

Results, September 2001

NCJ CW Sprint

Boring Amateur Radio Club
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Imagine that you are invited to attend an unusual dance. Once you arrive, you are instructed by the host to make a sincere attempt to dance with as many different individuals as you can before the end of the last number—some four hours later. The floor is divided into three sections, and you can boogie with each person only once in each section. The dance steps always remain the same—two steps forward, one step back. After you have completed an encounter, you must move at least 5 meters before you can pair up with another partner. Now let's put about 300 people out on the floor, strike up the band(s), and see how long it takes for the first few folks to begin to pass out.

Now, imagine that the venue for this dance is the RF playground that you connect to with your HF radio, antenna, keyer and headphones. Perhaps this analogy comes close to describing the "Sprint Experience." The 49th opportunity to dance this dance on CW occurred on September 9th, 2001.

Activity seemed to be very good for a September running. A total of 306 different stations appeared in two or more logs. New records were set in Washington (K7RI/K7SS) and North Carolina (N4AF), and we received our first log submission from Guatemala, courtesy

of TG9/N5KO. Stations in most parts of the country reported pretty good conditions, though the guys in the South did suffer through very noisy conditions on 80 meters. One of the top ten high power scores—from a participant in Texas—only included 46 QSOs on 80!

The low power category continues to gain popularity. It required nearly 10 kilopoints to make the top ten list this time around. Paul Gentry, K9PG (operating from K9XD), "...had to go low power at the last minute" and ended up with the top low power score. Sprint low power veteran Dave, K1HT, was less than three QSOs behind him. Jeff, KU8E, followed closely in third place. W1RM, W4OC (your SC multiplier), K5AF, W7UQ (with KL9A at the key) and N0AX all racked up over 10k points running low power. This is an achievement that ranks right up there with breaking 300 Qs running high power. K4XU and W7GG, both in Oregon, grabbed the 9th and 10th place low power spots.

In the high power category, six previous CW Sprint champions snapped up the top six positions. Four of them were essentially tied before the log checking process was performed. When the dust settled, Tree, N6TR/7, posted his first September CW Sprint victory. Close on Tree's heels were Bill, W4AN (using his

"triple A" call sign), and Andy, N2NT. Andy won the race for the most QSOs, but fell one multiplier short of victory. Fourth place went to Randy, K5ZD/1, followed by Jeff, N5TJ, who was operating from the ice-damaged K5MR station. Jeff was the only station placing in the top ten who also turned in a Golden Log. Tom, K1KI, came in sixth—proving once again that it is possible to make the top ten with only one radio. W4PA, N2IC/0, N6ZZ/7 and former CW Sprint editor AG9A filled out the rest of the top ten slots. Once again, most areas of the country are represented in the top scores.

Our lonely QRP entry is once again Dale, KG5U. Dale, and many others, chose to use the name "Sharp" to honor Clarence E. "Sharp" Sharp, K5DX, who passed away just one week before the contest. Sharp joins the list of silent keys honored by the Sprint operators, a tradition that started with Homer, K7RA, and includes Bip, W6BIP, who was honored last year.

In the team competition, the Southern California Contest Club continued its stranglehold on the number one spot with their 20th victory. The Society of Midwest Contesters #1 team came in second place with only nine scores and NCCC #1 came in third. The YCCC was the only other team scoring over 100k

Sprint-Related Web Sites

For the Sprint rules and contest dates, visit the NCJ Web site: www.ncjweb.com. The list of submitted logs can also be found there. A wide range of NCJ and contesting-related topics are covered on our site.

Seasoned veterans—as well as those interested in trying the Sprint for the first time—should check out N6TR's Sprint Survival Web Page at jzap.com/n6tr/sprint.html. It explains the exchanges, gives examples and is loaded with good information, advice and contest strategies.

Sprint Tip

It is important that each QSO is confirmed by the other station. It is all too easy to forget this while dumping in your call at the end of another QSO. Please remember to give the stations a chance to make sure they have all the information they need before you jump.

