

SCCCORE

NOV.-DEC. 1984

ISSUE 6-84

Southern California Contest Club Operations, Results, and Enlightenment, SCCCORE is the official bimonthly bulletin of the Southern California Contest Club. Membership is two dollars per year payable to Ski Brozowsky.

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BULLETIN EDITOR AND NORTH
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SAN DIEGO AREA COORDINATOR: WE NEED SOMEONE!

ORANGE COUNTY AREA COORDINATOR: Kurt Andress NI6W, 2538 S. Center,
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15 DEC 1984

The next meeting is Saturday ~~Nov. 17th~~ at noon, The Pizza Store,
1000 N. Euclid, Anaheim, across from Henry Radio.

PRESIDENTS REPORT

A good turnout for the Sept. 29 meeting—approx. 16 or 17 contestants present including W6OAT from up north. Each person took a turn detailing his plans for the fall contests and that was impressive! Some fine efforts were planned and have now in many cases been made history - and still more about to happen. This years CQWW effort will be excellent. Remember 24 NOV. at 0000Z CQWW CW - spend as much time as possible and get that score in labeled clearly SCCC! Don't FORGET! Send me a copy of your summary sheet. I will be sending a list of operators and their scores per the new rules.

Also during the meeting, a motion was made to hold an election for club President. As you know, I have been "temporarily" holding the position since N6TR stepped down almost two years ago. I had hoped someone else would come forward to fill the position. That never happened.

Instead, I managed to get nominated for President at this past meeting. To say I was surprised would be an understatement! There were no other nominations and I was voted in.

Well, Okay. Thanks for the support you guys. And just to make sure you guys get a chance at this prestigious position (despite your plans to make it a lifetime position), elections shall be held each year in January, beginning in 1986. (cont. next side)

The club bylaws are in need of an update so that will be undertaken immediately as well. The final draft will be distributed to the membership, modified as required, and approved.

I would like to get some short programs started for the meetings. So please start thinking about what you would like to see and what YOU can present! I may hit you up to be the program. These will be short things; about 15 minutes in length.

73 and good luck in CQWW CW REMEMBER send me a copy of your summary sheet so I can send a complete list of scores to CQ per their new rules! Don't Forget!

NE6I Dennis

SCCC NOTES

The Southern Cal DX Club is preparing to form a contest committee within it's membership. They are currently active in DX contests only and it is hoped they will work with us (since many of our members are in both clubs) and the two clubs can better spearhead contest efforts. For example, they could have everyone submit their CQWW scores for SCCC and we could submit ARRL DX scores for SCDXC. The obvious reduction in fragmentation of scores would be beneficial to both clubs!

Lets's hope this idea works! Alot of people have always been under the impression that the SCCC was the contest club within the SCDXC (ed.)

Father Propagation smiled on CQWW Phone and there was good activity on all the bands including 10 meters. The expeditioners that haven't returned yet have been active on 40 and 80 CW. You will have a good chance to tune up for CQWW CW in the ARRL S.S. on Nov 3rd and 4th.

Joe, WA6VNR is going on an extensive Pacific expedition in late March and early April. He will be operating from YJ, A35, 5W1, ZK1 and ZK2 and possibly Tuvalu. CW only. If you need any of these he will make schedules prior to his departure. QSL to N6ADI. Joe is a very proficient CW operator with expedition experience from C5, 6W8, ZF2 and recently V3CQ!

DON'T FORGET CQWW CW NOV. 24 & 25. The club needs all the points you can muster and send summary to NE6I.

NORTH COUNTIES REPORT

Activity from North Counties for CQWW included N6VR (20 meters 93+ countries and 32+ zones/560 Q's ((rough))), N6HK as time allowed, WA6FGV (multi-single all band) and N6ADI (40 meter 48+ countries/ 28 zones/300 Q's in 12hours of operation). Everyones schedules seemed to cut into the activity this year and a real serious effort could not be mounted due to the usual lack of operators. We are currently trying to put together a multi-single AB effort for CQWW CW and are seeking imported operators? Interested? Contact N6ADI or N6VR. Location will be N6VR's Hill top site. 5el 10mtrs/ 5el 15mtrs/ 5 elem 20mtrs 88ft./

NORTH COUNTIES (cont.)

