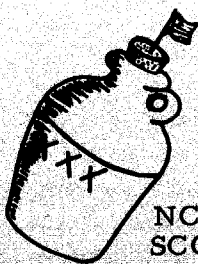


# The Contest JUG



NCCC#1  
SCCC#2

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

No. 50  
July, 1976!

Pres:AC6PAA. VP/Contest Chmn:AB6DSV. Sec/Treas:AA6VEF. JUG 'ED:AA0ENP/6  
Directors:AB6LPK, AA6DQM, AB6CEP(M6). Folder, Stapler, Production Control:AB6DSV

## Hats Off For Rgg&Gsn

### SNOITCARTSID GNIMOC FO WEIVERP

July 16-18 ARRL National Convention, Denver  
17-19 CW County Hunter's Contest  
24-25 ARRL Bicentennial Celebration  
26 NCCC Club Meeting (San Jose)  
Aug 14-15 WAE Contest (CW)  
23 NCCC Club Meeting  
28-29 All Asia DX Contest (CW)  
Sept 3-5 Pacific Division Convention, N6CCC  
11-12 VHF QSO Party, WAE Phone  
18 NCCC Picnic - SCV  
Nov 6-7 CW "SS"  
20-21 Phone "SS"

On the Thursday before F.D., two of our fellow NCCC'ers were instrumental in saving a life. These men are Bob, W6RGG and Mitch, WA6GSN. Here is the condensed story:

During a softball game in Hayward, the left-fielder on RGG's team crashed full speed into chinning bars beyond foul territory while attempting to catch the ball. He was spun around and came to rest on the asphalt. At first the player seemed OK. Later in the game, however, he began having convulsions and also had difficulty breathing. RGG ran to his car, yelled for assistance on 450 (WR6ADM NCCC repeater) and Mitch responded. Within a minute, an ambulance was dispatched. It arrived in time to revive the ball player, who, by this time had stopped breathing.

Congratulations and Thanks to both Bob and Mitch for their effort and for showing that the skills used to up the rate and KB can also save lives.

### DO YOU HAVE A DREADED RED X?????

If you are one of the 80% of the NCCC that received the Dreaded Red X on their special Bicentennial Edition of the JUG, then you are one of the 80% of the club that still is in arrears for the club dues. Included in this JUG is the Treasurer's report and it will become very evident that the club does, indeed, need your commitment and money to continue operating in its present mode. The JUG will be the first part of the club to feel the crunch and since the JUG is the primary link with all members, let's not put ourselves in a position of severing communications between fellow NCCC'ers.

Send to AA6VEF, Gary Caldwell, 26934  
Halifax Place, Hayward, CA 94542. Its \$6.00.

The NCCC Field Day success is detailed elsewhere in this issue, but I want to mention an overriding reflection I've made. We have had many memorable occasions this past year when a large part of the club has been together. The Nov. '75 pre-SS meeting, Xmas Awards Banquet, Fresno, K6SG Picnic. FD was the first time we've had about 40 members gathered together in one place to do what this club is all about---operate a contest!! I thought the pre-FD work parties as well as the contest weekend itself was a great chance to get to know new and old members, meet some of our far travelers AYA, PXG, HHH and QDV, share ideas on antennas, operating, etc. The kind of spirit this sort of event promotes is what makes NCCC #1 in SS and in any other club competition we choose to enter. Thanks to all FD'ers.

Our July meeting will continue our series of programs on antennas, with the pros from KLM Electronics telling us about their new hardware and design concepts. Also, we'll

discuss the Pacific Division Convention coming to San Jose on Labor Day and have a mid-year awards presentation - those who have received certificates or other form of awards from contests and not presented last December should bring them to this meeting so that our distinguished VP/Contest Chairman may present them to you in public (in front of everyone).

Speaking of awards, an awards committee has been appointed to come up with some guidelines for a permanent program to give recognition to those deserving. To do this, our club treasury must have more strength than it now enjoys. In fact, the long term continuation of this style of NCCC JUG is in doubt, unless another form of your support is forthcoming now. Dues were past due on July 1, and at time, only 20% of our membership had paid their \$6.00. At the last BoD meeting, the Treasurer was instructed to write members who had not yet paid the 1975 \$6 assessment explaining that we could no longer continue them on the membership roles pursuant to the club By-Laws. Further, those who have not yet paid the 1976 dues by August 1 will not receive the JUG until they have paid up. We hope you don't find these measures too extreme since we found them to be necessary!!

