

The Editor Says...

by Bruce Horn, WA7BNM

Well, here I am on the front paaaaggggggeeee! I hadn't planned to be here, but Bob has sort of had it with writing long columns after two years worth. So for this issue, I'm out here in front, and the president's column is inside.

We're rapidly approaching the fall contest season — a time of major contests, both DX and domestic. These contests seem to invariably lead to a discussion of whom the best contesters are and what effect geography has on their performances. Much of this discussion seems to be initiated by DX contesters who do not live in the northeastern U.S., but live in the propagationally-challenged Midwest or here on the wrong coast.

Recently, in attempt to develop an objective measure of contesters' performance, Ward Silver, NØAX, published, on the Internet and in the May/June 1995 issue of *NCJ*, a proposed system for rating contest operators. This system was developed by NØAX, WAØRJY, AA7FT, K3NA, K8JLF, K7GM, K6XO, K1YR, N6XI and K5ZD, with additional input from WN4KKN and K7SS.

I thought it would be interesting to use some real results to evaluate the effectiveness of this rating system. It seems to me that the contest community has a pretty good idea of whom the top contesters are, regardless of where they operate from. Therefore, any contest rating system should produce results that are consistent with the consensus of the community. So I chose to calculate the ratings of three contesters: two recent inductees into the CQ Contest Hall of Fame, N6AA and N6TJ, and an average contester with whom I'm familiar, WA7BNM. That's right, me! A reasonable

rating system should show the superiority of two of these contesters over the third.

At this point, let me summarize the key features of the rating system. Ratings are based only on a contester's performance in five major (CQWW, CQ WPX, ARRL DX, ARRL SS and IARU HF) and five minor contests (WAE, All Asia, ARRL 10m, CQ 160, ARRL 160). Non-US contesters can also use the results from three other minor contests.

A contester calculates his score in a given contest relative to others in the same category by dividing his score by the highest score in his category in his local geographical area and multiplying by 1000. This relative score is referred to as the percentile. However, his local area must have at least 10 entrants in his category. If it doesn't, the local area is expanded until the area contains at least 10 entrants. Local areas natural to the particular contest are used, such as zones in CQWW, ARRL sections in SS, etc.

For example, my published score in the 1994 ARRL 10-meter contest was 15,522 in the low-power mixed-mode category, and the highest local score in this category was 70,350 by W6UQF in San Diego. Therefore, my percentile for this contest is 221. In this example I had to expand my local area (LAX section) to include other sections until at least 10 entrants were found. You can easily see that the highest possible percentile is 1,000, but more than one contester can have a percentile of 1,000 in the same category in the same contest (depends only on how many local areas have at least 10 entrants).

Next, a contester's rating is calculated as a moving average of

continued on page 2

July - August 1995

WORLDWIDE

Southern California Contest Club Operations, Results and Enlightenment

Vol. 18, No. 4

From the Vice President

by Ken Wideltz, AB6FO

The only job the VP has is to put teams together for the NAQP and Sprints, and, I guess, to wait to be elevated to president. I've been happy to do this, but I have to tell you that our members make this a harder job than it should be. A major case in point is last February's CW Sprint. Despite writing to all club members who are known sprinters weeks before the sprint, I had two guys contact me after I had submitted teams. The teams were submitted the day before the contest. I didn't think it would be proper to kick two SCCC members off team no. 1 after I told them they were on team no. 1. So, two of our top scorers wound up on SCCC no. 2.

Fortunately, it didn't make a difference in the standings. SCCC no. 1 didn't make the top spot for the first time in many years, being beaten by an Internet all-star team. Had we been at full strength, we would have missed the no. 1 spot by only 700 points, instead of the 22k points in the official score listings. Let's make a full blown effort to get our crown back in September. With the CQ-Contest Internet mail reflector, we now have some real tough competition. It doesn't take much to pick up another 700 points. But it does take some effort. And we need our best 10 on SCCC no. 1.

Dues are Due

Please look at the mailing label on this issue of *SCCCORE*. If the date is underlined in red, it is time to pay your annual dues. We are really running low on money to maintain our newsletter, so please mail your dues today. It is only

Now that Will, KN6DV, will be taking over the job (OK we didn't vote yet, but has an uncontested nominee ever lost an SCCC election? I'll be in PJ7-land during the August meeting, doing phone NAQP, so I hope I'm not the first either.), I urge all members to help Will out by contacting him as soon as you decide you will be operating a Sprint or NAQP.