2el 40mtrs/ phased vert on 80mtrs and 160mtrs. Come join us in the country!

I really noticed the dis-advantage of the US contesters operating on 40 meters this year with excellent long path openings in the AM. A great majority of the DX would not listen up for stateside. Tuning between 7.030 and 7.1 you could hear alot of listen-ups, stateside's etc. It was a real shame to hear HA, YU, SM, FRØ, LZ and on and on coming through 59+ but working JA's rather than stateside. I managed to pop off FRØ,I, LZ, SM and YU but the majority would not listen up. I would really like to see 7.050-7.1 allocated to A-3 for this reason. The dis-advantage only exists on the phone band on 40 meters and has been a controversial subject for years. The US contester has become very adept at split operation but if the DX nevers listens up it is the most frustrating thing I can think of to have europe 10 over s-9 but never to listen for zones 3-5. On the other hand,if I was in Europe and could work 3 point JA's till I was blue in the face and had worked one of each US zone, I would prefer to work the JA's head on versus US split. So the only remedy I can see is an expansion of the 7mhz A-3 privledges. What do you think? I am sure this will spur alot of positive and negative comments.

Remember we are looking for operators for CQWW CW so if you want to operate from a comfortable shack with a formidable array get in touch with N6VR or N6ADI.

73 & GL Ski N6ADI

* SCCC MEMBERSHIP UPDATE *
* If there is an * by your call on the mailing label, this is *
* a complimentary issue. If you are current with your dues your *
* expiration date is on the label. Try and keep current. SCCC *
* dues are ONLY \$2. per year. What other club can you join for *
* only two dollars and get up-to-date local and contest news? *
* Tell a friend. We currently have 39 paid up members and the *
* treasury contains \$45. In February all current members will *
* receive a current roster of paid up members. *
* BE RADIO ACTIVE ! *

** COMING CONTESTS **

Nov. 17-18 ARRL Sweepstakes Phone (Pg.90 Oct.QST)
" " " VK vs. World QRP (Pg.88 Nov.QST)
" " " Austrian 160 Meter CW (Pg.88 Nov.QST)
Nov. 24-25 *** CQWW DX CW Contest (Pg.50 Sept.CQ Mag.) ***
Dec. 1-2 ARRL 160 Meter Contest (Pg.87 Nov.QST)
" " " TOPS 3.5 mhz Contest (Pg.88 Nov.QST)
Dec. 8-9 ARRL 10 Meter Contest Phone & CW (Pg.87 Nov.QST)

CONTEST ADVISORY COMMITTEE REPORT
by Marty Woll N6VI

Two things of interest happened at the October meeting of the ARRL Board of Directors. First, the District of Columbia has become a separate multiplier for those ARRL contests in which states are multipliers (DX and 10 meter contests) starting with contests for which rules have not yet gone to press. Second, the Board agreed to direct the CAC to develop a geographically unbiased (or at least less biased) set of vhf contest rules. This latter item should be good news for the West Coast! I've already outlined a plan, with the help of N6NB, which would base score on distance of QSO rather than on political boundaries. Your ideas are welcome.

