	Kern	Limited
N6LL	Kern	Limited
KR6G	Lake	Full-time
N6HC	Los Angeles	Limited
KB6LZW	Mendocino	Uncertain
W6RFF	Placer	Limited

KF7AM	Plumas	Full-time
W6TKV	Riverside	Full-time
N6CFQ	Riverside	Limited
KF6A	Sacramento or Colusa	Full-time
WA6BWT	San Benito	Limited
W6HAL	San Bernardino	Full-time
W6UQF	San Diego	Full-time
KJ6DL	San Joaquin	Full-time M/M
W6TKF	San Luis Obispo	Full-time
W6AB	Santa Barbara	Full-time
N6TV	Santa Clara	Full-time
KI6EO	Santa Cruz	Full-time
NS6V	Santa Cruz	Full-time
KB6HWZ	Shasta	Full-time
N6JM	Sierra	Full-time
KD6GC	Sonoma	Full-time
KF6YL	Sonoma	Full-time
WB6KOE	Tehama	Limited
WJ6Q/M	Trinity	Limited
KI6PG	Tuolumne	Limited
N6VR	Ventura	Limited

We urgently need people who can put the missing counties on the air, either via mobile or fixed station. Now, since I'll probably receive more postcards over the next few days, it would be best to call me at (408) 629-9480 (or send me a packet message) if you plan to operate from a rare county. This will help avoid duplicate county expeditions. Remember, we want to get every single California county on the air again this year! —Bob, N6TV

Yes, Virginia, there is a Sweepstakes!

The NCCC will indeed submit a club entry in this year's ARRL Sweepstakes contest. Yours truly plans a full bore effort on CW. Send a copy of your summary sheet to me, N6TV. Log and summary sheets will be available at an upcoming meeting, or forget the hard copy and try out the K8CC software! It's really fun. —Bob, N6TV

Pacificon '90

This year the NCCC is planning a program for the Contest Forum at the Pacific Division Convention, LeBaron Hotel in San Jose, October 12-14 (weekend AFTER the California QSO Party). The pre-registration fee is only \$12. Send to:

Pacificon '90
 481 Fenley Ave.
 San Jose, CA 95117-1622

See you there! —Bob, N6TV

Best hilltop I've ever seen

Your truly, plus W6ISQ, W6CF, K6TMB, KA6W and assorted XYs had the honor of meeting OE6MBG and his wife, OE6YWF, at the mountain top home of antenna expert W6QHS. Now, folks, I've seen a lot of hilltops, but Dave's is really something special. On the topo maps it's called Comex Peak, and his house is literally built right at the very top. Comex Peak is next to Mt. Umunum, the highest peak in the South Bay. Comex Peak is only 40 feet lower in elevation, and the views are truly spectacular.

As an aside, I learned that Umunum is the Indian word for hummingbird. And, sure enough, hummingbirds were everywhere. I counted 12 at once, all on a single feeder. Dave says he's seen over 30 at once all fighting for the same sweet nectar. Can you imagine the buzzing? Louder than the QRN at W6RGG.

It was a beautiful, clear day with very little wind. Starting to the east and working north, we could clearly see Mt. Hamilton, Mt. Diablo, Mt. Tamalpais, Golden Gate Bridge, Sutro Tower, San Bruno Mountain, Santa Cruz, and all of Monterey Bay. Dave claims that on a very clear day you can see Half Dome from up there. I believe him!

Originally designed to be a TV transmitter site (no, not N6TV), Comex Peak was already wired with 3-phase 220V ac. The TV license was denied when it was discovered that the coverage would have been too large (my guess is all the way from Sacramento to Carmel and perhaps even to Fresno).

Next time you want to know why W6QHS is so loud, you'll know. He's line-of-sight to everybody! Thanks, Dave and Barb, for an unforgettable afternoon. —Bob, N6TV

All Asia CW claimed scores

WX0B (+AA6KX, AA6PG, AD6E, N6TV): 1008 x 303 = 314,514 (new record?)

