



ARRL November Sweepstakes Phone 2016 Results

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Listen harder!

Conditions, conditions...

Phone Sweepstakes this time around was rough. With sunspot numbers at less than half of 2015's levels, and more than five times lower than in 2013, band conditions just plain sucked. Participation, scores, records, clean sweeps, and almost any other measure you can imagine took a significant hit compared to the recent past. But, in the true spirit of contesting, the community rose to the challenge, **listened harder**, tweaked their strategies and tactics, and put another successful SS in the books.

There were 1,626 logs submitted (down from 1,826 last year) with a combined total of 400k QSOs (down from 509k last year). Once again, the leading category was Single-Operator, Low-Power (SOLP), with 687 entries. In a slight departure from tradition, but perhaps a sign of the times (more folks preferring to use internet spotting networks?), this year there were more Single-op Unlimited, High Power (SOUHP) than Single-op, High Power (SOHP). Figure 1 below shows the distribution of logs in each of the categories.

2016 Phone Sweepstakes Distribution of Logs per Category

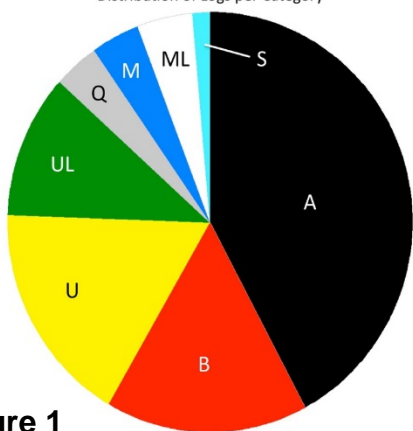


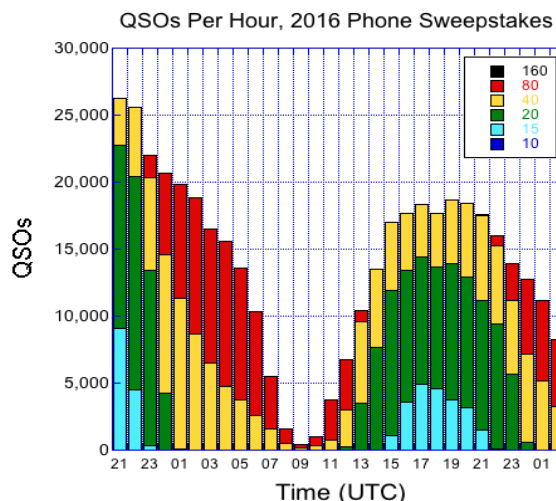
Figure 1

Propagation conditions were significantly worse than in any of the past five years. Many ops noted weak signals and high noise levels that made it difficult to copy stations regardless of band. **Listen harder!**

Lack of sustained openings on 15- and 20-meters forced many participants to rely heavily on 40 and 80, even during daylight hours.

Figure 2 shows the number of QSOs on each band for each hour of the contest. Of particular note is the heavy use of 40 meters throughout the second day and the very low QSO counts on 10- and 15-meters.

Figure 2



Remarkably, there were just 16 (yes, SIXTEEN) QSOs reported on 10 meters! The 40-meter band “went long” early, forcing many folks to move to 80-meters, which turned out to be the “money band” for several of the Top Ten finishers in the East and Midwest. Stations farther to the west, especially the higher-power entries, had their best success on 20-meters, and to a lesser extent 15, but many Easterners used those bands strictly as multiplier hunting grounds. As you’d expect, stations in the other regions had QSOs-per-band distributions somewhere in between those extremes, and the results are depicted for each region on the next page in Figure 3.

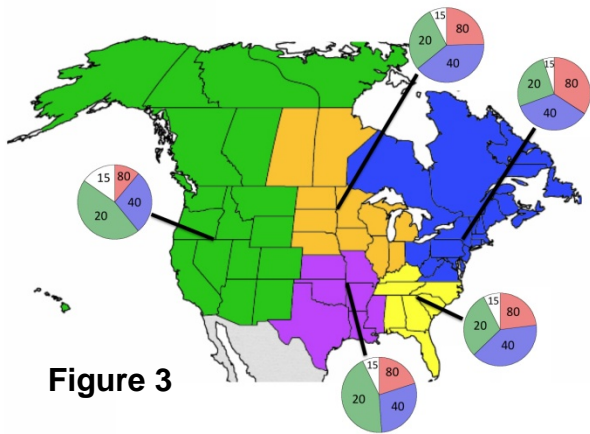


Figure 3

Average Top Ten scores declined across the board, with low-power categories suffering noticeably more than high-power. This was likely due to the limited availability of openings on the higher bands, where smaller stations could have been more competitive given better conditions. Table 1 shows a comparison of results for 2015 and 2016.