Other matters under consideration by the CAC include:

- 1) Code of ethics -- should it exist? If so, should it be substantially in the form suggested by WOUA in the July/August NCJ? Should it just be printed once a year in QST as a reminder or be signed by each entrant on each summary sheet? Should violations be grounds for disqualification? My own view is that the WOUA principles are great, that they also apply to rag chewers, dx'ers, SSTV'ers, etc., and that they are unenforceable and thus cannot serve as DQ criteria. What do you think?
- 2) Club competition rules -- how do you prevent a large club from cherry-picking its best scores to fit into a lower bracket and blow away the really small club? I feel you can move categories around all day and still not satisfy everyone, so why not do away with size brackets and just list all scores in decending order? If clubs need an aid to compare themselves with others, the size of membership could be listed parenthetically in the results. Really, though, most competitors have a fair idea of who's who, and artificial categorization only leads to hard feelings about classification cheating. This may be tough to push to the Committee and I'd like your input.
- 3) Pre-contest publicity -- is it ok? Is it ethical? The case most cited is that of K6GSS in last June's VHF Contest. I and others feel there is nothing wrong and it helps encourage activity, informs easterners about conditions out here and improves the little guy's chances of snagging a needed contact. Others think it's despicable and should be banned. How do you feel about it? Going to a more extreme case, should arranging contacts by telephone be prohibited? One well-known contest expedition set up a toll-free line for hams to call and arrange contacts during the contest. Others have made long-distance calls to get rare ones on the air for a moment to work them.
- 4) Field Day -- should the exchange be made longer to simulate real message handling? Should there be a category or multiplier for single-wire antennas? Should message relay credit be deleted? The general feeling of the Committee is to leave the rules alone.
- 5) Other matters include multiple-category entries from single stations, grid squares vs sections and use of fm in vhf contests and restricting contest activity to certain parts of the bands. I'll discuss these issues at the next SCCC meeting (or call me).

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 The purpose of the SCCC newsletter is to keep you informed:
 of what is going on with the members, what their scores are in
 the contests they participate in, what operations are being planned,
 coming activities DX and otherwise and hints from those that have
 learned about something from their experience with it. I would
 really like those of you who are RADIO ACTIVE to send me inputs
 about what you are doing, what your scores are and anything else
 you feel is news-worthy. Send to: 1147 Forest Av, Ojai, ca. 93023!

IMPROVED FEEDING OF THE KLM TWO & THREE ELEMENT FORTY MTR BEAMS
 by NE6I

The winter of 83-84 presented me with the opportunity to purchase my first 40 mtr. beam; something that only a few years ago was but a dream.

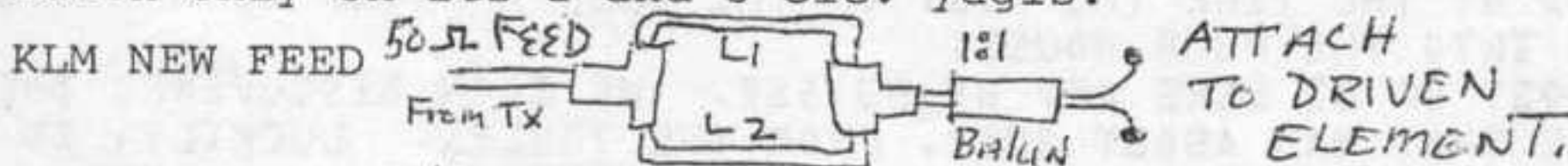
Initially, there was no doubt it would be a two element beam. But at the prodding of a local DXer, I began to consider a 3 element or even 4 element version. At the time, only KLM had anything larger than two elements available. The only decision left was how many elements.

The local DXer decided on the four element but after careful review, I decided on the three element antenna. The 4 element spec'd at only about 0.7db additional gain and an extra 100khz bandwidth but at nearly \$200. more!

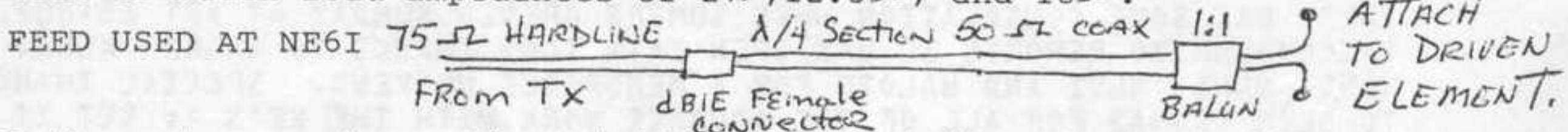
Well, who operates above 7.2Khz anyway and 0.7db isn't much to lose.