Top 10 Scores

Call	Score	Band Changes	QSOs Lost	00Z	01Z	02Z	03Z
N6TR	17689	56	1	104	88	76	93
K4AAA (W4AN)	17650	148	3	98	94	76	86
N2NT	17616	93	3	103	93	79	92
K5ZD	17493	60	5	94	85	80	86
K5MR (N5TJ)	17334	41	0	87	85	81	68
K1KI	16950	6	8	101	85	78	77
W4PA	16168	128	4	99	79	78	89
N2IC	15886	45	5	92	82	86	80
N6ZZ	15840	63	2	90	77	77	86
AG9A	15839	94	2	93	89	70	85

Guidelines for Log Submission

Please carefully read the submission instructions that appear in the Sprint rules that are posted on the NCJ Web site (www.ncjweb.com/sprinrules.html) and published elsewhere in this issue.

The Cabrillo log format is now preferred and eliminates the need for a summary sheet. Otherwise, submit your ASCII log and a summary sheet via e-mail or diskette. E-mail your logs to cwsprint@ncjweb.com or mail them to BARC—CW Sprint, 15125 SE Bartell Rd, Boring, OR 97009.

Check the received logs list on the NCJ Web site to verify that your log has been properly received.

Feedback on log accuracy is available through e-mail (send your request to cwsprint@ncjweb.com) or by postal mail by sending an SASE to the BARC after the results have been published.

points with only eight operators.

There were a few new call signs heard in the pileups this time around. We would like to recognize the fine effort of Dave, KM3T, who made 254 QSOs from the K1EA station in his first CW Sprint.

Of the 168 logs that we received, 165 were in electronic format. We would like to thank those of you who submitted your logs in the Cabrillo format. This is helping us improve the quality of the results by standardizing the format of the logs and allowing us to automate the process for determining category, guest operators and soapbox comments.

Once again, the SO2R (single-op, two radio) stations were out in force. Four stations made over 100 band changes, and it took 75 or more changes to make the "Top 10 Band Changes" list.

A great challenge is to operate this contest and submit a perfect log with no errors. No fewer than six stations with MORE than 300 QSOs turned in "Golden Logs." Congratulations this time around

go to N6RT (at W6EEN), N5TJ (at K5MR), K4BAI, N6TV, AA3B, K1DG, K1HT, KL9A (at W7UQ), K9BGL, WQ5L, K17Y, K4MX, KG5U, HP1AC and W7LR—all submitted perfect logs. This ties the record for the highest total of Golden Logs—set in February last year.

The next CW Sprint will be held on February 10th (Zulu) at 0000Z. Will N6TR be able to string together three consecutive victories? Will N5TJ be back at full strength and reclaim his QSO record? Will someone come in with over 400 QSOs? Can the SCCC make it number 21, or will the SMC, NCCC or YCCC put together a full team to challenge them? Will anyone else dive into this "mosh pit" armed only with 5 W, like KG5U? Tune in and find out.

Soapbox

For the first Sprint that I can recall, I worked every mult that I heard, but judging from some other reported scores, I missed hearing a few!—AE6Y. Yikes! That's fast.—

K0CO. Tnx to Bill/W4AN for organizing teams. Only a part time effort.—K0EJ. First time using computer logging. Score probably down a few QSOs, but first Sprint with no dups. Somehow managed to skip a few QSO numbers.—K1DG. My best multiplier total so far! A special thanks to K4FXN, who called me at 0347, for KY. 40 was great at the start but didn't seem as good later. I'm still using one radio.—K1HT. First Sprint for me. Thanks to K1KI.—K2KQ. Nice break in WAE SSB action, second time I've broken 300 in Sprint while working WAE most of the weekend.—K3WW. 80M with QRN was not the place to be Low Power. The big guys ate my lunch almost every time.—K4QPL. Best start ever. The low bands were very rough.—K4RO. Great Sprint, just wish that the 80M conditions were better.—K5AF. Lousy noise, but any Sprint is a fun Sprint.—K5GN. Operated at KV4T in AL.—K5OT. My first attempt at SO2R in the Sprint. As if the Sprint isn't crazy enough with one.—K5PI. The best four hours in contesting!—K5ZD. Semi-Field Day-type operation. I fixed a generator problem, but a crashed hard drive caused a big scramble searching for pen/paper and setting up the