Table 1 - Comparison of 2015 and 2016 Results

Category (Precedence)	2016 Average Top Ten Score	2015 Average Top Ten Score	Net Change
SOHP (B)	305,471	308,312	-0.92%
SOLP (A)	151,628	208,148	-27.15%
SOQRP (Q)	44,424	56,041	-20.73%
SOUHP (U)	262,214	273,385	-4.09%
SOULP (U)	137,748	149,848	-8.07%
MOHP (M)	252,486	272,340	-7.29%
MOLP (M)	132,936	159,945	-16.89%
SCHOOL (S)	62,549	88,638	-29.43%

In another sign of the times, Clean Sweeps numbered just 162, significantly fewer than 2015's 296.

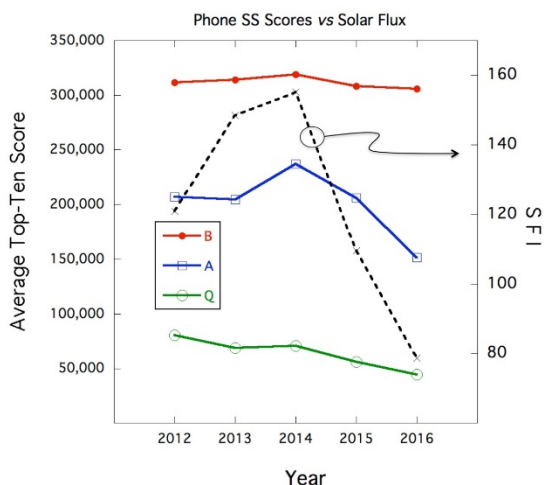


Figure 4

The yearly variation in scores is tightly correlated to solar activity. A graph (Figure 4) of the past five years' November solar flux (SFI) average (source: www.solarham.net/averages.htm) and the average Top Ten scores in each of the SOHP, SOLP, and SOQRP categories shows much the same trend as Table 1. The low-power and QRP numbers are extremely sensitive to the SFI, while high-power stations seem much less affected.

Accuracy Matters

The Sweepstakes exchange has five distinct elements, none of which is a "gimme" (like "59"), and all of which must be received and logged correctly to get credit for a QSO. The League's log-checking regimen is thorough – mistakes are virtually always discovered. In fact, there were several operators who moved into or out of the Top Ten score boxes during the log checking process due to accuracy. Any operator who completes hundreds of QSOs while maintaining a low error rate deserves special mention, so we present below our Accuracy Honor Roll (those stations with an error rate of 1.0% or less and more than 400 QSOs). It is interesting that last year's list contained 36 entries, while only 17 appear this year – a decline much larger, proportionally, than the overall reduction in log submissions. That would indicate, as discussed elsewhere in this report, that propagation conditions played a large (negative) role not only quantitatively, but qualitatively as well. *Listen harder!*

Table 2 – Accuracy Honor Roll

Call	Category	QSOs	Error Rate (%)
NWØM	SOULP	415	0.0
WØSD (WØDB, op)	SOHP	1,762	0.5
VA7RR	SOLP	1,255	0.7
K6TU	SOUHP	971	0.7
W7ZRC	SOULP	529	0.7
N8PCN	SOUHP	430	0.7
N3FJP	SOUHP	412	0.7
NØHJZ	SOLP	699	0.8
AE7AP	SOLP	488	0.8
N4ZZ	SOULP	1,262	0.9
K9WZB	SOLP	908	0.9
W2ID	SOLP	693	0.9
N4CW	SOHP	528	0.9
K3MM	SOUHP	1,323	1.0
KØTT	SOHP	946	1.0
W1LX	SOHP	621	1.0
WA2CP	SOHP	493	1.0

Around the Categories

Single-Op, High Power (SOHP)

Perhaps more so here than in any other category, the SOHP category usually has more than its fair share of shake-up during the log checking process. In addition to a few minor position swaps this time, one station dropped out of the Top Ten and another one moved into the Top Ten. That's a lot of movement.

However, the #1 position didn't change after log checking! George, K5TR, last won this contest in 1994 as a guest operator at W5KFT. Since then, he's had an impressive number of appearances in the Top Ten box, has put together an equally impressive station of his own, and has recently guest-operated throughout the west. This time, his 37th consecutive year in phone SS, he stayed home and piloted his STX station to victory. He ran out of operating time with more than an hour left in the contest and then "tortured myself listening to N9RV reel me in. He'll probably have fewer errors and win the contest." It indeed was very close, with W7WA (Dan in WWA) and N9RV (Pat in MT) only 13 and 20 QSOs behind, respectively.