Hope to see most of you on the air during the Bicentennial contest later this month.

KB, you all AC6PAA

MORE ERECTION HELP.....

Those expecting help should make themselves available on someone else's project before they receive help. Those unable to contribute labor will donate to the fund for Oxygen/Acetelene, gasoline, beer and other usual project expenses. Owner of a project should have most of the pre-erection work completed before the climbers arrive on the scene: beams built, coax and guys cut with fittings, tower bases installed, all hardware present and accounted-for, and most of all REFRESHMENTS ON HAND!!!!!!

NCCC FIELD DAY SUMMARY.....

Well, it's all over but the paperwork - Field Day, that is! The many weeks of planning, loading, tromping in the dust and hanging by climbing belts are now behind us. I look back on the effort as a huge club success - the first, full scale FD by the NCCC essentially met all scor-

Move on up to the next column, guys-

ing goals and was a worthwhile learning experience for us all on how-to-do-it and also a few examples of what-not-to-do. Although the whole thing came off only through teamwork, a few of our number deserve thanks for their work "above and beyond the call": tower construction team leaders and their intrepid climbers who performed wondrous feats of NO-handsmanship - LPK, DSV, HIH, AIN, JUD, ENP, DIL, RGG, QDV; the Saturday night feast team - Bonnie, Joan and Noel; Bill (the great) Holmes and his magic red winch truck; to TLV, LPK, DSV, DQM, OWQ for their many weeks of after-hours (and after dark) special contributions; to all 32 operators who endured the heat, crummy band conditions, and the ravings of the omnipresent command post.

Other highlights: The joyous screams from the VHF trailer as KLY made the first of five OSCAR contacts; the grin of LPK when his bicycle-powered natural-power QSO was completed (why wasn't Bruce au-natural, too?); getting cool in AYA's air-conditioned shack on wheels; the TL8 who called our 40 mtr CW position Sunday AM (long path); JUD working a new state on 6; BMV acting as NCS on two sessions of the CW traffic net from our 80 CV position (with many favorable comments on your expertise, Jim); and more to come at the July meeting.

Despite the short in the 10 mtr preselector, sabotage to the 40 CW beam and inter-station interference, our final score will be over 10,000 points. We achieved all of the special bonus points and before-dupes QSO's - 3,937.

Hey, TEAM CAPTAINS: entries are due at ARRL August 2. I need your final recopied dupe sheets no later than the July 26th meeting. Also, does anyone have a blank FD summary sheet?? Anybody with photos from the site for inclusion with our entry (remember they need photos - right, Jim??), please get them to PAA ASAP. I hope you're all recovered from blisters and heat exhaustion and ready for another BIG one next year! What? Think #1,

PAA, FD Chairman

- SEE PAGE 3 FOR TOTALS -

TODAY'S CHUCKLE

PVRC winning 1976 SS



FIELD DAY TOTALS.....

BAND	CW	PHONE	TOTAL
80	126	219	345
40	320	654	974
20	417	679	1096
15	292	598	890
10	41	202	243
6	---	32	32
2	---	204	204
Novice	147	---	147
OSCAR	5	---	5
Natural Power	---	1	1
	1348	2589	3937

Points (2696 + 2589) X 2 = 10,570  
+ Bonus 365  
BEFORE DUPES SCORE - - - - - 10,935

ONWARD AND UPWARD WE GO

As the powder-dry dust cleared away on a sultry Sunday afternoon in late June, it appeared that our NCCC had, indeed, proven that what happened last Fall was no fluke. The club Field Day effort exhibits the appropriate earmarks of another major national title and all participants should be justifiably proud of doing a bang-up job (figuratively speaking, of course).

The next national title looming on the contest horizon is -- you guessed it -- a repeat performance in the ARRL November Sweepstakes. W6PAA crooked a finger at me (his index finger) several months ago and asked if I would be willing to be a President's Able Assistant (PAA-er) this year and conjure up a new SS strategy. As I have agreed to do this, the upcoming issues of the JUG will not be as exCEPTIONAL as some of you might have hoped (no offense meant, Tom and George).

Since World War II, PVRC has taken every SS Club title but two. Murphy's broke the ice three years ago, but failed to repeat in 1974 by a measly 80 kilopoints. Last year it was the NCCC's turn to knock off the perennial champs. The question now is: can WE repeat where MM failed??

Reliable sources suggest that PVRC plans to grow even bigger this year by recruiting in the Baltimore area. Even now, they outnumber us by almost 2-1. However, as last year proved, quality can definitely make up for lack of quantity.