Top 10

Low Power Scores

Call	Score
K9XD (K9PG)	13279
K1HT	13152
KU8E	12737
W1RM	10956
W4OC	10922
K5AF	10516
W7UQ (KL9A)	10234
N0AX	10032
K4XU	9460
W7GG	9430

QRP Scores

Call	Score
KG5U	7650

QSOs

Call	QSOs
N2NT	367
N6TR	361
K4AAA (W4AN)	353
W4PA	344
K5ZD	343
N6MJ	341
K1KI	339
N2IC	338
AG9A	337
W6EEN (N6RT)	337

Mults

Call	Mults
K5MR (N5TJ)	54
K5ZD	51
K4AAA (W4AN)	50
K1KI	50
K1DG	50
K6NA	50
N6TR	49
K9XD (K9PG)	49
Many	48

Band Changes

Call	Changes
K4AAA (W4AN)	148
N9RV	147
W4PA	128
W6EEN (N6RT)	116
AG9A	94
N2NT	93
K9XD (K9PG)	90
W5WMU	84
K1VUT	77
N5RZ	75

Golden Logs

(no QSOs removed)

Call	QSOs
W6EEN (N6RT)	337
K5MR (N5TJ)	321
K4BAI	319
N6TV	315
AA3B	307
K1DG	306
K1HT	274
W7UQ (KL9A)	238
K9BGL	237
WQ5L	226

Team Scores

1. Southern California Contest Club #1

N6ZZ	15840
N6MJ	15686
W6EEN (N6RT)	15165
K6NA	13150
W6UE (W4EF)	12465
K6LA	12390
AC6T	12056
N6CW	11655
N6AN	10578
N6VR	9996
	128981

3. Northern California Contest Club #1

N6TV	14805
N6RO	13872
AE6Y	12190
W6YX (N7MH)	12056
K5RC	11572
K6AW	11193
AJ6V	10707
W6RGG	9804
K6XX	9589
K7NV	9480
	115268

2. Society of Midwest Contesters #1

AG9A	15839
N9RV	14996
K9NW	14928
N2NC	13677
K9XD (K9PG)	13279
WB0O	12138
N9CK	12040
K0OU	11616
NA9D (KB3AFT)	10648
	119161