N3AHA (at WA0QII): 205 x 82 = 16,810

—Bob, N6TV

Murphy of the month

Yours truly planned to operate the All Asia CW contest from home. Had to go to work Friday, got home late, blew fuse in amplifier whilst loading up

finicky 160 meter antenna just 30 minutes before the contest, got disgusted because didn't have spare fuse, didn't even make one QSO, spent all day Saturday trying to find a fuse. Found some at Quements (\$2 each!), put fuse in, amp arced and blew another fuse, went to sleep, got up at 1:30 Sunday morning, drove to WX0B's multi-multi in Gilroy. Operated 40 meters. IC-781 receiver broke on 80 meters. Arced his SB-220 by turning the wrong bandswitch while someone else was sending CQ, tuned in WWV at 1500Z, K-index was 6, I quit. Drove home, went to sleep, woke up and ate some ravioli, 4 hours later discovered I shouldn't have eaten the ravioli, had to call in sick on Monday.

I respectfully submit my application for Murphy of the Month. —Bob, N6TV

Passband filters for multi-transmitter stations

The easiest and most effective way to prevent inter-station interference during a multi-transmitter operation is to put a bandpass filter in the receive line. Such a filter passes signal only for a narrow band (say, 7.0-7.3 MHz), preventing strong nearby signals (on, say, 3.525 MHz), from overloading the receiver. These filters have been home brewed by several members of our club. Unfortunately, it takes quite some time to build a filter for all six bands 160 through 10. And it requires a spectrum analyzer and signal generator to ensure that the passband filters operate as desired.

Now, for the first time I've seen, a new company is commercially manufacturing HF bandpass filters (as well as many other types of filters) at a very reasonable price (\$26.95 each). Here's what it says in their 1990 Product Catalog:

"Rated at 250W PEP standard, these units are ideal for multiop applications, contests, Field Day, or for prevention of serious out of band interference. A combination of Cohn-type and separated link-coupling achieves over 60 dB of rejection outside useful rated passband, yet filters measure only a trace (less than .25 dB) attenuation loss inside frequency rated spectrum. Units are 50 ohm standard, non-polarized, non-dc passive, SO-239 connectors in thick, aluminum shielded enclosure."

Note to kW stations: Just put these filters BETWEEN your transceiver and your amplifier, and everything should work fine as long as you don't transmit on the wrong band with the wrong filter!

These filters may be ordered direct from the manufacturer with a VISA card:

Industrial Communication Engineers, Ltd.
P.O. Box 18495
Indianapolis, IN 46218-0495
• (800) 423-2666

I've ordered some TVI filters from them, and I've been pleased with the rugged construction. A report comparing the performance of these and other bandpass, lowpass, and highpass filters is planned for an upcoming issue of the *Jug*.

—Bob, N6TV

New addition to NCDXF beacon net

The following item announcing a new three-band beacon is reprinted from the Summer 1990 issue of the NCDXF newsletter. We used no fancy computer hocus pocus for our cut and paste job—just the *Jug* editor's scissors and a glue stick.

Thank you, NCDXF, for the beacon, a valuable aid to all amateurs who like to work DX in or out of contests.

by Jack Troster, W6ISQ

There is something new on the NCDXF 14.1 MHz Beacon Net! Now almost everybody in the world who is anybody, knows about the NCDXF Beacon Net on 14.1 MHz – a frequency designated by the IARU as a "beacon frequency". The net has been in operation for almost 10 years and has been widely discussed and written about in amateur publications around the world. There are presently nine stations in the net which broadcasts a one minute message every 10 minutes, 24 hours a day.

Primarily the message consists of four nine second dashes at power levels attenuated in sequence from 100 watts to 10 watts to 1 watt to 0.1 watt. You will be amazed at how many times you will hear the 1 watt and 0.1 watt signal from a beacon across the world.

The stations in the net and their sequential times of transmission are: 00:00 4U1UN/B, 00:01 W6WX/B Stanford, CA, 00:02 KH6O/B, 00:03 JA21GY/B, 00:04 4X6TU/B 00:05 OH2B, 00:06 CT3B, 00:07 ZS2DN/B, 00:08 LU4AA/B, 00:09 nothing, at 00:10 back to 4U1UN, etc every 10 minutes.