Much of the rest of the Top Ten is pretty familiar (NR5M, K6NA/N6ED, AA5B, WØSD/WØDB, K5TA, and WC6H) and all situated in the western half of the country. But then there's K9PW operating at NC1I in Western Massachusetts! Says Pete, "It's certainly a surprise to be in the Top Ten again. Did you know that in the past 40 SSB Sweepstakes, the only station to finish in the top 10 high power (unassisted) from New England is NC1I? This will be the third time for NC1I in eight attempts. I've always enjoyed SS since my first one back in 1974. Already looking forward to next year!"

Top Ten – Single-Op, High Power (SOHP)

Call	Score	QSOs	Mults	Sec	Error (%)
K5TR	345,114	2,079	83	STX	3.0
W7WA	342,956	2,066	83	WWA	1.8
N9RV	341,794	2,059	83	MT	2.0
NR5M	312,910	1,885	83	STX	2.1
K6NA (N6ED, op)	301,290	1,815	83	SDG	1.9
AA5B	295,646	1,781	83	NM	1.8
WØSD (WØDB, op)	292,492	1,762	83	SD	0.5
K5TA	277,552	1,672	83	NM	1.1
NC1I (K9PW, op)	274,044	1,671	82	WMA	1.4
WC6H	270,912	1,632	83	SJV	4.3

Single-Op, Low Power (SOLP)

This was, as usual, the most popular category, with 687 logs submitted, almost 2.5 times more than any other, but down by more than a hundred from last year, or about 14%. A more astonishing statistic, however, is the dramatic reduction in scores. This year's top entry would have placed 6th in 2015, and would not have made the 2014 Top Ten at all!

Just three stations from 2015 returned to the TT listing this year – Gary, VA7RR, who finally did not have to compete against KP4 or KH6 (or N2IC!), won it all this time, with the only 200k+ score in the category, even though he missed Delaware. Kudos to Gary for a superb 0.7% error rate — obviously he *listened harder*! K3UA, bucking the low-scoring trend, actually beat his last year's score, and moved up from #8 to a strong second place, using a simple low dipole. K9WZB also rose in the rankings, from #6 to #4. Many of the other call signs are familiar from previous years, as this is a well-established category with a strong tradition.

Top Ten – Single-Op, Low Power (SOLP)

Call	Score	QSOs	Mults	Sec	Error (%)
VA7RR	205,820	1,255	82	BC	0.7
K3UA	190,236	1,146	83	WPA	2.4
N8II	173,802	1,047	83	WV	2.1
K9WZB	150,728	908	83	AZ	0.9
WR3R	150,552	918	82	MDC	2.9
WS9V	139,440	840	83	IL	2.0
N1DD	129,276	798	81	EMA	4.9
WD5K	128,740	785	82	NTX	1.6
WN6K	125,550	775	81	SDG	6.3
N7MZW	122,134	773	79	WY	2.1

It is interesting to note that the Top Ten is split evenly – five stations in the East/Midwest, and five in the West. As an indicator of the vast differences in propagation between regions, a check of the QSOs/band listing within the Top Ten shows a black-and-white distinction between the two. An easy way to display the disparity is to compare the sum of QSOs on 80 meters to those made on 15, per region:

80-meters: East = 2,218; West = 425

15-meters: East = 185; West = 807

That is, the East made more than five times as many 80-meter contacts as the West, while the West outpaced the East on 15-meters by a factor of more than four. It all seemed roughly to balance out in the end, however, with the West taking spots 1, 4, 8, 9, and 10, and the East filling it out with positions 2, 3, 5, 6, and 7. In the next few years, if solar activity continues to decline, will this

category become dominated by easterners? It's time to get creative.

Single-Op, QRP (SOQRP)

QRP contesting, especially during challenging conditions, brings out the more creative/adaptive instincts in the participants -- there is no "right" or "wrong" way to approach the task at hand. That concept is well illustrated by the contrast in techniques between the top two finishers in this category.

Top Ten – Single-Op, QRP (SOQRP)

Call	Score	QSOs	Mults	Sec	Error (%)
VE6EX	63,688	419	76	AB	4.7
NDØC	58,712	358	82	MN	0.3
N5EE	52,320	327	80	AR	1.5
NK8Q	50,720	317	80	WPA	0.6
N1CC	48,664	308	79	NTX	1.3
K3TW	41,736	282	74	NFL	2.1
N8OQ	40,736	268	76	VA	2.2
W4IM	30,800	200	77	VA	2.9
N3UR	29,394	207	71	MDC	1.9
K2GMY	27,472	202	68	EB	0.5

Dan, VE6EX, says he "concentrated on running" and didn't worry about multiplier hunting. He also appreciates being in a semi-rare section, and as such counts on being spotted on the networks, attracting callers looking for a new one. Dan was a little lucky, in that 15-meters was open long enough for several good run sessions – in fact more than half of his total contacts were worked on that band alone. True to the strategy, he finished with just 76 sections, but a 61-QSO advantage over the Number 2 entry pushed his score into first place by 8.5%.