4. Yankee Clipper Contest Club #1

K5ZD	17493
K1KI	16950
K1DG	15300
K11G	14030
K1HT	13152
W1WEF	13029
KM3T	11176
K1IR	8400
	109530

5. Kudzu (K4BAI, KT3Y, K9AY, KZ5D, WQ5L, K5OT, W4NZ, WO4O, AE4Y)	90926
6. Beam SE (K4AAA [W4AN], N4AF, K4RO, K4NO, W5WMU, N4ZZ, K4MA, K0EJ)	89411
7. Austin Powers (K5MR [N5TJ], N3BB, K5NA, K5PI, AF5Z, K4QPL, N2LA, K5TR, KE5C, N5DUW)	83719
8. Corner Pocket (N6TR, K7RI [K7SS], W7UQ [KL9A], N0AX, W7VJ, K17Y, VE7QO, N7WA)	77066
9. Texas DX Society Sharp (K5GN, K5NZ, K5XR [W5ASP], N5TU, KG5U, N1LN, N5XZ, KN5H)	70107
10. North Coast Contesters (K2UA, VE3EJ, VA3RU, W8KIC, ND8L, ZF2VV, AD8J, K3LR, WW3S)	67843
11. Frankford Radio Club (N2NT, AA3B, K3WW, K2PS, W1NN, N8NA)	65693
12. Middle East (KU8E, K3WU, NA0N, K4MX, N2MG)	43306
13. YCCC #2 (W1RM, K2KQ, K1VUT, K2LE, KB1H, N1XS)	36067
14. NCCC #2 (NI6T, K6CTA, N6PN, N6IJ [AD6TF], K6KYJ)	27039
15. SMC #2 (KG9X, K9BGL, N9CO)	25155
16. SCCC #2 (W6TK, N6ED, N6TW, N6AA)	20191
17. 2 of Us (VE3FU, VE3IAY)	11646
18. Mad River Radio Club (K8MR)	10718
19. SMC #4 (KJ9C, W0UY, W9LYA)	9753
20. YCCC #3 (W1FJ, W1TO)	8126
21. LU Contest Group (LW9EUJ)	3168
22. SMC #3 (AK9F, A19X)	2341

old keyer.—*K6XX*. A great operating event—much more than a contest! Thank you!—*KE5C*. I just didn't have my heart in this one.—*KJ9C*. My first full CW Sprint...simultaneously the most fun and frustrating contest there is! Can't wait 'til the next one!—*KM3T*. This was my first Sprint, WOW, too bad I started late, there's always next year.—*KW4DA*. Need some more skill sharpening. I'll be back next time.—*N1LN*. Got home late after helping K2UA with some tower work. I don't have a 20M antenna anyway, so no big deal! Thanks to W4AN for twisting my arm and sticking me on a team. That was the one thing that got me to stick it out.—*N2MG*. My first Sprint. What a rush!—*N5XZ*. Many thanks to Arnie, N6HC, for the generous use of his station. After 24 years as AA6RX I finally got a new call. This was my debut as N6AN. My humble apologies to all for being spastic and slow. Due to problems caused by lack of preparation, CW except for pre-programmed messages was sent in

keyboard mode. But prepared or not, this is loads of fun. My thanks to the tireless volunteers among us who make the Sprints possible.—*N6AN*. A bit rusty at first, but got the hang of it after a while. Great fun!—*N6ER*. Inverted-V on 80 seemed to contribute to a stronger-than-usual last hour, despite a lot of QRN.—*N6ZZ*. Thanks to the encouragement of K3LR, K9PG and N2NC I put the antennas back up and away we went... except the computer crashed halfway thru. After a piece of peach pie for stamina, I finished the contest on paper. Unfortunately, I couldn't remember what was the last QSO number, so I restarted arbitrarily at 100. Thus there is no QSO 90 thru 99. I was able to retrieve the first part of the log, but I guess it is time to replace the 386 with a 486. PS: My last Sprint entry should have been listed as Low Power, as always—and first time over 10k!—*N8NA*. Great fun as usual. Looking forward to the next one.—*NO5W*. Clearly, THE most difficult contest going. Great fun.—*VE4XT*. Had fun but

next time will have better antenna for 40. Thanks for Qs.—*VE7QO*. I'm beginning to think that my personal contesting demons simply don't like Sprint contests. Saturday morning I got everything set up just the way I like and then the XYL and I left to drive to a wedding about 100 miles away. We got back from the wedding festivities about 2320. I didn't even drink one beer! Plenty of time to get all the radio gear up and running, right? Suddenly, 10 minutes before the start, my parallel port SO2R box doesn't like the 40M double Zepp and begins to chatter the keying relay on that band. I quickly switch things around to keying with the serial port (no point for me to even try SO2R in this contest, I get befuddled easily enough with only one radio...). By the time I get all of that squared away the Sprint is already 3 minutes underway. But the signals on 20 sound kind of weak and watery, and I'm having a hard time getting heard. I hope we haven't had another solar flare, etc. About 10 minutes

Sprint Observations—A Little Gun Perspective

by Rich Ferch, VE3IAY

The Sprint is a challenge for everyone, but I believe it is especially tough for newcomers and popguns.