And that's what this article is really all about: QUALITY. To turn in a bigger score come

UP AND OVER - - -

SWEEPSTAKES ONCE MORE.....

this November (like 11-12 Megapoints), we need to spend this summer putting up new antennas, making station improvements, and upgrading operating skills by operating in contests, watching higher-scoring Club members operate, and discussing contest techniques and strategies. Quite a few members already have big plans together, as will be evident in upcoming issues of the JUG. How about you? ?

-- KB SS de AB6CEP

PAUSE FOR A MOMENT.....

We as radio amateurs have a fairly unique position in the world. Since our ranks are composed of every-day Americans, we have the opportunity to feel the pulse of our country every time we communicate with fellow state-side operators. At the same time, though, persons outside our country can also experience and analyze a cross-section of Americana.

The Statue of Liberty has become one of the best-known symbols of United States liberty and is often the first visual contact foreigners have with our country. With today's communications, however, the U.S. radio amateur is often the first and possibly the only contact many people have with the Free World. Let us remember as we celebrate our great country's 200th Anniversary of Freedom that we do have an obligation as radio amateurs. We are ambassadors to many foreign lands and should always present ourselves accordingly as representatives of the United States of America.

CONTEST CHAIRMAN'S CORNER.....

FB on FD!! Congrats to all who contributed to our KB effort. If only conditions would have been good...oh, well.

Coming up at the end of this month is the ARRL Bicentennial Contest. This contest looks as if it will have something for everyone! Just think - a contest in which you can pursue your special interests, whether it be VHF, running WB5's, running those JA's or working DX; it all counts the same!! The contest should have some rather fantastic rates considering that this contest is something like a combination of SS, FD, and DX contests all rolled into one. Remember, you can work a station once on fone and once on another mode. So get in

(( PSE QSY TO PAGE 4 ))

MORE CHAIRMEN IN THE CORNER.....

there and do your thing, which should be to KB!  
Full contest rules and details in March QST,  
page 45 and June page 75.

In early August, look for those Europeans on  
all bands during the WAE (Worked All Europe)  
Contest. This is a good way to practise running  
Europeans for the Spring ARRL DX season.  
Full rules and details in July QST page 87.

Also, in late August is one of our club's fa-  
vorite contests - the CW All Asian DX Contest.  
Make your plans today - more on this in the  
next issue of this JUG.

Finally, we are now making plans to present  
a very comprehensive and exciting contest  
forum at the Pacific Division Convention,  
coming our way over Labor Day. We are plan-  
ning to man our own special-event station,  
N6CCC at the convention, but we still need some  
commitment of operators, equipment, antennas,  
and the like. We will discuss this in more de-  
tail at the July 26th meeting in San Jose. Bring  
your ideas and suggestions to the meeting!!

-- 73 and have a KB summer,  
George, AB6DSV

ADDRESS CORRECTIONWS.....

WA7MQX (summer break from Stanford)  
3074 Bellinger Road  
Medford, Oregon 97501

-----  
WB8CIN - Michael Carter (also bk fm Stanford)  
1724 Glastonbury  
Ann Arbor, Michigan 48103

-----  
WB6RZX (got pardoned from UC Davis  
for the summer program)  
3188 Kingsley Place  
Lafayette, California 94549

-----  
WB9FUV Terry Ellass  
ARAMCO  
Box 5115  
Dhahran, Saudi Arabia

-----  
WB6EMA/1 Greg (teaching ham radio classes  
at Camp Winada)

C/O Camp Winada  
Pittsfield, Mass. 01201

\*\*\*\*\*NOTE Greg is looking for skeds w/NCCC  
Members, lets try & help him out\*\*\*\*\*

====Notice to those who get the JUG====  
( and are not members of club)

The only ones of you that have given your  
fair share to a new subscription of the JUG  
are WB6ZVC and W6RTT, who deserve some  
recognition for being prompt. We of course  
want to continue sending this publication to  
the rest of you guys, so please send in your  
three bucks to our club Treasurer, AA6VEF,  
who's address appears on page uno in the  
attractive article on the Dreaded Red X.  
We thank you for your continued support and  
hope you find the JUG worthwhile reading  
material. Speaking of material, how about  
some more input from you out there in news-  
land??