On the other end of the see-saw, Randy, NDØC in Minnesota, took the opposite approach. With only eighteen 15-meter QSOs, he had to spend most of the contest slugging it out on the lower bands, where it is very difficult for a QRP station to establish a run frequency. As he posted on 3830, "...the vast majority of my QSOs were S&P which is really wearing after a while." Spending that much time tuning, however, allowed Randy to discover some rare sections before they got spotted and attracted a big crowd. He ended up with 82 multipliers, the most of anyone in the QRP category. The one he missed was PR, which he says he never heard. He seems to have taken that as a motivation, as he mused on 3830, "My wife is in favor of going to KP4 next year to activate it. It sure be fun to run from there!"

Randy's "really wearing" comment appears to apply to everyone in this category – not a single QRP station in the official result table shows up as having operated the entire 24-hour period. Make a note for next year, people: "Butt In Chair. Make Top Ten." (Sit harder? – Ed.)

Multiop, High Power (MH)

The order of finish in the MH category this year is almost unchanged from that posted on 3830 (www.3830scores.com) right after the contest. The crew at W6YI finished on top once again (that's 10 in row now, for those of you keeping score at home), outdistancing their closest rivals (K4OV in NC) by almost a hundred QSOs. This category's Top Ten has pretty good geographical diversity, with two stations on the West Coast, four on the East Coast, and the other four ranging from WTX through OH.

The two-man crew at K4OV noted "Saturday night was a fun romp on 40m and 80m. Sunday felt like more of a slog than usual, but 15m was surprisingly productive to the Rockies and West on Sunday afternoon." However, the guys at WØNO in Kansas made absolutely no QSOs on 10- and 15-meters, proclaiming "10 & 15 meters RIP."

Top Ten – Multiop, High Power (MH)

Call	Score	QSOs	Mults	Sec	Error (%)
W6YI	324,530	1,955	83	SV	2.7
K4OV	310,254	1,869	83	NC	3.4
WØNO	262,446	1,581	83	KS	4.6
W1XX	256,470	1,545	83	RI	3.5
NW6P	243,688	1,468	83	SCV	3.5
N5ZC	236,882	1,427	83	WTX	3.4
NV9L	233,728	1,408	83	IL	1.2
K55Z/VY2	222,938	1,343	83	MAR	5.9
N3OC	217,626	1,311	83	MDC	2.6
ND8DX	216,298	1,303	83	OH	1.4

The "last multiplier" stories are often interesting. NW6P in SCV "sweated over Santa Barbara because it is so close to us and we hadn't gotten it on 40 or 80 Saturday evening. We persevered through a large pileup to work our first SB on 20-meter backscatter Sunday morning. Then 4 more called in during the day on 20 and 40. But the funniest moment of the contest was when W1PR called in from SB for the 4th of the 5 we eventually worked. I remarked 'Santa Barbara, really?' to which he replied "yes, and I need Santa Clara Valley." This must be the first time in decades of SS that I've been a rare mult in SCV."

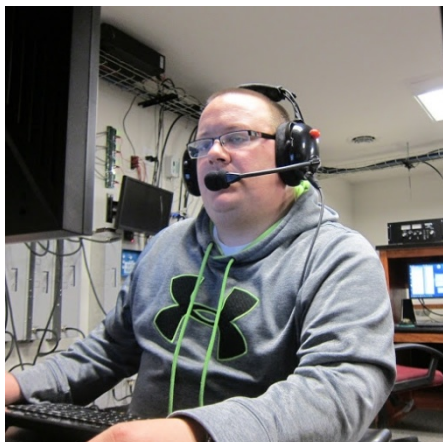
Multiops are sometimes set up only to be competitive, sometimes only to serve as training grounds. N5ZC in West Texas was both: “After building the station over the last couple years it was finally ready for a multi-op operation. Doug - W9PN, Adair - KD5DYP and Jeremy - W5JTC did a great job operating. Other than the conditions, the biggest challenge for the guys was learning how the station worked and learning how to use N1MM Logger. I consider this operation as a training mission for new contest ops and I was very pleased with the results.”