Just after purchasing the antenna, I learned that another feed system was being used by a few guys to increase bandwidth and eliminate the gamma match and its problem of blowing capacitor if operated above 2:1 SWR at high power (the rarest multipliers always end up on a frequency that your antenna doesn't like, right?).

A letter to KLM resulted in the details. This feed works well on the two element as well. Bandwidth on my three element increased to 250Khz (a friend with the KLM two element reports full 300Khz coverage). I wound up not using KLM's recommended new feed due to the fact that I used 75 ohm hardline from the cable television company (obtained free!). The KLM design is what started the mind clicking though. As far as I know KLM still supplies the gamma match only on its 2 and 3 ele. yagis.



L1 and L2 are $\lambda/4$ section of 75Ω, 50Ω, or a combination of 75Ω & 50Ω coax to match load impedances of 27Ω, 12.5Ω, and 18Ω.



Both systems replace the existing gamma match system. By the way, since you are no doubt curious, I run a short piece of RG-11 (which is 75Ω coax) at the shack end of the hardline to the TX and the rig and amp match nicely using their built-in LOAD controls. No tuners allowed at NE6I ! !!!!

REMEMBER!! N6ADI & N6VR are putting on a multi-single effort from Ojai, in the country, their score will be for SCCC CQWW CW. Support the club and help in the effort. BE RADIO ACTIVE !

****NOTICE****

ON THE LAST PAGE LA & ORANGE COUNTY AREA REPORTS ARE LISTED AS NOT BEING RECEIVED. DISREGARD .. HERE THEY ARE... I HAVE A PO BOX THAT I GO TO ONCE A WEEK AND THEY WERE THERE SO, THE BULLETIN WAS DONE AND I HAVE INSERTED THIS PAGE....I'LL GET BETTER AS I GET OLDER..HIHI

ORANGE COUNTY REPORT

I WOULD LIKE TO CLARIFY SOMETHING IN MY LAST ARTICLE FROM THE LAST ISSUE REGARDING MY DISQUALIFICATION FROM THE WPX CW CONTEST. I WAS NOT DISQUALIFIED FOR EXCEEDING A 2% CRITERIA. I WAS DQ'D FOR EXCEEDING A CRITERIA THAT DOES NOT EXIST. I HAD EXCESSIVE BOGUS CALLS, BUT NO ONE {INCLUDING THE CONTEST DIRECTOR} KNOWS EXACTLY WHAT EXCESSIVE IS. ITS ENTIRELY UP TO THE WPX CONTEST COMMITTEE. I HAD TOO MANY AND OTHERS DIDN'T HAVE ENOUGH. I THINK THAT THIS SITUATION IS ESPECIALLY INTOLERABLE IN THIS CONTEST WHICH THRIVES ON ODD CALL SIGNS. MAYBE, IF THE COMMITTEE RECEIVES ENOUGH MAIL ON THIS SUBJECT, IT MIGHT BE ABLE TO COME UP WITH A CLEAR DEFINITION OF EXCESSIVE.