BET YOU THOUGHT IT WOULD NEVER  
BE HERE, BUT HERE IT IS -

Ta Ta Ta Ti Ta Tiiii  
"The NCCC Treasurers Report"

Total Funds In The Bank	\$242.76
Outstanding Debts:	
JUG	( 31.00)
Mail	( 10.63)
Mail	( 10.86)
JUG	( 31.00)
Loans due July 15	( 96.00)
"  "  "	( 14.00)

Total in Treasury           \$ 49.27

This is as of June and does not include the  
expenses of publishing this issue of the JUG.  
Consequently, if you deduct another \$31.00  
for printing and about \$10.50 for mailing,  
that leaves a Grand Total of \$7.77 in the  
club coffers. As anybody with an elementary  
knowledge of numbers can perceive, this is  
terribly close to a goose egg. And no one  
wants this club to be in any way associated  
with poultry. This is the obvious reason for  
all the pleading and other forms of "Send in  
your dues, guys" promotions.

'NUF SAID

ALL ASIAN NOTES.....

Whatever happened to even fair condition  
Doesn't look like any records were smashed  
from our part of the West Coast, at any rate.

(( TURN TO PAGE BLUE ))



WHERE'S ASIA (from page White)

It would certainly be nice to get even mediocre conditions when guys are out setting records, or even out trying to set/break records. The following summaries and breakdown are surely an indication of the lack of spots (from Mr. Sun, that is):

Pre-Duped--

<u>15 mtr</u>	WA6MQS/6	138--24---	3,312
<u>20 mtr</u>	K6HIH (WB6AIN)	749--42---	31,458
	W6OKK (WB6DSV)	726--41---	29,766
	WA6DGX	580--36---	20,880
	W6KHI	120--20---	2,400
	K6BR	? ?	?
	WA6DQM	? ?	?
<u>75 mtr</u>	K6RM	1 -- 1 ---	1

Multi-single

W6PAA (+BMV, LPK & WA5LES) 922-101---93,122

All-Band Single-Op

AA6VEF/6 452--79---35,708

We know there were more of you fellows on during the contest. How about sending in the scores to the JUG and get your call in print? We can also use more band breakdowns, which always help others get a good feel for how the contest went and even get a better insight into how to operate such a contest.

W6PAA AA-Phone Breakdown (multi-single)

<u>Band</u>	<u>QSO</u>	<u>Multipliers</u>
75	65	17
40	140	26
20	676	41
15	41	17
10	--	--
150	922	101

QNI Continued---

(2) - W6KQG

(1) - WA6MQS, K6ZT, AD6QPH, W6UA, K6ZX, W6URH (W6OWQ), W7KW

STATION ACTIVITIES

WA7NIN - Pat has new phased verticals for 80/75 mtrs. They are a pair of Hy-Towers and use what Pat calls "passive phasing". This is using capacitors rather than the usual method of phasing lines to obtain the proper phase relationship. It sure does give good front-to-back and seems to have good gain, too. Pat is also putting up new tower at proposed house site to see if the proposed neighbors are going to accept it or not. He is also working on a "antenna range" using a 300' long storage facility that just happens to have a metal roof.

WB6JGS - Harold is now active with a new 40' tower mounted upon the roof making his total height about 60'. Atop this nice structure is a TH-3 and coming off it from the top are a 40 mtr sloper (oh, love those slopers) and an inverted vee for 80/75 mtrs.

W6MSF - Carl, with the added muscle of his brother-in-law, Frank and W6KQG, Bruce, managed to mix and pour the base for his new big crank-up tower. WA0ENP/6 showed-up to help, but the work was about 2/3 done. Carl has a 5-ele KLM for 20 (expanding to six ele) and 2-ele for 40 to go on this tower. On the other short (50') tower is the KLM 5-ele 15 mtr and the Wilson (really long boom) 6-ele 10. Another tower of about 30-40' will support his big VHF antennas. Oh, yes - cannot forget the Hy-Tower(s) for 80/75.

K6SG - George recently purchased a used (who can afford the new price??) 75S3C and 32S1 to upgrade his station for the coming contest season. Note - that George needs XTALS.

NCCC QNI FOR THREE WEEKS THROUGH JULY 13-----HOW ABOUT JOINING THE CROWD ON 3815 EVERY TUESDAY ON/OR ABOUT 7:30 pm. PRE-NET-NET MEETS AT 7 pm OR SO.....fine time to check out that new antenna and check out whats happening with the rest of the NCCC gang-----

- (3)-WA6VYK, K6HIH, AA6VEF, WA6KAC, WB6JGS, W6RTT, W6PAA
- (2)-WA6TLV, K6UWR, WA6DQM, W6PXG, WA0ENP/6, WA7NIN, WB6GFJ, AA6JVD,

HAPPY BIRTHDAY TO ME.....