Single-Op Unlimited, High Power (SOUHP)

Randy, KØEU, repeated atop the category with a comfortable 80-QSO margin. Also repeating in the Top Ten were N8OO, VE6SV (VE4GV, op), W7RN (WX5S, op), W1SJ, and K9CT.

Randy noted that “things went great for the first four hours. I was only 10 QSOs behind last year at the four hour mark, but I fell behind by 60 Qs at the 8 hour mark, and behind by 110 Qs at the 12 hour mark. In the end, it looks like the rate was consistently down by about 10 percent this year compared to last. I think the main reason was 40-meter conditions. There seemed to be a lot of quick QSB, making it tough to get the exchange info from weaker stations. In fact, there were quite a number of stations that were just too weak to pull through.”

Ryan, KB9OWD, operated from WE9V’s station and had over a thousand QSOs on 40 meters (wow!), but it wasn’t without issues. “Forty was LONG early on Saturday, and the band acted strange throughout the evening. It would go short, then long and reverse several times. I struggled the first night to get anything going on 80 and stuck with 40 for the most part. Both evenings, 40 and 80 had periods of deep QSB here. Some QSOs were lost as stations faded during the exchange to never return. I pushed straight through until 0815Z Saturday night and then slept for 3 1/2 hours.” (Photo courtesy – Ryan Klavekoske, KB9OWD)



In Vermont, W1SJ started the contest on 20 meters but “after 30 minutes it was obvious that 20 meters wasn’t working out. Even on a clear frequency I was simply not getting very many answers to my CQs. I felt like I was running low power! I tried 40 meters for a while and it was better, but not by much. So, I made a quick escape to 80 meters, the money band for me.” It was a good move - he ended up with over 700 QSOs on 80 meters, and a spot in the Top Ten.

Top Ten – Single-Op Unlimited, High Power (SOUHP)

Call	Score	QSOs	Mults	Sec	Error (%)
KØEU	303,946	1,831	83	CO	2.2
N8OO	290,832	1,752	83	LA	2.4
VE6SV (VE4GV, op)	290,002	1,747	83	AB	2.1
W7RN (WX5S, op)	276,888	1,668	83	NV	3.8
WE9V (KB9OWD, op)	258,296	1,556	83	WI	2.2
NØKK (@NØAT)	246,344	1,484	83	MN	1.7
W1SRD	243,024	1,464	83	SV	1.9
W1SJ	239,040	1,440	83	VT	3.1
W6YX (N7MH, op)	237,878	1,433	83	SCV	1.4
K9CT	235,886	1,421	83	IL	1.7

School Club Station (S)

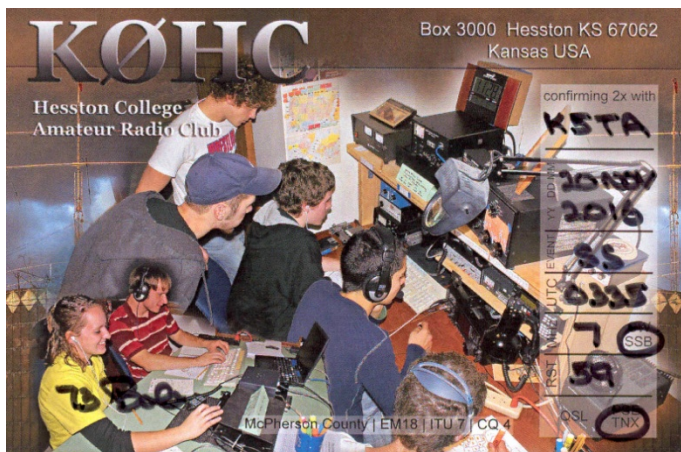
Though not quite on the same level as March Madness or the BCS/CFP, the School Club competition in Phone SS is still pretty lively. The Top Ten box this year includes representatives from the likes of Georgia Tech, Harvard, University of Maryland, Purdue, Case, and Alabama, but it was the Hesston College (KØHC) station that came away with the win – by a whopping 100 kilo-point margin!

Top Ten – School Club (S)

Call	Score	QSOs	Mults	Sec	Error (%)
KØHC	195,880	1,180	83	KS	1.5
W4AQL	95,472	612	78	GA	1.4
W1AF	63,200	400	79	EMA	4.7
W3EAX	61,074	377	81	MDC	1.3
W9YB	46,494	287	81	IN	3.9
W8EDU	44,850	299	75	OH	5.9
W4UAL	34,182	211	81	AL	1.9
WØEEE	32,320	202	80	MO	9.7
W1YK	27,702	171	81	WMA	7.8
W9JWC	24,320	160	76	IL	7.8

Says Trustee Bob, WØBH, “Our 2016 Hesston College ARC Sweepstakes team included three aviation students (Tyler, Amos, Ryuki) and two computer science students (Yedidiya, Ryan), all unlicensed. We got in a number of good practice sessions including the California QSO Party before the big weekend, and the practice paid off. Team logging worked great, and both Tyler and Ryan even ‘soloed’ the station as others kept track of the

Sweep. The students really appreciated those of you who took time to encourage them, and special thanks to those of you who slowed down or repeated things for us when needed.”



