

Results: North American Sprint CW — September 2016

The 79th running of the North American Sprint CW signaled the start of another contest season. What better way to dust off the key and make sure your station is ready for competition? It's an opportunity to remind your brain how to copy high-speed Morse and assure yourselves that your fingers can still use your paddle. It also makes sure your VFO knob still works!!

The 134 logs submitted was up slightly from 120 last September but down from the 182 logs received in February. There were 183 stations appearing in our database of active call signs. Only one station was able to get to page 8 this time, as many stations had problems keeping the rate up after working the initial group of loud signals on each band.

Conditions seemed generally okay, with the exception of the W1 and W2 call areas, where scores seemed lower primarily as a result of depressed contact totals on 80 meters. It was all Andy, N2NT, could do to break 300 QSOs.

If you made at least 100 QSOs in the February CW Sprint, you should have received a certificate documenting your achievement. If you surpassed that total this time around, you will receive an updated certificate. Stations making more than 100 contacts in this event and did not get a certificate from February will receive their initial certification this time around. You should receive your certificate before the next event in February.

High Power

NCJ Editor Pat Barkey, N9RV, coupled his 341 QSOs with enough multipliers to edge out Steve London, N2IC, for the top spot. Steve had 14 more contacts, but it was not enough to make up for the two additional multipliers in Pat's column. This marked Pat's second victory in the CW Sprint. It was also only the second time in the past 13 Sprints that neither N2IC nor N5KO had the top score.

Coming in 3rd place was Dan, N6MJ. Dan only had two band changes and maximized his score using the old Search-and-Pounce method that we all used back in the "good old days" of the Sprint. Eric, NO3M, came in 4th and was the stand-out score from the Eastern US. It certainly looks as though he is working his way up the Top 10

and might surprise us all someday and pull out a victory. His first hour total of 116 was very intimidating to those who worked him.

Fifth place was Bob, N6TV who edged out Trey, N5KO operating from the W6QHS hilltop. I believe the two stations can see each other. Ralph, N5RZ, who was operating perhaps his last Sprint from West Texas, came in 7th, followed by K4RO, N4OGW and KØEU.

Low Power

The Low Power category continues to have very strong competition for the Top 10 box. Most of these entries use the more classic one radio approach to the contest, with only three stations having the large number of band changes mostly seen in the high power Top 10 box.

Eric, NM5M, managed to push two regular winners of this category down the list and took 1st place with just two band changes. Those two other guys were Don, W4OC, who came in 2nd, and Steve, N9CK, who placed 3rd. The total difference between first and third place was less than 10 QSOs. Matt, K7BG, placed 4th, followed by Ray, WQ5L. Pat, NAØN was 6th with "Lar," K7SV, and John, W4IX, close on his heels. K4XU and K3UA finished off the Top 10 list.

QRP

Only four stations entered the QRP category this time. The two top scores were only 16 points apart — the equivalent of about one half of a QSO. Congrats to Mark, K6UFO, who piloted NN7SS to 1st place. Second place went to Dan, KEØTT, who had no beams in his arsenal. Mike, K8CN, operating from New Hampshire took 3rd place. Steve, NA4K, made just one QSO at the start of the test and was never heard from again.

Team Competition

There were 14 teams registered this time around, up from 12 teams last September, but down from the 20 we had in February. More than half of the teams had five or fewer members. This has been noted by the *NCJ* management, and reducing the team size to a maximum of 5 operators will be a change for 2017. It is just getting too hard to recruit 10 people for a team.

Congratulations to the Ad Hoc team,

which leveraged many scores from the Top 10 listings to win the team competition. Second place went to the Northern California Contest Club. These two teams have taken turns in the top two spots for a long time. Third place went to the North Coast Contester/Mad River Radio Club team. Fourth place went to the Southern California Contest Club.