The new addition to the net is a new capability at W6WX/B which was recently converted to a three band beacon. After the W6WX/B one minute

message on 14.1 MHz, it switches to 21.150 MHz for the same one minute message beginning two seconds after the 14.1 MHz message ends. At 00:03 the beacon switches to 28.2 MHz for the same message again. If you can switch bands and spin the dial fast enough you may hear the beginning of each transmission. This is a rather fantastic system and very interesting to monitor.

The prototype three-bander was designed and built by NCDXF director W6QHS and master builder/designer N6EK.

The NCDXF hopes all nine beacons will be converted to the triband type beacon within a few years. Other beacons may be added to the net later. Just think of the interesting information this new three-band system will provide amateurs and researchers!

We would appreciate your evaluation of the three-band beacon W6WX/B. Please send your comments to Al Lotze, W6RQ, 46 Cragmont Ave, San Francisco, CA 94116-1308



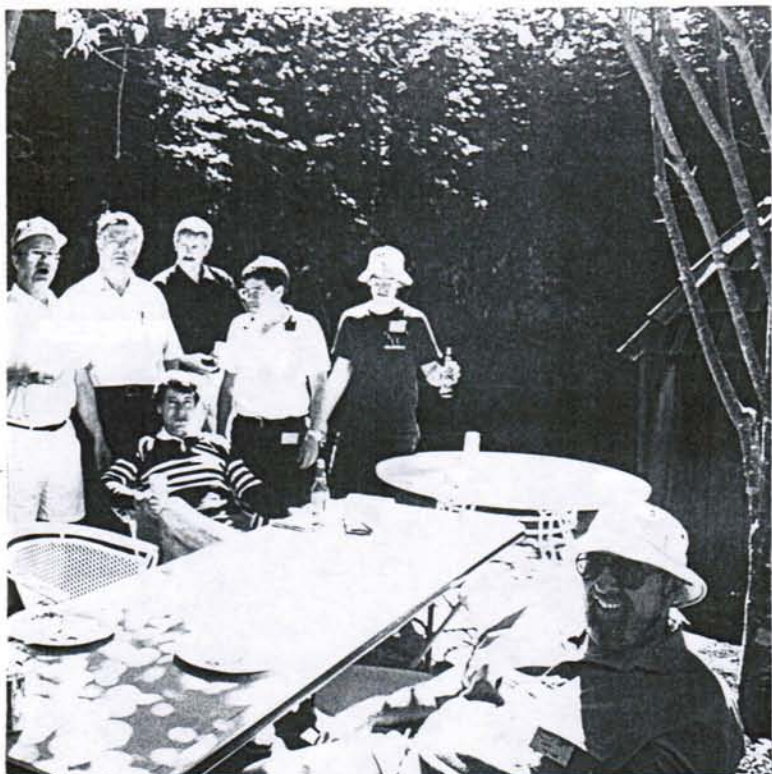
Tradition-loving contester addresses the NCCC on the virtues of pencil logging as opposed to what he castigates as the "dehumanized methodology" of the K1EA program and other "so-called" advanced computerized methods. "I really prefer a chalk-board," he avers, "but my home-brew electric chalk sharpener clogs up so quickly as to be virtually useless." He adds, "Having to sharpen the stick of chalk with a treadle lathe once per QSO makes an unacceptable mess of the operating desk and seriously degrades my rate performance." In addition, he explains, photographs of the entries on the board may not meet the log criteria of contest officials.



Multinational DXers enjoy a Bay cruise following the Goodwill Games. From left: W6OAT, HA0MM, YU1RL, N6TV, YT3AA, HA6NY. (Photo W6ISQ)



Lloyd and Iris showed up at the NCCC picnic the day before they departed for this year's YASME tour of Africa. W6OAT is giving them last-minute counsel. (Photo W6ISQ)



At the NCCC picnic, from left: N6ST, W6CF, W6OAT, AD6E, N6TV, Smiling in the foreground, K6TMB. Rusty's berry patch is hanging over the fence in the background. (Photo W6ISQ)



Another picnic shot, clockwise from left: K6ZM, XYL AK6T, AK6T, K6MA, WB6MZQ, XYL K6ZM. The group is quenching its thirst while awaiting the superb Mexican dishes prepared by MZQ's mother-in-law. (Photo W6ISQ)

1990 California QSO Party
Sponsored by the Northern California Contest Club

BEGINS: 1600 UTC October 6, 1990 ENDS: 2200 UTC October 7, 1990

Single operator entries may operate only 24 hours; off times must be clearly marked in the log and must be at least 15 minutes long.