One last note, I'm having George, W2VJN, Top Ten Devices, build two sets of stub assemblies, including the logic to automatically select stubs and bandpass filters in a two-radio environment. This device will also bring the radio selection information from LPT to a connector for automatically driving a two-radio switch. The CW interface is built into the band decoder used in the device, and the same device can drive an antenna selection relay box. This is a prototype for a commercial product that they will be bringing to market. If anyone orders another pair before mine is finished (they promised delivery by the end of September for CQP), we both get a five percent discount. I know I have previously talked to some SCCCers about this, so, if you have an interest, please contact me.

\$5.00 per year. *SCCCORE* will not be mailed to contesters who have not paid their dues.

Mail dues to SCCC, 43150 6th St. East, Lancaster, California 93535.

— Will, KN6DV

Editor (from page 1)

the average of his three best percentiles over a consecutive 12-month period and his rating up until that time. These three best results must include at least two of the contests in the list of major contests. If the contester does not have results from three applicable contests during the 12-month period, he must include percentiles of 0 in the average calculation to fill out the necessary three percentiles. It is important to note that the 12-month period applies to the dates that contest results are published, not to the dates of the contest.

Sounds pretty simple! A contester is rated against others in his geographical area, and he needs to be serious in at least three contests per year. So let's get on with the ratings based on the results published in *QST* and *CQ* from 1991 until present. Both N6AA and N6TJ were assumed to have a rating of 1,000 resulting from contests results published prior to 1991. WA7BNM had a rating of zero prior to 1991. In the following charts, the date refers to the date of publication of the contest results, and P is the percentile for that contest.

N6AA Rating:

Date	Contest	P	Rating
10-91	CQWW CW	1000	1000
10-91	ARRL DX SSB	1000	1000
10-92	CQWW CW	609	602
10-92	ARRL DX SSB	526	490
10-92	ARRL DX CW	604	536
10-93	CQWW CW	728	389
10-93	ARRL DX CW	404	383
10-93	ARRL DX SSB	455	456
10-94	CQWW CW	790	360
10-94	ARRL DX CW	29	316
10-94	ARRL DX SSB	108	313

N6TJ Rating:

Date	Contest	P	Rating
9-91	CQWW SSB	594	932
10-91	CQWW CW	749	857

continued on page 3

Editor (from page 2)

Date	Contest	P	Rating
9-92	CQWW SSB	1000	720
10-92	CQWW CW	1000	693
10-92	ARRL DX CW	1000	847
9-93	CQWW SSB	773	885
10-93	CQWW CW	648	680
10-94	CQWW CW	715	459

Wow! This contester rating system must be pretty tough. Our two hall of famers ended up with ratings of 313 and 459 after four years of contests. Our average contester will probably end up with a rating of less than 100.

WA7BNM Rating:

Date	Contest	P	Rating
5-91	ARRL SS SSB	310	52
7-91	ARRL 10m	211	113
9-91	CQWW SSB	46	151
10-91	ARRL DX SSB	343	219
3-92	CQ WPX SSB	41	254
5-92	ARRL SS SSB	389	284
7-92	ARRL 10m	431	336
9-92	CQWW SSB	170	362
10-92	ARRL DX SSB	690	433
9-93	CQWW SSB	410	400
10-93	ARRL DX SSB	430	340
5-94	ARRL SS SSB	568	405
7-94	ARRL 10m	1000	535
9-94	CQWW SSB	1000	696
10-94	ARRL DX SSB	1000	848
3-95	CQ WPX SSB	1000	924
5-95	ARRL SS SSB	780	962
8-95	ARRL 10m	221	981

Hold it! What's wrong with this picture? How does the average contester have a rating of 981, while the two hall of famers have 313 and 459? In fact the highest rating of N6AA, after three scores were available, was 620, and the highest for N6TJ was 885.

The first difference is that both N6AA and N6TJ didn't enter enough contests during a year to always have at least three results during a 12-month period. This resulted in percentiles of one or two zeros being included in their averages. This is devastating to one's rating. On the other hand

WA7BNM entered many contests and in some cases had more than three contests from which to choose his three highest scores. N6AA entered several contests from his home QTH and posted scores that appear to be the result of casual operating, rather than a serious effort.

Secondly, the "local area" for N6AA and N6TJ was far different than that for WA7BNM. Dick was usually in a semi-rare DX location and Jim at ZD8, where they each competed against the best contesters in some of the best locations. The world high score was quite often the score their percentile was calculated against. There weren't nine other contesters in their category at ZD8 or 7Q! WA7BNM's local area was usually Southern California, but at most included Northern California or Arizona.