Golden Logs

Eleven stations produced golden logs, making it through log checking with no score reductions. Congratulations to N2IC, who managed a golden log with 355 QSOs! N5KO and N4OGW had over 300 QSOs with no busted QSOs. N2NC, N4OX, NAØN, and W4IX did the same with at least 250 QSOs in their logs. K6XX, K7SS, W4EF, and NA4K finish off the golden log list. No matter your score, making this list is quite an achievement as log checking for this contest is not forgiving.

If you would like to know what deductions were made from your score, you can get a copy of your log check report. Armed with this information, you can challenge yourself to improve on your accuracy in the next event. E-mail tree@kkn.net to get your report. Include the call sign you used in the contest.

Records

Three new records were set this time around. Dan, KEØTT, set a new Low Power record for Minnesota, just edging out KEØG's record from 7 years ago. Sprint newcomer Gabor, VE7JH, who is well known for his VHF contesting activity in the Pacific Northwest, set a new record for VE7 using low power. The previous record was held for four years by VA7ST. Finally, Gene, KB7Q, remoted down to Puerto Rico to submit the first ever High Power entry from KP4.

Next Time

Mark your calendars for the next CW Sprint, coming up on February 5, 2017 (UTC), getting under way at 0000 UTC. Stations may operate for the 240 minutes from 0000 to 0359 inclusive. If you start a QSO just before the clock ticks over to 0400, feel free to finish it and log it at 0359 UTC.

Top 10 Scores

<i>Call Sign</i>	<i>Score</i>	<i>Bnd Chgs Qs Lost</i>		<i>00Z</i>	<i>01Z</i>	<i>02Z</i>	<i>03Z</i>
N9RV	16,368	154	1	100	91	76	74
N2IC	16,330	150	0	110	85	80	80
N6MJ	15,557	2	4	92	88	64	87
NO3M	15,510	144	4	116	76	76	62
N6TV	15,134	105	5	101	83	70	68
N5KO	15,088	119	0	93	89	75	71
N5RZ	15,087	106	2	94	89	68	70
K4RO	14,993	126	4	99	79	82	59
N4OGW	14,664	108	0	103	72	73	64
KØEU	14,628	102	4	98	75	76	69

Top 10 QSO Totals

N2IC	355
N9RV	341
N6MJ	331
NO3M	330
N5KO	328
N6TV	322
N5RZ	321
K4RO	319
KØEU	318
N4OGW	312

Top 10 Multipliers

K5TR	48
KZ5D	48
N9RV	48
K4RO	47
N4OGW	47
N5DX	47
N5QQ	47
N5RZ	47
N6AA	47
N6MJ	47
N6TV	47
NO3M	47
W6YX	47
W9RE	47

Top 10 High Power - Max 12 Band Changes

<i>Call Sign</i>	<i>Score</i>	<i>Bnd Chgs Qs Lost</i>		<i>00Z</i>	<i>01Z</i>	<i>02Z</i>	<i>03Z</i>
N6MJ	15,557	2	4	92	88	64	87
N6AA	14,053	4	1	84	79	69	67
K4BAI	13,770	2	3	88	87	70	61
N6AN	12,584	2	2	84	67	77	58
K3LR	11,997	8	7	80	65	63	71
W1WEF	11,970	2	1	68	69	65	64
N2NC	11,925	6	0	82	77	72	34
K5ZD	11,572	2	1	93	72	65	33
N4OX	11,528	4	0	85	67	55	55
K6NA	11,352	9	1	78	65	65	50

Top 10 Low Power

<i>Call Sign</i>	<i>Score</i>	<i>Bnd Chgs Qs Lost</i>		<i>00Z</i>	<i>01Z</i>	<i>02Z</i>	<i>03Z</i>
NM5M	12,825	2	4	76	84	69	56
W4OC	12,645	104	5	85	71	69	56
N9CK	12,420	81	2	89	59	65	63
K7BG	11,960	6	3	76	69	51	64
WQ5L	11,430	2	3	71	71	54	58
NAØN	11,220	85	0	80	60	61	54
K7SV	11,176	8	6	84	74	56	40
W4IX	11,000	2	0	70	65	58	57
K4XU	10,750	16	12	79	59	67	45
K3UA	10,578	2	7	67	65	64	50