Single-Operator Unlimited, Low Power (SOULP)

Being relatively new (the category was introduced in 2011), SOULP has yet to attract and hold traditional, year-after-year “regulars” that appear repeatedly in the results of the more-established categories like SOLP, SOHP, and SOQRP. In fact, only three stations in this year’s SOULP Top Ten appeared in the 2015 list. Last year’s category winner W4LT dropped to number five due in large part to equipment problems. His Internet connection was down for nearly half of the contest, limiting his ability to find multipliers quickly, causing him to miss a clean sweep for the first time in six years. WB2P moved in the other direction, rising from a tie for 5th place in 2015 to a strong 2nd this year. He commented that this was the first time he tried to spend more time running than searching and pouncing. That strategy seems to have worked. W7ZRC also returned to the Top Ten, sporting an excellent error rate of 0.7%.

Top Ten – Single-Op Unlimited, Low Power (SOULP)

Call	Score	QSOs	Mults	Sec	Error (%)
N4ZZ	209,492	1,262	83	TN	0.9
WB2P	196,876	1,186	83	SNJ	2.7
K2DRH	188,244	1,134	83	IL	2.6
KØUK	175,130	1,055	83	CO	3.5
W4LT	155,358	959	81	WCF	3.3
KK7AC	101,924	614	83	AZ	1.3
KØNEB	98,936	596	83	NE	1.3
W7ZRC	86,756	529	82	EWA	0.7
VE4DXR	83,582	529	79	MB	1.9
N9SD	81,180	495	82	WI	2.7

This year’s number 1 was N4ZZ from Tennessee, the winner of SOULP in BOTH modes and the only entrant to post a score above 200k. Interestingly, that beat the top SOLP score by seven QSOs and one multiplier. The top stations in this category concentrated heavily on the lower bands. N4ZZ made 1,166 of his 1,262 QSOs on 80-and 40-meters, while working just 8 stations on 15-meters and 88 on 20-meters. WB2P had a slightly higher 20-meter total, but just 16 Qs on 15-meters, all of which were new multipliers. That is likely indicative of efficient use of the spotting network for chasing sections, while staying active on a higher-rate run band. (Photo courtesy – Don Binkley, N4ZZ)



K2DRH earned 3rd place in this category operating for 23 hours, while KØUK took 4th in just 22 hours. Scores dropped off sharply after Number 5 – the 10th-place total was just 39% of the top score this year, compared to 66% last year. Way, way up on the tower at right (which is dedicated mainly to 6-meter antennas) is a 2-element 40-meter beam and a 6-element tribander that K2DRH put to good use, finishing at 3rd place in SOULP. (Photo courtesy – Bob Striegl, K2DRH)



Multioperator, Low Power (ML)

Like SOULP, the ML category was introduced in 2011, and doesn’t yet have a core of consistent, recurring top scorers. Just two stations, K7IR and WZ8P, appear in both last year’s and this year’s Top Ten, swapping the 1st and 3rd positions this go-round. The crew at K7IR bested their previous effort by 18%, and beat WZ8P’s winning

2015 score by 12%, setting a new all-time category record in the process. Another solid performance, which would have been good enough to win a year ago, was turned in by the Georgia group at WW4LL, coming in at number 2. W8TK and NX6T round out the Top 5.

Top Ten – Multiop, Low Power (ML)

Call	Score	QSOs	Mults	Sec	Error (%)
K7IR	226,756	1,366	83	EWA	2.9
WW4LL	212,480	1,280	83	GA	4.2
WZ8P	162,182	977	83	OH	3.5
W8TK	151,392	912	83	AZ	4.2
NX6T	107,892	666	81	SDG	3.0
NØFCD	101,426	611	83	IL	2.1
VE3MGY	98,750	625	79	ONS	1.9
N2GZ	96,114	579	83	CT	2.7
W1QK	87,412	533	82	CT	6.5
K3JD	84,960	531	80	DE	2.0

After their record-breaking performance, team K7IR took an unusual step – they designed, printed, and (snail-) mailed a special paper Sweepstakes QSL card for every one of their QSOs.