I am now 50 issues old. I am the NCCC Contest JUG. Does it seem like I have been around that long? This special Bicentennial Issue of the JUG not only celebrates the USA, but also Bi (meaning half)centennial of the JUG.

CLASSIFIED ADS (we do not take any responsibility for the class of advertiser, though)....

Collins 32S-3 almost new, round emblem \$825  
516-F2 Power Supply \$200 ((OVER PSE))

ADS---(continued)

312-B4 Station Control \$125 (winged emblem)

All above Phil Frazier, K6ZM

Home Phone 837-6894, work 843-2740 x5088

Collins 51J4 RX complete w/3 Mech filters,  
speaker & cabinet. Vy good condx. Make offer.

Wanted - one complete set of ham-band xtals  
for S-line Rx or whatever single xtals you may  
have for the ham bands. K6SG, George

Phone 916-944-3838 or write

4 Element 20 mtr mono-bander, 40' boom.

Home made, excellent workmanship & mater-  
ials (heavy duty). Heli-arc welded ele-to-boom  
clamps. K6RLY 916-961-4603, evenings

SPECIAL ADDRESS  
CORRECTION - CEP  
is still in Berkeley at  
2523 Ridge Road  
Berkeley, CA 94709  
Phone 415-841-8241

\*\*\*NEED FD MOBILE  
SUMMARY SHEETS -  
SEND TO CEP\*\*\*\*\*



KICK BUTT  
BICENTENNIAL!

KLM ELECTRONICS SPEAKERS TO GIVE  
SPECIAL ANTENNA PRESENTATION.....

At the July meeting, KLM specialists will be  
present to explain and answer questions about  
a favorite topic of conversation - antennas. The  
success of the big 4 ele 40 mtr beam at FD has  
spurred more interest in the big KLM beams.

Meeting place is reserved from 6-12 midnight

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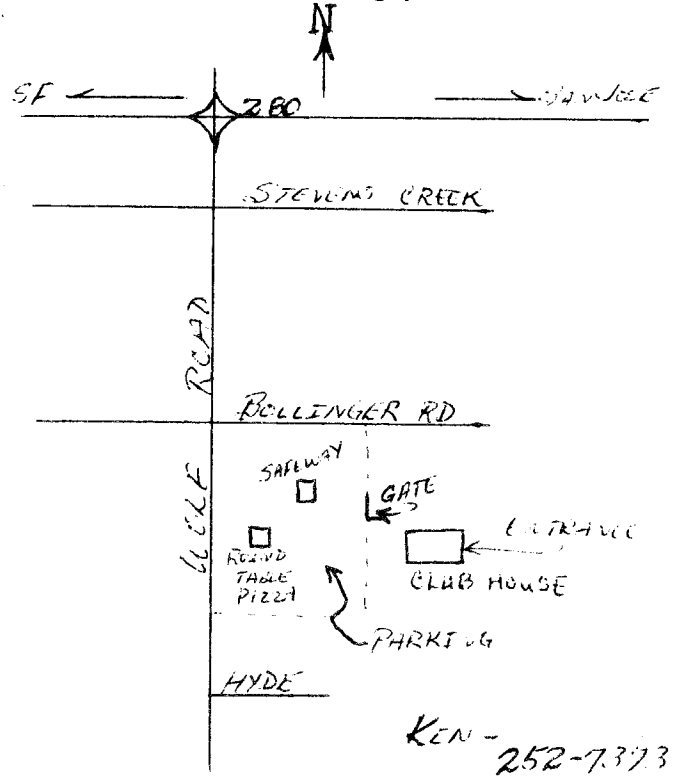
RETURN POSTAGE GUARANTEED

Charles K. Epps, W6OAT  
35 Belcher Street  
San Francisco, CA 94114

so that anyone wishing to go swimming in the  
condo pools can do so before the actual meet-  
ing begins. It is at the home of Ken Anderson,  
K6CQF 1075 Whitebick Drive, San Jose, 95129  
Phone 415-252-7373.

Park behind the Safeway store, come thru  
the gate back entrance into the complex - the  
club house (where we meet) and pools will be  
visible on the right. The entrance is on the  
far end. Ken does have 2 mtr equipment in  
case someone needs help.

See you there and bring your swim suit!!



Application to mail at  
2nd Class Postage Rates  
Pending at Fremont, CA