Golden Logs

N2IC	355
N5KO	328
N4OGW	312
N2NC	265
N4OX	262
NA0N	255
W4IX	250
K6XX	114
K7SS	83
W4EF	6
NA4K	1

Top 10 Low Power - Max 12 Band Changes

<i>Call Sign</i>	<i>Score</i>	<i>Bnd Chgs Qs Lost</i>		<i>00Z</i>	<i>01Z</i>	<i>02Z</i>	<i>03Z</i>
NM5M	12,825	2	4	76	84	69	56
K7BG	11,960	6	3	76	69	51	64
WQ5L	11,430	2	3	71	71	54	58
K7SV	11,176	8	6	84	74	56	40
W4IX	11,000	2	0	70	65	58	57
K3UA	10,578	2	7	67	65	64	50
WØETT	9,944	5	12	60	58	54	54
K5AX	9,405	3	13	59	58	48	44
W9CF	9,116	4	1	53	56	48	55
VE7JH	8,668	2	3	49	55	52	41

Top 10 Number of Band Changes

N9RV	154
N2IC	150
NO3M	144
N5DX	142
W9RE	136
K4RO	126
N5KO	119
N4AF	112
N4OGW	108
N2NT	106
N5RZ	106

Top 10 QRP

<i>Call Sign</i>	<i>Score</i>	<i>Bnd Chgs Qs Lost</i>		<i>00Z</i>	<i>01Z</i>	<i>02Z</i>	<i>03Z</i>
NN7SS	5,320	5	7	49	38	30	23
KEØTT	5,304	2	10	22	41	40	33
K8CN	3,850	6	9	42	35	26	7
NA4K	1	0	0	1	0	0	0

Team Scores

1. Ad Hoc Contesters	2. Northern California Contest Club #1	3. North Coast & Mad River	4. Southern California Contest Club
N2IC 16,330	N6TV 15,134	NO3M 15,510	N6MJ 15,557
K4RO 14,993	N5KO 15,088	KW8N 12,188	N6AA 14,053
N4OGW 14,664	W6YX 14,570	K3LR 11,997	N5ZO 13,230
KØEU 14,628	AE6Y 13,005	K3UA 10,578	K6LA 12,298
N5DX 14,241	N6RO 12,690	N8EA 10,500	K6NA 11,352
W9RE 14,241	W6SX 11,180	NW2K 10,062	AC6T 10,752
N4AF 13,156	K6MR 11,094	W8WTS 8,904	K6NR 9,761
W4OC 12,645	K9YC 10,660	ND8L 8,600	NE6I 7,224
N9CK 12,420	K6SRZ 10,290	W9PA 6,600	WN6K 2,656
WØBH 10,668	AJ6V 9,922	K9NW 4,522	Total 96,883
Total 137,986	Total 123,633	Total 99,461	

Team	Operators	Score
5. DFW	N5RZ, NR5M, NM5M, WQ5L, N5QQ, W2RQ, K5CI, K5AX, KØNM, K5GQ	96,223
6. SECC	K4BAI, N4OX, WJ9B, KØEJ, WI9WI, KU8E, W4AU, K5ZM, N4IQ	89,252
7. Oregon Sprinters	N6TR, K4XU, K17Y, WS7L	41,760
8. Yankee Clippers	W1WEF, K5ZD, W1UJ, W1WBB	40,938
9. Big Sky	N9RV, K7BG, KE7X, KM7W	40,305
10. Four Guys	K5TR, KZ5D, N3BB	32,834
11. Gunslingers	AA7V, W9CF, NG7Z, N9NA	29,836
12. NCCC#2	W6RGG, NA6O, NN7SS, K6XX, K6CSL	26,079
13. SMC Star Trek	NØAX, K9KM, WW9R, WT2P, W9DCA	22,422
14. GMCC	WØETT, KTØA	18,704