Multi operator entries may operate the full 30 hours.

Stations may be worked once on CW and Phone on each band.

All contacts must be simplex; no MCW.

Single-op and multi-single entries are allowed only one transmitted signal.

All CW contacts must be made in the CW sub-band, except for 160 meters.

California stations that change counties are considered to be new stations and may be contacted again for point and multiplier credit. CA stations operating from a county line may be counted only as one QSO.

OBJECT: Stations outside of California work as many California stations in as many CA counties as possible; stations in California work anyone.

EXCHANGE: California stations send QSO number and county; stations outside of California send QSO number and state/province/country.

QSO POINTS: Each complete phone contact is worth 2 QSO points. Each complete CW contact is worth 3 QSO points.

MULTIPLIERS: California stations use states and VO/VE1-7 and VY1/VE8 for a possible total of 58. Out-of-state stations use the number of different California counties for a possible total of 58. CA stations on a county line may be claimed as a multiplier for any or all of the counties they give in their exchange.

TOTAL SCORE: The total score is the number of QSO points multiplied by the total number of multipliers.

FREQUENCIES: 160 through 2 Meters excluding all WARC bands. CW on 1805 and 40 KHz up from the band edge. Phone on 1815, 3850, 7230, 14250, 21300, and 28450. Novices 10 KHz up from the band edge and 28450.
Try CW on the half hour.
Try 147.54 MHz at 2000, 0000, and 0400Z.
Try 160 meters at 0500Z; 80/75 meters at 0300 and 0700Z.

DEADLINE FOR SCORE SUBMISSION: All logs and summary sheets must be sent to NCCC c/o Jim Duffy, WA6AUE, POB 8820, Truckee, CA 95737, by November 15, 1990. Please include a business size SASE for results. Entries of more than 200 QSOs must include duplicate sheets.
For a CQP paperwork packet containing log and summary sheets, county abbreviations, and contest records, send a business size SASE to the above address.

AWARDS: Certificates to the highest scoring single operator entry in each CA county, each state/province, and each country, and each station that scores 100 or more QSOs.

Trophies to the top three out-of-state single ops; the top three California single ops; the top multi-single and multi-multi in California; and the high scoring single op and multi-op California county DXpeditions.

Special CQP Wine Award--The top 20 single operators in California, along with the top 20 single ops out of state, will receive a personalized bottle of Northern California Contest Club Private Reserve California wine. Wine winners who are under legal drinking age will receive a non-alcoholic personalized award.

Special Trophies--to the CA single op and out-of-state single-op with the most CW QSOs; the mobile single op or team with the most total QSOs; the high scoring low power entry (200 watts or less) in CA and out of state; the top Novice/Technician entry in CA and out of state; the top scorer outside the USA and Canada; and the top club in California (5 entries minimum--Northern and Southern Cal Contest Clubs are ineligible).

California Counties and their Abbreviations

(Out of state stns--pse check off counties as worked and submit with your log)

Alameda	Ala	Marin	Marin	San Mateo	SMat
Alpine	Alp	Mariposa	Marip	Santa Barbara	SBar
Amador	Ama	Mendocino	Mend	Santa Clara	SCla
Butte	Butte	Merced	Mer	Santa Cruz	SCruz
Calaveras	Cala	Modoc	Modoc	Shasta	Shas
Colusa	Col	Mono	Mono	Sierra	Sie
Contra Costa	CCos	Monterey	Mont	Siskiyou	Sisk
Del Norte	DelN	Napa	Napa	Solano	Sol
El Dorado	ELD	Nevada	Nev	Sonoma	Son
Fresno	Fres	Orange	Org	Stanislaus	Stan
Glenn	Glenn	Placer	Pla	Sutter	Sut
Humboldt	Humb	Plumas	Plu	Tehama	Teh
Imperial	Imp	Riverside	Riv	Trinity	Trin
Inyo	Inyo	Sacramento	Sac	Tulare	Tul
Kern	Kern	San Benito	SBen	Tuolumne	Tuol
Kings	Kings	San Bernardino	SBer	Ventura	Vent
Lake	Lake	San Diego	SDgo	Yolo	Yolo
Lassen	Las	San Francisco	SF	Yuba	Yuba
Los Angeles	LA	San Joaquin	SJoa		
Madera	Mad	San Luis Obispo	SLO		