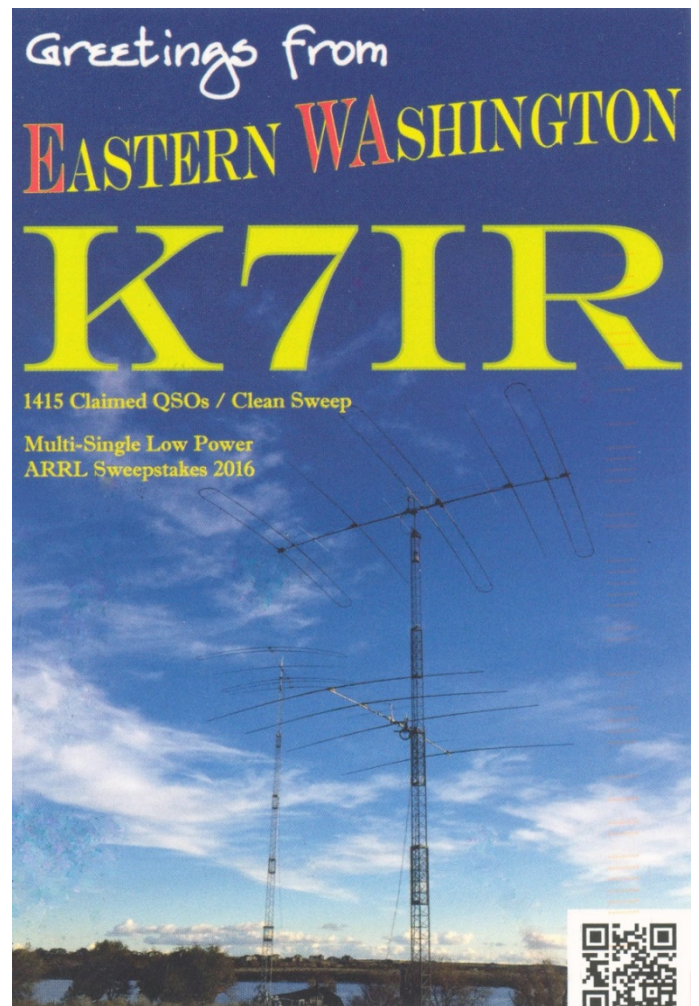
“It was Brian’s (N9ADG) idea to QSL everybody we worked as a show of fraternity,” said Mike, K7IR. (Brian (right) and John WA7IR are shown in the photo below.) “Year after year I hear so many familiar calls and it is such a warm feeling, just like a yearly family reunion.

SS seems to be one of those contests people do as a ‘tradition’ and that is certainly the case for us.” When asked



whether they were following the advice of W9IOP from the 1960s, Mike was non-committal, but replied, “Now if it gets us more QSOs as W9IOP had posited we will have an even bigger smile on our faces!” Good luck in 2017, guys. (Photo courtesy — Mike Mertel, K7IR)

For those of you who didn’t “get” the W9IOP reference, Larry LeKashman was a top contester in the 1950s and 1960s who loved Sweepstakes. In an article in *DX Magazine* dated 2-November-1960 entitled “How to Beat the Winners,” he offered the following advice for SS participants, much of which, it can be argued, is still valid today:



Getting Known as a Factor

Operating consistently through the years will give you an advantage over new competition. Your call becomes well known and you develop a certain comradeship with a substantial number of amateurs who “expect” to work you every year. These stations are not, in most instances, out for large scores and will go out of the way to affect a QSO with you, including waiting patiently if you are busy with a run of contacts. Additionally, you retain a surprisingly large number of calls in your subconscious and can correctly pick out a station from pretty improbable mess. Reading a call book won’t be the least bit of help, but operating in a half dozen or so contests will give you a library of “regulars” that become easier to identify and work.

Despite the effort involved, it is a good policy to try to QSL each Sweepstakes contact at least every few years. It is a courtesy for one thing . . . it increases your identity factor with everyone receiving a card . . . and, if you have some pattern to your cards, it gives the gang another reason to want to contact. For example, through the years I have had a cartoon-type card drawn for me

by my friend, W7ESJ. They are clever and have been much in demand. You can readily see why.



An example of a W9IOP “cartoon-type” SS QSL card from 1963 – read more about Larry at hamgallery.com/Tribute/W8IOP.

Dual-Mode High Flyers

The CW and SSB contests are separate, but there are a lot of operators who go out of their way not only to participate but also to do well in both. These call signs show up in the Top Ten boxes for both modes this year:

N9RV, W7RN, NR5M, K5TR, W0SD, W0DB, N8OO, W6YX, W7MH, W1QK, K0EU, K9CT, N4ZZ, W6YI, NX6T, K0HC, W4UAL, W1AF, and W8EDU.