Guest Ops

AC6T (@W6RFU)	N6AN (@W6UE)
K1IMI (N4CW)	NN7SS (K6UFO)
K5TR (K5OT)	NR5M (K5GA)
KC1ETA (NN1N)	W1A (K1KI)
N5KO (@W6NL)	W6YX (N7MH)

There will be two changes in the rules for 2017. The multiplier list is being expanded to make it more consistent with the NAQP. Hawaii will now count as a multiplier, as will DC and all Canadian provinces. Also, the limit on team size has been reduced from 10 to 5 members.

For team registration, use the *NCJ* Web page, www.ncjweb.com. Submit logs to cwsprint@kkn.net or use the log submission form on the *NCJ* website. **Logs are due 7 days after the contest!** Final scores are typically posted within 2 weeks of the contest on the *NCJ* website and announced on the CQ-contest mail reflector.

Check out the Web resources at www.kkn.net/n6tr/sprint.html, and rules, records and previous results on the *NCJ* website, www.ncjweb.com. The CQ-contest mail reflector is also a great place to ask questions about this contest. The contesting Wiki has useful information too, at http://wiki.contesting.com/index.php/Operating_the_sprints.

Soapbox

Sorry I don't sprint very well, but I try. — *K6CSL*

It has been a long time since I got in a Sprint; it was fun but not my favorite. — *K6NR*

Lots of activity. As always, thanks for your copy of my QRP out there. Bands were in good shape, with 20 being long, 40 open about everywhere, 80 good most places

coast to coast. Had a good run! — *KEØTT*

Thursday evening Sprints have helped immensely. Many were on the Thursday of this week, wish more would participate regularly. — *KW8N*

Stayed late on 20 and 40 due to high noise level on 80. Spent the last hour or so there blowing out my ears. 300 Qs dangled tantalizingly within reach. But once the loud guys were in the log the noise reality set in. Now I wish I'd been pushing myself harder in the first 2 hours. Poor motivation and big result are not compatible. Had fun keying with the best on the bands. — *N6AN*

Quite a struggle. Heard VE1 once, but couldn't work him. —

As good of conditions as you could expect. — *N9RV*

I was tired from helping all day at a local bike ride, and I didn't have the heart to kick the DXers off the second radio, so I used one radio, and the secondary antennas. Occasionally, I had to switch bands or wait when they were running the amp on my contest band. We got along pretty well. Since I shake out the bugs every Thursday night in NS RTTY, all the shack equipment is working. I lowered my expectations from "full throttle" to "enjoyable time." Nice to hear the familiar calls, and nice to dance some couplets. Some great ears, some alligators, many smooth Qs, a few jumbled messes (sorry!). The High Power gang ruled, Low Power dashed around the edges, QRPers just tried to avoid getting stomped. The usual chaos and craziness. Great fun! Band conditions seemed very good until I hit 80. I had a great first hour of 50 Qs on 20 QRP! Then the slide; 40 pretty

good but when I finally dared to try 80m, QRP couldn't cut it yet. I slunk back to 40 and tried later. — *NN7SS*

Stopped short because of a thunderstorm. — *VE3KI*

Had a bad band decoder relay, so 40 often showed 7000 and sometimes 7025. — *WØBH*

Thanks for all the QSOs. Especially thanks for the patience of the guys that dug my signal out on 80, where I was using a 40 meter dipole. — *WØDB*

Activity was down during this September event for a second year...after rebound with lots of stations in the most recent Winter Sprint earlier this year. Conflicts with WAE SSB Contest and others — time to move to a better weekend? Even with less activity I still cracked 7000 points for the first time...working every mult I heard, except KP4/KB7Q, helped! Total of 43 mults is a personal best — 11 of them were the only station representing that section. Midwest thunderstorms seemed to keep 80 meter QSOs down, affecting final hour. Too many unanswered CQs on 40 and 80 late in contest. A bit of tweaking of Sprint macros here still needed. Was still a lot of fun as always! — *W1WBB*