As a station with an anemic signal (100 W to a ground-mounted trap vertical in my case—many QRP stations are louder than I am!) I found the Sprint unusually frustrating for several reasons. This was only my second attempt at it, so I am still learning, of course.

Although overall, the operating standards were very high, once or twice I had someone start calling on my frequency while I was in the middle of a QSO. One or two folks (dare I call them "alligators"? Not really, but...) would repeatedly CQ while I was still trying to send another contact my call sign. Both of these are indications that my signal is hard to hear, and perhaps some people can't be bothered (...or honestly can't hear me, even though other stations in the same location seem to be able to).

Needless to say, my long call sign is no help either. I called one station—only 500 to 600 miles from me—at least half a dozen separate times, and every time he would be well into his exchange with someone else before I could even finish sending my call (at around 33 WPM).

I am not trying to place any blame, nor am I suggesting that anyone should change his operating habits. I am just identifying some of the facts of "little gun" life. But it is also a fact that these phenomena help contribute to the frustration of the "fresh meat" participants that I'm sure the big guns and the contest promoters are looking to attract.

These types of things occur in other contests as well, but the amount of frustration they cause seems greater in a high-pressure event like the Sprint. Perhaps it's just a matter of mental preparation.

I also found that some strategies that I adopted—whether consciously or unconsciously—worked against me. For example, I initially assumed that I would be better off CQing in this contest. In others I have achieved some modest levels of success with a pure S&P strategy. I also thought that it would be best to follow the crowd and try to minimize the number of band changes.

These assumptions led me to adopt (and unfortunately stick to) a less-than-optimal game plan. This was my own fault, but it was still frustrating. While it was fresh in my mind, I tried to come to some tentative conclusions about how to get more out of this contest from a peanut-whistle station. I jotted down some notes mainly so that I'd have them for my own future reference. But I thought perhaps that they would also be of some use to other newcomers as well, so I sent them in to the *NCJ*.

It may be useful for the promoters of this contest to spend a bit of time thinking about what advice they might provide to newcomers to encourage their repeat participation. My own ideas here may well be all wet, but I think that some good

advance warning and advice to newcomers—whether along these lines or not—might help encourage their long-term participation.

First, if you don't get a call immediately after completing a QSO, don't waste time calling CQ (no more than one token call, if that). This is especially important on bands where your signal is weak. On 80 meters, out of 30 QSOs (based on my log's frequency data) at most four of my QSOs were "solicited." In fact, I'm pretty sure at least one of these was a second S&P contact. Even on 20 meters, where I was much more likely to have a second QSO on the same frequency (18 times out of 33 possible), I wasted too much time on useless second and third repeat CQs. These were only rarely answered. The Sprint is nothing like a Sunday afternoon during SS where CQing can pay off for a weak station.

Second, don't leave a band when the action seems to be starting to thin out. With a weak signal, you may do better when the band is less crowded and there is less competition. I got my best rates on 20 after some of the action had moved on to 40. In hindsight, I left 20 too soon. If you've got a weak station, you may be better off moving between bands a bit more often so you can stay on the skirts of the main activity, rather than trying to be on the most popular band. This is not a DX contest where you have to follow the propagation to make contacts.

Third, if your station is weaker on one of the bands, don't waste a lot of time there. Multipliers don't count separately on different bands in this contest. If 80 meters is your weakest band, you might spend just a short time there (perhaps before the hordes descend) in order to pick up some of those close-in multipliers that you won't be able to work on 40 and 20. But otherwise, as soon as your rate starts to drop, go where you have a better chance of making QSOs.