* * * * *

Multiplier Abbreviations for California Entrants

(CA stns--pse check off multipliers worked and submit with your log)

Alabama	AL	Massachusetts	MA	South Dakota	SD
Alaska	AK	Michigan	MI	Tennessee	TN
Arizona	AZ	Minnesota	MN	Texas	TX
Arkansas	AR	Mississippi	MS	Utah	UT
California	CA	Missouri	MO	Vermont	VT
Colorado	CO	Montana	MT	Virginia	VA
Connecticut	CT	Nebraska	NE	Washington	WA
Deleware	DE	Nevada	NV	West Virginia	WV
Florida	FL	New Hampshire	NH	Wisconsin	WI
Georgia	GA	New Jersey	NJ	Wyomong	WY
Hawaii	HI	New Mexico	NM	VO-VE1	
Idaho	ID	New York	NY	Maritime	MAR
Illinois	IL	North Carolina	NC	Quebec	QUE
Indiana	IN	North Dakota	ND	Ontario	ONT
Iowa	IA	Ohio	OH	Manitoba	MAN
Kansas	KS	Oklahoma	OK	Saskatchewan	SK
Kentucky	KY	Oregon	OR	Alberta	ALTA
Louisiana	La	Pennsylvania	PA	British Col.	BC
Maine	ME	Rhode Island	RI	NWT/Yukon	NWT/YUK
Maryland/DC	MDC	South Carolina	SC		

* * * * *

Rules--Worked All California Counties Certificate

1. Contacts may be made on any amateur radio band or mode. (NO repeater or digipeater QSOs allowed.)
2. QSL cards for QSOs made on or after October 1, 1987, may be submitted.
3. A QSL card must be presented for each of the 58 counties. The county must be printed or written on the card by the person issuing the QSL.
4. All of your contacts must be made from the same country.
5. Portable and mobile stations may be worked.
6. You do not have to be a member of the NCCC.
7. Your QSL cards will be returned with the WACC Certificate.
8. Send your 58 QSL cards and \$3 or 10 IRCs (to cover expenses) to: NCCC WACC Certificate, Phil Frazier K6ZM, 44 Toyon Terrace, Danville, CA 94526.
9. For an official entry form, send an SASE to K6ZM at the above address.

CALLSIGN _____

STATE/PROV/COUNTY _____

BAND MHz	TIME UTC	STATION	SENT	RECEIVED			POINTS
			NR + ↓	NR	STATE/CTY	MULT	
			1				
			2				
			3				
			4				
			5				
			6				
			7				
			8				
			9				
			0				
			1				
			2				
			3				
			4				
			5				
			6				
			7				
			8				
			9				
			0				
			1				
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CALIFORNIA QSO PARTY
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 CALIFORNIA QSO PARTY

Sponsored by THE NORTHERN CALIFORNIA CONTEST CLUB

CALL SIGN *****
 *
 *
 *

STATE *****
 *
 OR *
 *
 COUNTY *

BAND	QSOs	
	CW	PHONE
VHF	*****	*****
10	*****	*****
15	*****	*****
20	*****	*****
40	*****	*****
80	*****	*****
160	*****	*****
TOTAL QSOs	*****	*****
	x 3 =	x 2 =
TOTAL QSO POINTS	*****	*****

CLASS (Check one only)

 _____ SINGLE OPERATOR
 _____ MULTI-SINGLE
 _____ MULTI-MULTI
 _____ SINGLE-OP COUNTY EXPEDITION
 _____ MULTI-OP COUNTY EXPEDITION
 _____ SINGLE- or MULTI-OP MOBILE
 OPERATOR(S): _____

TOTAL
 CW AND
 PHONE QSOs

 *
 *
 *

POWER LEVEL: _____
 CLUB COMPETITION:
 (5 Logs Minimum)

TOTAL MULTIPLIER

 *
 *
 *

FINAL SCORE

 *
 *
 *

MAILING ADDRESS

Novice/Technician Class? Yes No

NAME _____
 ADDRESS _____
 CITY, STATE/
 PROVINCE _____
 ZIP _____
 TEL. = _____
 AGE _____

"I have observed all competition rules as well as all regulations established for amateur radio in my country. My report is correct and true to the best of my knowledge. I agree to be bound by the decisions of the Contest Committee."