XE2SI - SCCC EXPEDITION

TODAY IS MY SECOND DAY BACK AT HOME AND I'M STILL RECOVERING. N6VI, WA6OTU, N6LL {OFFICIAL EXPEDITION PHOTOGRAPHER,ETC} AND I ARRIVED AT THE BORDER AT 5PM ON THURS., WE WERE MET BY RAPHAEL, XE2BC, AND GOT TO THE SITE WITHOUT ANY PROBLEMS. AFTER RAPHAEL LEFT WE LOCATED THE SOLDIER WHO WAS RESPONSIBLE FOR THE WATER TOWER AND PUMP HOUSE {OUR MAIN OPERATING LOCATION AND POWER SUPPLY}. HE REFUSED TO UNLOCK IT. WE GOT HIM TO TALK TO RAPHAEL VIA 2MTRS, HE SMILED AND LEFT. ABOUT AN HOUR LATER HE RETURNED WITH 5 OF HIS BUDDIES AND THEIR MACHINE GUNS AND TOLD US TO GET AWAY FROM THE TOWER. AFTER LOTS OF ARM WAVING AND 2 MTR COMMUNICATIONS WITH THE MAINLAND WE DECIDED TO LET IT GO TILL MORNING. EARLY FRI. MORNING GLEN {K6NA} WAS ABLE TO CONTACT THE XE'S FROM HOME AND THEY ARRIVED ON SITE IN FORCE. THEY VISITED THE COMMANDANTE AND BY THE TIME THE REST OF THE CREW ARRIVED WE HAD MOST OF THE GEAR MOVED INTO THE PUMP HOUSE.

I THINK MOST OF US WERE QRV BY 23:55Z. WE SOON DISCOVERED THE NEW 50KV POWER LINE THAT WAS ABOUT 50FT. FROM THE TOWERS. LUCKILY, IT RAINED SOME ON SATURDAY MORN. AND THE NOISE GOT BETTER. 160 MTRS NEVER GOT BETTER, DESPITE THE BARBED WIRE FENCE THAT WA6OTU TAPPED INTO. THERE WAS SOME CONSOLATION WHEN 10MTRS OPENED SUNDAY AT ABT 20:00Z. {ACCORDING TO REPORTS 10 WAS OPEN SAT. TOO} THANKS TO AA6RX, K6NA, N6ND, N6NI, N6VI AND WA6OTU FOR A MEMORABLE WEEKEND. SPECIAL THANKS TO GLEN {K6NA} FOR ALL OF THE ADVANCE WORK WITH THE XE'S TO SET IT ALL UP.

CU IN THE SS AND CQWW CW. .. -73'S KURT N16W

CQWW SSB 1984 from XE2SI

The second annual Dxpedition to Mexico by the SCCC was a success by some standards and a letdown by others. We were better prepared than ever, but the Mexican Army wasn't. Things had changed a little since last year and we made some assumptions based on last year's operation which we were forced to negotiate and compromise on when we got there. We arrived late Thursday afternoon; the Mexican Army wasn't expecting us until Friday morning and wouldn't let us into the water building, so progress stopped with the setting of the sun (approximately 20 minutes later). We were afraid for a while that we wouldn't be allowed inside at all but Glenn, K6NA, cooled us off over the radio. So Kurt, NI6W, Marty, N6VI, Mark, WA6OTU, and Paul, N6LL, got to bed early and woke around sunrise on Friday.

The beams and towers were all together by about 10:30am when the reinforcements arrived: Glenn, Rick, N6ND, and David, AA6RX, were just in time to put up the towers and the beams on top of them. This was no big deal as anyone who's used N6NB's Ultimate Portable Multi-multi Station knows. The N6VI 220 distribution board and cables were next to go in, as access to the water building had been gained, then went tables, chairs, radios, amplifiers, and cases of miscellaneous stuff.

By 2300, the antenna farm was as follows: on 160 we had an inverted vee at 50 feet with a receiving loop; on 80 an inverted vee at 65 feet; on 40 a 2 element Mosley yagi at 65 feet; on 20 a 4 element N6NB yagi at 65 feet; on 15 a 5 element N6NB yagi at 50 feet; and on 10 a 5 element N6NB yagi at 40 feet. All the yagis were on their own towers, all within about 300 feet of the water building. Four operating positions were located inside the water building (160, 80, 15, and 10) and the other two (40 and 20) were located in campers as remotely as our power cables for the amplifiers could place them, and their antennas as far away from the operating positions as their coax and rotor cables would reach.