Fourth, don't bother calling really big signals. While it seems obvious that you should avoid wasting too much time on weak signals, it's also the case that if you call a really strong signal and yours is weak. You'll probably lose out in the mini-pileups those stations attract. That's especially true if your call sign is not short and snappy. Go for the signals that are strong enough to work easily, but not so strong that they will attract too much competition. This is very different from a contest where the big signals can sit on a frequency and run, and will quickly "clear away" your competition from stronger S&Pers.

Finally, recognize ahead of time that it is difficult to achieve a high rate in this contest. For example, my best 10 minutes in this running of the Sprint barely managed to match the rate I can maintain—using a pure S&P strategy—for the entire 10 hours in the NAQP. My overall rate was low, even relative to my own low standards.

later I notice that my 20M beam is still pointed at Europe, where I was handing out a few Qs in the WAE contest earlier, duh. Being rattled is definitely not the best way to

start the Sprint.—W4AU. My first September CW Sprint from the states. Lots of fun, but February is much better!—W7UQ (KL9A). ICOM IC-706MKIIG, Butternut HF-

9V. Had to transcribe from paper log; RF got into my computer!—W9LYA. My best Low Power score yet.—WO4O.

Single Operator Scores

Call	Name	QTH	20	40	80	QSO	Mults	Score	Team	Call	Name	QTH	20	40	80	QSO	Mults	Score	Team
K5ZD	Sharp	MA	133	134	76	343	51	17493	YCCC #1	W6UE	Mike	CA	123	109	45	277	45	12465	SCCC #1
K1KI	Tom	CT	122	144	73	339	50	16950	YCCC #1	(W4EF)									
K1DG	Doug	NH	131	105	70	306	50	15300	YCCC #1	K6LA	Ken	CA	130	122	43	295	42	12390	SCCC #1
K1G	Rick	RI	116	119	70	305	46	14030	YCCC #1	A65Y	Andy	CA	118	105	42	265	46	12190	NCCC #1
K1HT	*Dave	MA	112	110	52	274	48	13152	YCCC #1	W6YX	Mike	CA	124	121	29	274	44	12056	NCCC #1
W1WEF	Jack	CT	93	122	88	303	43	13029	YCCC #1	(N7MH)									
KM3T	Dave	MA	89	101	64	254	44	11176	YCCC #1	AC6T	Steve	CA	125	112	37	274	44	12056	SCCC #1
W1RM	*Pete	CT	103	98	48	249	44	10956	YCCC #2	N6CW	Terry	CA	130	97	32	259	45	11655	SCCC #1
K11R	Jim	MA	72	90	48	210	40	8400	YCCC #1	K6AW	Steve	CA	99	115	59	273	41	11193	NCCC #1
K1VUT	*Dave	MA	72	74	21	167	40	6680	YCCC #2	AJ6V	Ed	CA	117	95	37	249	43	10707	NCCC #1
K1PQS	Geo	ME	82	38	33	153	42	6426		N6AN	Rex	CA	106	89	51	246	43	10578	SCCC #1