Again, paper logs, manual sending, 40 and 80 meter dipole antennas used. And had to leave for a volunteer EMS job with 40 minutes to go, as I worked N3DXX for final QSO and multiplier. Back in February! — *W2RQ*

Thanks to K6TD for the use of his fine station. — *W6RGG*

Great band conditions and pretty good activity — a lot of fun for 4 hours. — *W9RE*

Scoring Summary (new records in bold)

Call Sign	Name	QTH	20	40	80	QSO	Mlt	Score	Bnd Chgs	Team	Call Sign	Name	QTH	20	40	80	QSO	Mlt	Score	Bnd Chgs	Team
W1WEF	JACK	CT	91	97	78	266	45	11,970	2	Yankee Clippers	AJ6V	ED	CA	107	96	39	242	41	9,922	2	NCCC#1
K5ZD	RANDY	MA	101	101	61	263	44	11,572	2	Yankee Clippers	K6NR	DANA	CA	96	71	60	227	43	9,761	2	SCCC
W1UJ	*JAY	MA	70	102	55	227	45	10,215	101	Yankee Clippers	W6RGG	BOB	CA	97	65	47	209	42	8,778	2	NCCC#2
K1IMI	BERT	ME	71	100	56	227	43	9,761	2		NA6O	GARY	CA	65	99	20	184	41	7,544	2	NCCC#2
W1WBB	*BILL	RI	63	62	42	167	43	7,181	7	Yankee Clippers	NE6I	DENNIS	CA	76	92	0	168	43	7,224	9	SCCC
K1AR	JOHN	NH	14	59	52	125	40	5,000	3		K6LRN	*DICK	CA	57	65	40	162	41	6,642	2	
W1A	TOM	VT	0	85	42	127	37	4,699	2		K6XX	*BOB	CA	38	38	38	114	34	3,876	2	NCCC#2
K8CN	**MIKE	NH	45	55	10	110	35	3,850	6		WN6K	*PAUL	CA	24	51	8	83	32	2,656	6	SCCC
KC1ETA	*DAVE	CT	0	25	5	30	19	570	2		KM6Z	*VLAD	CA	79	0	0	79	31	2,449	0	
											K6CSL	*BERT	CA	12	19	2	33	17	561	2	NCCC#2
											W4EF	*MIKE	CA	0	0	6	6	3	18	0	
N2NT	ANDY	NJ	96	119	88	303	46	13,938	106		N9RV	PAT	MT	116	127	98	341	48	16,368	154	Big Sky
N2NC	JOHN	NJ	96	102	67	265	45	11,925	6		N6TR	TREE	OR	108	115	87	310	45	13,950	48	Oregon Sprinters
NW2K	DEAN	NY	59	91	84	234	43	10,062	2	NCC & MRRC	K7BG	*MATT	MT	97	101	62	260	46	11,960	6	Big Sky
W2RQ	BILL	NJ	56	97	61	214	46	9,844	4	DFW	AA7V	STEVE	AZ	94	88	71	253	44	11,132	6	Gunslingers
NE2V	*JAM	NJ	11	16	39	66	31	2,046	5		WJ9B	WILL	ID	74	113	75	262	42	11,004	10	SECC
N03M	TY	PA	99	130	101	330	47	15,510	144	NCC & MRRC	K4XU	*DICK	OR	72	104	74	250	43	10,750	16	Oregon Sprinters
N3QE	TIM	MD	89	97	97	283	45	12,735	15		W9CF	*KEVIN	AZ	75	90	47	212	43	9,116	4	Gunslingers