This, I believe, is the most glaring flaw in the rating system. Since the rating system does not take into account the degree of competitiveness of the contester's category or location, an average contester who competes in a less competitive category, such as low power, in a geographical location with good participation will have a rating higher than many of the contesters who travel to DX locations to compete with the best. This is important in Southern California, where many of the best contesters travel elsewhere for the major DX contests. Relative performance in a category is also highly dependent on the contester's array of equipment and antennas. Although I certainly improved my contest operating technique between 1992 and 1994, the change that produced the big jump in my calculated percentiles was the erection of decent antennas to replace the vertical I had previously used for 10, 15 and 20-meters.

I believe that it is next to impossible to design a rating system that will accurately assess the relative merits of different contesters in different locations, using different equipment in different categories. A rating system will only change the points of debate. It won't eliminate the debate.

My apologies to N6AA and N6TJ for using them as my foils to make a point. I needed contesters for comparison who were universally regarded as two of the best. They certainly are.

Message from the Prez

by Bob Selbrede, W9NQ

Well, I guess all good things must eventually come to an end; and serving as an officer of the SCCC is no exception. This will be my last column and my last meeting as the president of the SCCC. I have really enjoyed serving as the SCCC veep and prez for the last five years, but it's now time to pass the baton to some new blood. This club truly has some of the finest operators and stations known to contesting, and I'm glad to have had the chance to be at the helm of such an organization.



The next meeting of the SCCC will be held in conjunction with the Summer Bash at W6YA's QTH. Look for the details elsewhere in this issue of SCCCORE. We will elect (railroad) a new veep and president into office at that meeting. Running for president will be our current veep, Ken, AB6FO.

continued on page 4

Prez (from page 3)

Running for the new veep is Will, KN6DV. Other nominations will of course be accepted at the meeting. I think Ken and Will will do a great job for the SCCC, as they have been, and I hope you'll support them as you did me. As for me, I'll continue to have my hands full managing the NAQP contest and building up (albeit very slowly) my own antenna farm and contest station. I hope to work you all in this season's contests!

From the Publisher

by Will Angenent, KN6DV

Hello all. As everybody knows, or maybe doesn't know, I took over the publishing / membership / treasurer chores from Mark when he was still editor and am continuing to do so with Bruce as the new editor. I must say I like doing it and so far so good.

Since part of my duties include dues collection, please read my note elsewhere in this issue about due dues. Our dues are small, but they are important to the club.

As Bob mentioned in his column, I am nominated for the position of vice president of the SCCC. I think I am able to handle the veep duties, as well as my other club duties. Most of these duties involve the formation of teams for the NAQP and Sprint contests. As evidenced by the published results in the NCJ, the SCCC has always had great team scores in these contests. I want to keep it that way, so let me know which teams you would like to be on.

I recently became the proud owner of an ICOM 775DSP transceiver. I haven't had much time to play with it enough to tell you the details, but if you have any ques-

tions about the radio, feel free to give me a call.

Finally, I only have a few e-mail addresses for our members. Please send me your address even if you think that I already have it. My new e-mail address is:

KN6DV@QNET.COM

Thanks. A new roster should be out next month.

I look forward to seeing everyone at W6YA's place.

Contester Wanted

Ned Stearns, AA7A, the Southwestern Division CAC representative, has asked the SCCC to provide a contester to participate in the contest forum to be held during HAMCON in Long Beach, September 1 - 3. If you are interested, contact Will, KN6DV.

NAQP CW, August, Score Rumors

Compiled on the Internet by K5GN. QSOs/Mults/Score.

K5GA	690	217	149,730
K1ZX	704	212	149,248
N4ZZ	700	202	141,400
K0RF	718	196	140,728
K5GN	652	212	137,376
AC4NJ (WC4E)	637	206	131,222
KC5NWX	566	229	129,614
K7UP (KN5H)	624	207	129,168
AD5Q	630	193	121,590
K0EJ	599	195	116,805
AC10/4	620	188	116,560
AB6FO	573	198	113,454
KF0H	548	206	112,880
K7SV	534	205	109,470
W5NN (KB5YVT)	551	188	103,588
W1WEF	580	179	103,280
K6LL	559	183	102,297
K4PQL	563	179	100,777
KI3L	535	134	98,440
WA2SRQ	569	173	98,437
K4AMC	552	177	97,704
N6ZZ	524	177	92,748
WD4AHZ	519	175	90,825
W5ASP	502	162	82,000