W1FJ	Al	MA	58	44	32	134	39	5226	YCCC #3	N6VR	Ray	CA	105	93	40	238	42	9996	SCCC #1
NY1S	*Joe	ME	69	48	8	125	40	5000		W6RGG	Bob	CA	109	78	41	228	43	9804	NCCC #1
W1TO	*Tom	MA	45	31	24	100	29	2900	YCCC #3	K6XX	Bob	CA	122	72	29	223	43	9589	NCCC #1
KB1H	*Dick	CT	32	30	19	81	30	2430	YCCC #2	K9ZO	Ralph	CA	105	76	37	218	43	9374	
N1XS	*Chris	CT	16	22	0	38	21	798	YCCC #2	N6ER	Kevin	CA	107	75	41	223	41	9143	
N2NT	Andy	NJ	143	144	80	367	48	17616	FRC	W6TK	Dick	CA	103	80	24	207	41	8487	SCCC #2
K2UA	Rus	NY	99	120	78	297	45	13365	NCC	N16T	Garry	CA	111	47	43	201	42	8442	NCCC #2
K2PS	Pete	NJ	72	102	56	230	41	9430	FRC	K6CTA	Ed	CA	93	78	20	191	40	7640	NCCC #2
K2KQ	Don	NY	83	85	53	221	41	9061	YCCC #2	N6PN	Matt	CA	84	78	27	189	36	6804	NCCC #2
K2LE	*Andy	NY	45	87	34	166	37	6142	YCCC #2	N6ED	Ed	CA	91	52	18	161	40	6440	SCCC #2
N2MG	Mike	NY	3	75	45	123	39	4797	Middle East	KU6J	*Eric	CA	60	64	22	146	37	5402	
AA3B	Bud	PA	110	138	59	307	45	13815	FRC	N6TW	Larry	CA	65	26	13	104	28	2912	SCCC #2
K3WW	Chas	PA	123	106	76	305	44	13420	FRC	N6AA	Dick	CA	0	71	13	84	28	2352	SCCC #1
K3WU	Jim	PA	105	88	57	250	43	10750	Middle East	N6J	Jim	CA	37	27	12	76	28	2128	NCCC #2
W1NN	Hal	PA	61	60	23	144	40	5760	FRC	K6KYJ	Ron	CA	39	28	8	75	27	2025	NCCC #2
N8NA	*Karl	DE	54	34	69	157	36	5652	FRC	N6TR	Tree	OR	149	131	81	361	49	17689	Corner Pocket
AD8J	John	PA	51	64	15	130	36	4680	NCC	K7RI	Dan	WA	139	125	54	318	46	14628	Corner Pocket
WV3S	*JT	PA	39	30	21	90	31	2790	NCC	(K7SS)									
K4AAA	Bill	GA	124	150	79	353	50	17650	Beam SE	K5RC	Tom	NV	99	121	43	263	44	11572	NCCC #1
(W4AN)										K7UAZ	Tor	AZ	120	108	45	273	41	11193	
W4PA	Scott	TN	138	136	70	344	47	16168		W7UQ	*Jim	ID	131	73	34	238	43	10234	Corner Pocket
N4AF	Al	NC	126	106	83	315	46	14490	Beam SE	(KL9A)									
K4BAI	John	GA	113	110	96	319	44	14036	Kudzu	N0AX	*Ed	WA	121	83	24	228	44	10032	Corner Pocket
KT3Y	Phil	VA	105	114	65	284	46	13064	Kudzu	NV7N	NV	99	97	41	237	40	9480	NCCC #1	
K4RO	Kirk	TN	95	121	57	273	46	12558	Beam SE	K4XU	*Dick	OR	107	75	33	215	44	9460	
K4NO	Greg	AL	108	98	58	264	47	12408	Beam SE	W7GG	*Bob	OR	120	53	32	205	46	9430	
K9AY	Gary	GA	112	95	51	258	47	12126	Kudzu	W7VJ	Andy	WA	81	86	38	205	42	8610	Corner Pocket
K07X	Al	NC	92	118	55	265	44	11660		K17Y	*Jim	OR	106	72	18	196	43	8428	Corner Pocket
N4ZZ	Don	TN	99	101	61	261	44	11484	Beam SE	KN5H	*Sharp	AZ	67	51	5	123	41	5043	TDXS Sharp