Signature

Call

California QSO Party All Time Records

California

Alameda	W6SZN	80	232,788	1939	57
Alpine	W6XB	79	70,700	707	50
Amador	N6TIB	89	183,222	1469	58
Butte	K6AAW	89	184,556	1451	58
Calaveras	K6RKR	88	164,604	1210	58
Colusa	K6AAW	88	171,854	1353	58
Contra Costa	N6RO	89	304,268	2334	58
Del Norte	K6HY	89	80,920	641	56
El Dorado	W6TPH	79	191,820	1762	49
Fresno	K6CCG	88	137,692	1187	58
Glenn	K6AAW	89	184,556	1451	58
Humboldt	W6JTI	89	181,134	1323	58
Imperial	W6SRE	89	52,828	375	47
Inyo	W6BDM	79	128,316	1234	52
Kern	N6FA/6	85	218,254	1798	58
Kings	N6BT (WA6VEF op)	86	258,738	2046	58
Lake	K6HNZ	81	189,126	1659	57
Lassen	K6AAW	86	131,254	1017	58
Los Angeles	W6AO (WA6OTU op)	86	266,452	2065	58
Madera	K66FW	89	201,492	1737	58
Marin	K6LRN	89	137,655	1036	57
Mariposa	K6HNZ	82	199,288	1718	58
Mendocino	NA6T	82	135,945	1116	57
Merced	W6TPH	82	180,612	1434	58
Modoc	W6REC	88	263,088	2048	58
Monoco	W62BX	87	111,216	993	56
Monterey	K16CG	89	145,000	1250	58
Napa	W6FSJ	83	95,817	703	57
Nevada	A16V	89	288,318	2278	58
Orange	N16W	82	181,714	1360	58
Placer	W6SZN	81	121,275	953	55
Plumas	K6AAW	87	126,266	920	58
Riverside	W6TKV	89	171,100	1475	58
Sacramento	W6GO (N6IG op)	89	350,436	2843	58
San Benito	K6GGF	88	169,534	1294	58
San Bernardino	W6HAL	86	107,502	788	57
San Diego	K6NA (N6TR op)	89	366,618	2928	58
San Francisco	N6BV	79	232,560	2040	57
San Joaquin	K6AYA	76	101,640	965	58
San Luis Obispo	W7CB	82	221,328	1777	58
San Mateo	N6BV	82	270,454	2245	58
Santa Barbara	W6AB (N6GC op)	89	197,838	1492	58
Santa Clara	N6BT (WA6VEF op)	88	326,830	2585	58
Santa Cruz	N6RZ (WB6SHD op)	80	276,892	2338	58
Shasta	AA6DX	79	168,376	1619	52
Sierra	N1EE/6	87	56,056	413	52
Siskiyou	W6MBF	88	61,580	501	55
Solano	WX6H	89	212,860	1835	58
Sonoma	K66ZA	81	136,287	1194	57
Stanislaus	W6SZN	83	148,656	1076	57
Sutter	W6XB/6	89	156,465	1231	57
Tehama	AA6DX	88	216,514	1685	58
Trinity	W36Q/M	89	65,830	524	58
Tulare	K16CG	87	89,552	772	58
Tuolumne	N61P	79	38,976	406	48
Ventura	N6TR	81	293,248	2373	58
Yolo	N6JV	81	88,776	724	54
Yuba	W6BSY	88	161,762	1318	58
Multi-Single	N6CW	89	296,438	2390	58
Multi-Multi	N6KT	79	493,928	4258	58
County Expeditions					
Single-op	N6BT (WA6VEF op)	86	258,738	2046	58
Multi-op	N6KT/6	78	306,356	2641	58
Novice/Tech	K66HW2	89	47,340	526	45
Mobile QSOs	N6BT/WA6VEF/ VE7NK1	89	1508	1508	
Most CW QSOs	W6UE (WA6OTU op)	89	197,838	1492	58
Low Power	W6AB (N6GC op)	89	197,838	1492	58