AA00B	490	158	77,420
NJ9C	503	150	75,450
N5NMX	457	162	74,034
N5NMX	457	162	74,034
KC4ZV	443	166	73,548
KE7GH	499	133	66,367

W9WI	476	135	64,260
WR3O	423	143	60,489
K8NZ	386	151	58,286
K6XO	400	143	57,200
ND3F	394	144	56,700
K3TLX	350	152	53,200
WQ5L	318	123	39,114
N8AAT	285	132	37,620
N4TQO	294	124	36,456
K5WA	267	123	32,841

AE2T	287	113	32,431
AE0M	261	113	29,493
N0AXL	215	?	24,000
K8MR	213	91	19,383
NG3K	206	82	16,892
K5RC	177	82	14,154
WA7BNM	129	81	10,449
AA7BG	107	65	6,955
K1TN	107	64	6,848
K9MA	100	63	6,300

WN3K	109	57	6,213
WA6OTU	103	?	6,077
W9SZ	89	51	4,539
K8JP	73	51	3,723
AA8SM	77	43	3,311
WU1F	80	41	3,280
K8JP	73	?	3,162

IARU HF Score Rumors

Compiled on the Internet by VS6BG. QSOs/Zones/HQ/Score.

Single-op CW:

HA0DU	2200/(220)	-2,000,000
S59AA	1906/125/77	1,394,810
N2IC	1766/130/43	1,203,734
SLOCB	1736/102/77	1,097,807
op: SM0TXT		
W1WEF	1797/96/56	1,077,224
K5GN	1500/138/48	1,010,285
K3ZO	1671/(157)	1,003,701
WX0B	1429/(154)	833,872
op: NM5M		
S50D	1466/104/55	772,422
op: S57AD		
AA3B	1409/88/57	759,655
K7SV	1119/(153)	640,917
K8GL	1150/(141)	596,000
AA4NU	1442/(117)	578,816
op: K0EJ		

continued on page 5

IARU Scores (from page 4)

WX9E	1293/86/35	531,311	N2MZH	584/60/37	160,632
N6ZZ	1128/95/35	530,140	T94EU	404/(103)	124,630
N4TQO	1090/89/27	496,016	NS0B	360/66/32	119,364
	@AG6D		PI4ZLD	210/37/31	44,880
WN3K	1059/73/41	436,506	N3BDA	192/43/18	41,480
KR0Y	742/(139)	390,000	WA7BNM	183/35/17	31,044
N0BSH	1001/(122)	373,198	W9SZ	166/31/19	22,900
	@W9UP		K2YJL/M	93/(8)	1,400
WV5S	879/84/33	372,294			
N6KI	881/88/18	331,674	Multi-op:		
WB00	714/(121)	312,906	IR4T	2544/123/82	1,954,060
N0DH	761/(115)	290,835	WX0X	1940/146/57	1,382,024
K09Y	676/72/38	258,940	@K4VX		
N4OGW	567/55/31	151,618	N3BB	1967/119/39	1,078,192
KK9W	407/46/23	90,045	K9SD	1327/(169)	814,411
W3GOI	350/40/9	61,299	NC0P	1577/(131)	692,204
VS6BG	271/48/11	58,351	KA4RRU	1309/(149)	626,992
W3CPB	228/34/33	47,302	N3KZ	1300/80/49	535,092
KD0AV	183/(36)	20,412	NF8R	1087/(140)	457,940
AA8SM	137/24/12	18,396	N5EA	1010/(112)	411,000
N7ENU	121/25/10	15,295	K6XO	1175/(80)	300,000
NG3K	104/17/15	7,434	KX8D	564/67/38	168,000

Single-op phone:

WB2K	1355/100/52	734,312
WS1A	1313/87/43	603,850
W3BGN	1176/84/36	527,280
WA7FOE	1310/91/23	486,552
VE6JY	852/(139)	478,438
N3ADL	1016/82/41	396,798
JH5ZCP	844/78/28	384,356

op:JR5JAQ

KB4WQO	1066/85/21	370,364
KQ4HC	718/81/38	240,142
N1PBT	610/57/29	116,616
XJ7CFD	550/51/13	113,152

op:VE7CFD

JH4RHF	298/48/30	95,628
W1INF	510/37/16	68,476

op:KB1GW

KG6LF	??/??	53,463
XE2AC	72/(26)	5,512

Single-op both modes:

KF3P	2246/119/62	1,530,174
------	-------------	-----------

@W3LPL

AA4NC	1687/(159)	965,522
KF0H	1745/(148)	941,428
SM4GNU	1505/98/62	800,567
N2BCC	1175/95/40	630,585

@N2RM

KZ1M	1055/84/53	586,223
K3WW	1068/82/49	513,520
WJ20/TF	1370/59/41	441,600
KB2R	1030/71/46	405,288

@K1KP

K2PS	718/67/32	282,942
WA6KUI/4	733/72/41	219,333
W6XR/2	815/59/19	204,594
AA80T	520/70/33	171,392

@W8LT

1994 Japan International DX Contest, Phone, Official North America Results

N7AVK	AB 1178	1524	185	
		281,940	AB #1	
W6EEN	AB 1087	1131	160	
		180,960	Z3 #1	
N6AW	AB 714	768	145	
		111,360		
K0GAS	AB 258	260	64	
		16,640	Z4 #1	
K5NA	AB 160	161	46	
		7,406	Z5 #1	
WA6CQH	28	211	424	44
		18,656	28 #1	
KD4GW/6	28	16	32	8
		256		
WA7BNM/6	21	397	397	47
		18,659	21 #1	
N6RQE	21	367	341	47
		16,027		
KJ6GQ	14	49	50	26
		1,300	14 #1	
KN6DV	7	147	143	36
		5,148	7 #1	
K6ILM	3.5	15	30	10
		300	3.5 #1	
Alaska				
KL7FAP	AB 64	64	40	
		2,560		

Mike, KA6SAR, operated W6EEN during the contest. Each year, the contest organizers award

a special prize of a round-trip ticket to Japan to the U.S. contestant having the top score in the all-band category. This prize has been donated by Bear Kumagai, JA7RHJ/AA6PU. Since N7AVK won the prize last year, he is ineligible this year. Therefore, Mike, KA6SAR, has been invited to Japan.

SCCCORE

is the official bulletin of the Southern California Contest Club.

President: Bob Selbrede, W9NQ/6
6200 Natoma Avenue
Mojave, CA 93501
H: (619) 373-2204
W: (805) 277-9161
W9NQ@aol.com

Vice Pres: Ken Wideltz, AB6FO
10519 Lauriston Ave.
Los Angeles, CA 90064
(310) 474-1355
kwideltz@delphi.com

Editor: Bruce Horn, WA7BNM
4225 Farmdale Ave.
Studio City, CA 91604
H: (818) 761-4563
FAX: (818) 761-4563
W: (818) 502-5180
bhorn@netcom.com

Publisher: Will Angenent, KN6DV
43150 Sixth St. East
Lancaster, CA 93535
H: (805) 949-9833
W: (805) 948-8800
KN6DV@QNET.COM

Membership in the SCCC is open to anyone. Dues are:

Domestic: \$5 per year
Mexico/Canada: \$8 per year
Other countries: \$10 per year

SCCCORE is published six times per year. Please submit scores and other bulletin material to the Editor.

SCCC Calendar

August

- 19-20 North American QSO Party, SSB
- 19-20 SEANET SSB Contest
- 19-20 SARTG Worldwide RTTY Contest
- 26-27 TOEC WW Grid Contest, CW

September

- 2-3 All Asian SSB DX Contest
- 9-10 Worked All Europe SSB Contest
- 9-11 ARRL September VHF QSO Party
- 10 North American CW Sprint
- 17 North American Phone Sprint
- 23-24 CQWW RTTY Contest

October

- 7-8 California QSO Party
- 14-15 Pennsylvania QSO Party
- 28-29 CQWW DX SSB Contest

November

- 4-6 ARRL CW Sweepstakes
- 10-12 Japan International DX Contest, Phone
- 18-20 ARRL SSB Sweepstakes
- 25-26 CQWW DX CW Contest

Next Meeting: Sunday, August 20th

Time: 1 PM to 5 PM

Summer Bash at W6YA's QTH

No need to bring anything. Barbecue and drinks provided.

How to get there:

15 Freeway to Leucadia Blvd. (south of La Costa exit)

Exit and go East about 1/2 mile to Woodley Place (just past Passiflora)

Right on Woodley Place

W6YA's QTH is at end of Woodley Place

Look for antennas

SCCCORE

Southern California Contest Club
43150 Sixth St. East
Lancaster, California 93535



First Class Mail

N6VR MEMBER THROUGH 02/96

**Ray Benny
160 Brandt Ave.
Oak View CA 93022**