K3LR	TIM	PA	80	107	92	279	43	11,997	8	NCC & MRRC	K17Y	JIM	OR	80	80	49	209	42	8,778	2	Oregon Sprinters
K3UA	*PHIL	PA	67	89	90	246	43	10,578	2	NCC & MRRC	NG7Z	*PAUL	AZ	85	83	33	201	43	8,643	2	Gunslingers
N3AD	ALAN	PA	84	65	67	216	42	9,072	60		KE7X	*FRED	MT	57	84	60	201	42	8,442	8	Big Sky
N3SD	*GREG	PA	30	45	58	133	38	5,054	2		WS7L	CARL	OR	65	91	46	202	41	8,282	9	Oregon Sprinters
K4RO	KIRK	TN	96	119	104	319	47	14,993	126	Ad Hoc	K5ZM	IAN	OR	62	60	35	157	37	5,809	2	SECC
K4BAI	JOHN	GA	106	110	90	306	45	13,770	2	SECC	NN7SS	*BURT	WA	63	70	7	140	38	5,320	5	NCCC#2
N4AF	AL	NC	97	110	92	299	44	13,156	112	Ad Hoc	KL7SB	STEVE	AK	98	37	0	135	38	5,130	5	
W4OC	*DON	SC	93	105	83	281	45	12,645	104	Ad Hoc	KM7W	CHRIS	OR	47	54	0	101	35	3,535	1	Big Sky
N4OX	JAY	FL	101	78	83	262	44	11,528	4	SECC	K7SS	*DAN	WA	83	0	0	83	36	2,988	0	
K7SV	*LAR	VA	86	84	84	254	44	11,176	8		N9NA	JOHN	AZ	28	11	6	45	21	945	2	Gunslingers
W4IX	*JOHN	SC	94	94	62	250	44	11,000	2		KK7L	JOHN	UT	0	19	3	22	14	308	1	
KØEJ	MARK	TN	86	102	66	254	43	10,922	2	SECC	KW8N	BOB	OH	84	102	91	277	44	12,188	27	NCC & MRRC
KU8E	JEFF	GA	82	88	79	249	43	10,707	68	SECC	K8MR	JIM	OH	89	96	90	275	43	11,825	14	
N4DW	*DAVE	TN	70	72	78	220	45	9,900	23		N8EA	*JOE	MI	72	92	86	250	42	10,500	14	NCC & MRRC
W4AU	JOHN	VA	66	83	81	230	41	9,430	40	SECC	W8WTS	*JIM	OH	56	89	67	212	42	8,904	87	NCC & MRRC
N4IQ	BILL	SC	43	48	48	139	38	5,282	35	SECC	ND8L	RAY	OH	62	68	70	200	43	8,600	2	NCC & MRRC
KY4F	*DOUG	AL	0	48	61	109	39	4,251	1		K9NW	*MIKE	OH	42	77	0	119	38	4,522	5	NCC & MRRC
K3IE	*HUNTER	TN	6	35	40	81	35	2,835	2		AF8A	*GARY	OH	0	49	0	49	20	980	0	
NA4K	**STEVE	TN	1	0	0	1	1	1	0		W9RE	MIKE	IN	86	119	98	303	47	14,241	136	Ad Hoc
N2IC	STEVE	NM	122	138	95	355	46	16,330	150	Ad Hoc	N9CK	*STEVE	WI	76	107	93	276	45	12,420	81	Ad Hoc
N5RZ	GATOR	TX	108	129	84	321	47	15,087	106	DFW	W19WI	JIM	WI	62	95	83	240	45	10,800	3	SECC
N4OGW	TOR	MS	92	119	101	312	47	14,664	108	Ad Hoc	W9PA	*DAVE	IN	40	71	54	165	40	6,600	2	NCC & MRRC
N5DX	KEVIN	AR	87	123	93	303	47	14,241	142	Ad Hoc	K9KM	*HOWIE	IL	23	79	47	149	39	5,811	4	SMC Star Trek