State/Province/Continental

Alabama	WA4VEK	88	33,100	331	50
Alaska	KL7AF	88	21,574	176	46
Arizona	K7GM	81	34,522	342	41
Arkansas	WA5DTK	79	24,012	261	46
California	K6NA (N6TR op)	89	366,618	2928	58
Colorado	W0IZV	88	34,200	259	50
Connecticut	NC1E	89	54,648	445	54
Delaware	K3HBP	89	30,400	249	50
Florida	K4XS (WC4E op)	89	132,878	1069	58
Georgia	WX4G	88	125,106	981	58
Hawaii	K6GSS/KH6	39	36,828	341	54
Idaho	W1PID/7	75	54,172	467	58
Illinois	K9ZO	89	107,938	850	58
Indiana	KE9I	89	83,619	703	57
Iowa	W0EWD	82	91,190	750	55
Kansas	N0FMR	88	34,416	287	48
Kentucky	AB4JP	88	31,100	268	51
Louisiana	K5AD	87	38,988	310	54
Maine	WB1GLH	81	25,757	257	57
Maryland/DC	KM3T	86	80,541	606	57
Massachusetts	NB1B	89	89,661	699	57
Michigan	WB8WQ	82	27,762	289	47
Minnesota	WA0QIT (KF0FC op)	89	76,676	583	58
Mississippi	N5OVV	89	48,108	422	57
Missouri	W3HDH/0	89	59,070	426	55
Montana	W7JYW	75	19,006	221	43
Nebraska	KV0I	88	132,124	1039	58
Nevada	WA7NIN (W6OAT op)	81	73,776	606	53
New Hampshire	KL1TS	81	28,413	268	41
New Jersey	W2GD	88	49,452	372	52
New Mexico	AA5JF	89	35,040	301	48
New York	N1CC	89	80,245	625	55
North Carolina	AA4NC	88	68,264	524	56
North Dakota	W800	89	51,092	450	53
Ohio	N8BJQ	88	51,993	420	53
Oklahoma	W5TN	88	48,316	400	53
Oregon	N6TR/7	86	130,500	1030	58
Pennsylvania	N6CQ/3	87	64,314	483	54
Rhode Island	K1GOW	86	28,764	245	47
South Carolina	W6OKX/4	86	15,540	138	42
South Dakota	K0EE	88	35,231	294	49
Tennessee	K4LTA	87	65,448	501	54
Texas	W5ASP	89	106,488	856	58
Utah	WE7B	89	51,732	393	54
Vermont	W1JVV	88	63,918	477	53
Virginia	N7ZY	86	52,528	400	56
Washington	N7ZZ	77	52,704	488	54
West Virginia	K08SE	88	17,766	172	47
Wisconsin	K8YS	89	144,014	1158	58
Wyoming	N7NG (WA6AUE op)	89	66,096	518	51
Maritime	VE1BNN	81	27,520	212	46
Quebec	VE2MS	89	22,568	217	52
Ontario	VE3BQL	88	30,550	232	47
Manitoba	VE4GV	89	46,368	409	56
Saskatchewan	VE5FN	88	31,200	325	48
Alberta	VE6DZ	88	17,511	159	39
British Col.	VE7SK	87	72,561	553	57
NWT/Yukon	VE8CM	89	39,208	338	58
Africa	CN8FC	89	3,944	53	29
Asia	J1MZM	88	11,583	118	39
Europe	LY2MW (LY2BKW Op)	89	44,850	374	50
Oceania	YB2CTW	88	2,425	40	25
South America	PY5ZBA	88	23,920	225	46
N. America DX	XE1LLS	80	6,552	117	28
Novice/Tech	N91CH	89	21,522	311	51
Most CW QSOs	N6CO/3	88	109,272	888	58
Low Power	N0BSH/9	89	109,272	888	58

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