W4OC	*Don	SC	98	100	56	254	43	10922		KL7WV	Tim	AK	106	0	0	106	36	3816	
K5OT	Larry	AL	98	99	39	236	42	9912	Kudzu	N7WA	*Dink	WA	56	31	15	102	32	3264	Corner Pocket
W4AU	John	VA	64	98	52	214	43	9202		WC7S	*Dale	WY	21	17	1	39	23	897	
K4IQJ	*Dick	AL	89	96	36	221	40	8840		W7LR	Bob	MT	1	3	0	4	4	16	
W4NZ	Ted	TN	73	89	48	210	42	8820	Kudzu	KU8E	*Jeff	OH	81	121	69	271	47	12737	Middle East
W04O	*Ric	TN	61	77	54	192	45	8640	Kudzu	K8MR	Jim	OH	83	93	57	233	46	10718	MRRRC
K4FXN	*Dan	KY	74	98	54	226	38	8588		W8KIC	Val	OH	64	109	44	217	39	8463	NCC
K4QPL	*Jim	NC	78	64	39	181	40	7240	Austin Powers	K3JT	Terry	WV	64	93	38	195	42	8190	
K4MX	*Jeri	VA	56	78	44	178	37	6586	Middle East	W8KW	*Emu	MI	86	37	30	153	38	5814	
K4MA	Jim	NC	69	52	42	163	38	6194	Beam SE	(W8UE)									
AE4Y	*Kent	GA	25	86	0	111	40	4440	Kudzu	ND8L	*Ray	OH	71	53	27	151	38	5738	NCC
K0EJ	*Mark	TN	10	42	25	77	31	2387	Beam SE	AG9A	Mark	IL	118	149	70	337	47	15839	SMC #1
AA4LR	*Bill	GA	37	27	6	70	34	2380		N9RV	Pat	IN	122	133	71	326	46	14996	SMC #1
KW4DA	Dave	NC	0	54	11	65	23	1495		K9NW	Mike	IN	109	125	77	311	48	14928	SMC #1
K5MR	Ed	TX	144	131	46	321	54	17334	Austin Powers	N2NC	John	IL	120	120	51	291	47	13677	SMC #1
(N5TJ)										K9XD	*Dave	IL	102	116	53	271	49	13279	SMC #1
N6ZZ	Phil	NM	150	113	67	330	48	15840	SCCC #1	(K9PG)									
K5GN	Sharp	TX	149	106	68	323	48	15504	TDXS Sharp	N9CK	Steve	WI	103	113	64	280	43	12040	SMC #1
N5RZ	Gator	TX	148	122	54	324	45	14580		NA9D	Jon	IL	83	101	58	242	44	10648	SMC #1
K5NZ	Sharp	TX	123	112	44	279	48	13392	TDXS Sharp	(KB3AFT)									
N3BB	Jim	TX	152	89	45	286	46	13156	Austin Powers	KG9X	Fred	IL	65	102	68	235	42	9870	SMC #2
W5WMMU	Pat	LA	114	104	37	255	48	12240	Beam SE	K9BGL	Karl	IL	93	114	30	237	39	9243	SMC #2
N5OT	Mark	OK	103	107	50	260	43	11180		N9CO	*Gomer	IL	33	107	19	159	38	6042	SMC #2
K5NA	Sharp	TX	98	108	63	269	40	10760	Austin Powers	KJ9C	*Mel	IN	54	68	28	150	36	5400	SMC #2
K5KA	Ken	OK	113	97	55	265	40	10600		AK9F	*Hal	IL	0	75	0	75	31	2325	SMC #3
K5AF	*Paul	TX	113	93	33	239	44	10516		W9LYA	*Dave	IL	15	8	3	26	18	468	SMC #4
KZ5D	Art	LA	94	96	36	226	44	9944	Kudzu	A19X	*Tony	WI	2	2	0	4	4	16	SMC #3
WQ5L	Ray	MS	128	96	2	226	44	9944	Kudzu	N2IC	Steve	CO	147	120	71	338	47	15886	
N5DO	*Dave	TX	87	102	33	222	41	9102		N0AT	Ron	MN	104	114	53	271	45	12195	
K5PI	Rob	TX	96	87	50	233	39	9087	Austin Powers	WB0O	Bill	ND	116	108	65	289	42	12138	SMC #1
K5XR	Sharp	TX	91	87	20	198	45	8910	TDXS Sharp	K0OU									