K5TR	GEO	TX	99	101	91	291	48	13,968	96	Four Guys	W9WR	*PAT	WI	24	48	18	90	33	2,970	2	SMC Star Trek
KZ5D	ART	LA	94	106	83	283	48	13,584	80	Four Guys	WT2P	CJ	IL	15	70	0	85	31	2,635	1	SMC Star Trek
NR5M	GEO	TX	91	108	89	288	45	12,960	93	DFW	W9DCA	*DAVE	IL	15	14	0	29	16	464	1	SMC Star Trek
NM5M	*ERIC	TX	102	101	82	285	45	12,825	2	DFW	KØEY	KEN	CO	104	119	95	318	46	14,628	102	Ad Hoc
WQ5L	*RAY	MS	93	93	68	254	45	11,430	2	DFW	KØRF	CHUCK	CO	99	112	86	297	46	13,662	94	
N5QQ	RON	TX	86	86	61	233	47	10,951	4	DFW	NAØN	*PAT	MN	77	103	75	255	44	11,220	85	
K5CI	LEO	TX	76	84	67	227	43	9,761	12	DFW	WØBH	BOB	KS	82	89	83	254	42	10,668	24	Ad Hoc
K5AX	*TOM	TX	78	88	43	209	45	9,405	3	DFW	ABØS	TIM	KS	69	97	80	246	43	10,578	2	
N5TJ	JEFF	TX	54	98	7	159	42	6,678	4		NØAX	*WARD	MO	75	99	77	251	42	10,542	76	SMC Star Trek
N3BB	JIM	TX	96	43	0	139	38	5,282	68	Four Guys	KØAD	*AL	MN	78	82	79	239	44	10,516	42	
KØNM	NIZ	TX	29	54	12	95	32	3,040	5	DFW	WØET	*KEN	CO	73	83	70	226	44	9,944	5	GMCC
N5XZ	ALLEN	TX	81	0	0	81	37	2,997	0		KTØA	GARY	SD	81	84	54	219	40	8,760	3	GMCC
K5GQ	*MARK	TX	0	40	0	40	23	920	0	DFW	KEØTT	*DAN	MN	45	60	31	136	39	5,304	2	
KM5PS	*JOHN	AR	13	0	5	18	11	198	1		WØDB	*JOE	NE	56	64	5	125	34	4,250	2	
N6MJ	DAN	CA	118	125	88	331	47	15,557	2	SCCC	NØAC	*BILL	CO	31	68	0	99	33	3,267	2	
N6TV	BOB	CA	114	132	76	322	47	15,134	105	NCCC#1	WGØM	*MIKE	MN	32	35	14	81	31	2,511	8	
N5KO	TREY	CA	104	133	91	328	46	15,088	119	NCCC#1	KØOU	*STEVE	MO	9	6	3	18	11	198	2	
W6YX	MIKE	CA	119	113	78	310	47	14,570	72	NCCC#1	N9HDE	*SCOTT	IA	21	0	0	21	8	168	0	
N6AA	DICK	CA	110	109	80	299	47	14,053	4	SCCC	VE7JH	*GABOR	BC	72	84	41	197	44	8,668	2	
N5ZO	MARKO	CA	98	118	78	294	45	13,230	64	SCCC	VE3YT	*VIC	ON	53	56	64	173	40	6,920	4	
AE6Y	ANDY	CA	109	103	77	289	45	13,005	74	NCCC#1	VE3KI	RICH	ON	87	43	0	130	37	4,810	1	
N6RO	KEN	CA	91	117	74	282	45	12,690	49	NCCC#1	VE3EJ	JOHN	ON	35	38	0	73	25	1,825	1	
N6AN	REX	CA	117	101	68	286	44	12,584	2		KP4/KB7Q	GENE	BC	63	64	13	140	38	5,320	6	
K6LA	KEN	CA	109	106	71	286	43	12,298	34	SCCC	WH6YH	*MIKE	KH6	20	24	5	49	24</			