Everyone went on the air on time, although some by more skin of their teeth than others. Right about starting time, David shot down to the border (a 15 minute drive) to pick up Tom, N6NI, and bring him up. Rick sat in for Tom on 20 until they got back. Immediately obvious was an SWR problem with the 10 meter beam which Marty fixed on the spot, only to find that 10 was pretty useless propogation-wise. Tom arrived, and took over 20 from Rick who went to work on 80.

The big bummer all weekend long was the noise ("How quickly you forget...." said Glenn who did 80 last year). Estimates by those of us who did it last year were that it was 10db worse this time around. The general consensus afterward was that that site was no good at all any more and that we ought to risk the banditos in the future or find an Army base in a better, quieter location with a pad we can set up on at least 2 miles from the nearest commercial power....

For those interested, Paul, N6LL, was along as our official photographer. He got all the good shots we missed last year and will be compiling the official XE2SI slide show for use by anyone who wants to put on a really impressive "Contest Madness" show for their club. Contact Paul or Mark, WA6OTU, for details.

The operators of XE2SI 1984 CQWW SSB would like to thank everyone who lent equipment and time to the preparation and execution of this operation, including N6NB, W6KUT, W6AQ, N6AA, and N6ZZ. A special thank you to Glenn Rattmann, K6NA, for all the coordination with the Mexican hams he did for us, and a special thank you to Juan, XE2SI, and all the guys at the Tijuana Radio Club for making the whole thing more than a twinkle in Wayne's eye. Now if only we could get to that mesa on the horizon....

L. A. AREA COORDINATOR'S REPORT

It has been a long month here in LA. We put alot of effort into getting the XE2SI expedition together and it didn't seem to be enough sometimes. In the works: W6AQ's whole antenna system was taken down for spring cleaning. So far he's got the new Hy-Gain 3-element 40 meter beam up and running, with the new long boom 4 element 20 on my truck ready to go up if I can move these muscles one more time. The 10 and 15 will get the same treatment and go up sometime soon. Caltech (W6UE) has a new KLM 2 element 40 meter beam up and running (well, it was up and running until I melted the balun in SS, now it's just up...). SS was fun, and I learned a few new tricks which I'm dying to try out next year. I will see you all at the next meeting in Anaheim on November 17, and hope to hear you all on in the CQWW CW. That'll do it from here, I'm still exhausted. It's high time I re-introduced myself to my wife.

XE2SI RAW SCORE

BND	Q'S	Z	C
160	239	7	8
80	1130	20	43
40	2050	31	66
20	2860	34	100
15	2375	31	83
10	719	20	47
	<u>9373</u>	<u>143</u>	<u>347</u>

10MIL

SCORE RUMORS VIA KM9P CQWW PHONE RAW

MULTI	SINGLE	4V2C	8.6 MIL
		K1DG	2.43 "
		N4RJ	2.36 "
		K4VX/Ø	2.27 "
MULTI-MULTI	N2AA	N5AU	KØRF
160	80/15/25	56/14/24	?/12/16
80	510/31/100	213/26/65	258/25/61
40	514/34/102	327/33/81	365/30/70
20	1530/37/135	1137/35/126	835/35/106
15	1069/29/137	1119/31/121	746/31/102
10	124/19/48	225/23/56	134/16/48
	<u>3829/165/547</u>	<u>3127/162/473</u>	<u>?/149/403</u>
	8.14	5.6	3.7

THANKS FOR THE CONTEST SCORES KURT
IF YOU PARTICIPATE SEND YOUR SCORES TO NBADI.....



Some tired band captains of the XE2SI multi-multi team are shown here taking a break from the contest. Left to right are Jim, N6TJ (20); Larry, N6AR (40); Wayne, N6NB (Mr. Portable Tower); Glenn, K6NA (80); and Dick, N6AA (10 and 160). Not shown is the crew of operators who were hard at work in the contest, including N6ND, AA6RX, WA6OTU, XE2SI, and N6XX—and of course, photographer "Tree," N6TR (15).

Fourth in the WORLD 1983 CQ WW DX (phone) Multi-multi