Club Competition

In order to make sure the club competition results are accurate and fair to all, and to combat any shenanigans with the entries (post-contest category shopping, limiting numbers of entries in the club, etc.), the ARRL Contest Branch is renewing its effort to help clubs comply with the rules. Specifically, the ARRL instituted a new system for club officers to post their rosters before the contest starts. You can read about it at www.arrl.org/contest-club-tools. By making the club data public and open for inspection, everyone can be more confident that the results are accurate and fairly enforced.

Congratulations to this year’s winners:

- **Potomac Valley Radio Club** – *Unlimited Category (>50 entries, ≤175-mile radius)*
- **Mother Lode DX/Contest Club** – *Medium Category (≤50 entries, ≤175-mile radius)*
- **Pizza Lovers 259** – *Local Category (≤10 entries, ≤35-mile radius)*

Affiliated Club Competition

Club	Score	Entries
Unlimited		
Potomac Valley Radio Club	14,628,396	247
Society of Midwest Contesters	8,390,900	166
Yankee Clipper Contest Club	4,660,342	90
Minnesota Wireless Assn	4,361,126	106
Frankford Radio Club	3,594,456	52
Medium		
Mother Lode DX/Contest Club	4,296,446	44
Arizona Outlaws Contest Club	3,222,630	47
Southern California Contest Club	3,204,280	41
Florida Contest Group	2,805,300	46
DFW Contest Group	2,623,152	35
Mad River Radio Club	2,311,372	36
Northern California Contest Club	2,248,116	48
Contest Club Ontario	2,213,744	48
Western Washington DX Club	1,785,512	21
Tennessee Contest Group	1,623,970	27
Big Sky Contesters	1,518,522	21
Grand Mesa Contesters of Colorado	1,507,680	16
Radiosport Manitoba	1,273,876	12
Kentucky Contest Group	1,252,798	22
Alabama Contest Group	1,237,756	17
Kansas City Contest Club	1,141,708	11
Hudson Valley Contesters and DXers	1,043,952	17
Redwood Empire DX Assn	975,172	17
Orca DX and Contest Club	951,852	13
Central Texas DX and Contest Club	899,054	11
South East Contest Club	761,372	14
Georgia Contest Group	730,482	10
North Texas Contest Club	729,256	9
Niagara Frontier Radiosport	629,982	17
North Coast Contesters	622,724	9
CTRI Contest Group	597,756	8
Willamette Valley DX Club	509,192	16
Utah DX Association	454,492	7
Northeast Maryland Amateur Radio Contest Society	407,574	14
Saskatchewan Contest Club	336,814	3
Mississippi Valley DX/Contest Club	300,336	6
Rochester (NY) DX Assn	271,906	8
Louisiana Contest Club	265,484	4
Contest Group du Quebec	261,792	8
South Jersey Radio Assn	202,834	10
Order of Boiled Owls of New York	162,856	5
Texas DX Society	147,780	3
Carolina DX Association	139,960	6
Radio Club of Redmond	128,540	4
Swamp Fox Contest Group	107,436	4
Motor City Radio Club	54,450	4

Local

Pizza Lovers 259	1,809,218	10
New Mexico Big River Contesters	1,038,512	7
Sussex County ARC	648,336	9
Midland ARC	589,768	6
Radio Amateurs of Northern Vermont	429,664	5
Panhandle DX and Contest Club	325,938	3
Bristol (TN) ARC	229,370	7
West Park Radiops	182,352	8
Michigan State University ARC	161,890	3
Mt Vernon (OH) ARC Contesters	159,352	4
L'anse Creuse ARC	148,164	4
Maritime Contest Club	142,212	6
Hilltop Transmitting Assn	136,630	5
All Amateur Radio Club	134,388	3
Delara Contest Team	95,036	4
Skyview Radio Society	91,248	5
West Allis RAC	61,296	3
Milford (OH) ARC	61,056	4
Portage County Amateur Radio Service	57,314	5
Metro DX Club	54,686	4
NorDX Club	53,694	4
W/K ARC of Greater Milwaukee	52,876	3
Rappahannock Valley Amateur Radio Club	50,784	3
Sierra Foothills ARC	44,524	5
Clark County Amateur Radio Club	33,700	3
Alexandria Radio Club	30,746	3
Meriden ARC	29,860	4
Southern Berkshire ARC	29,562	5
Spokane DX Association	29,378	3
Wayne County Amateur Radio Club	28,660	3
Sunday Creek Amateur Radio Federation	27,234	3
Stanwood Camano Amateur Radio Club	23,346	3
Nanaimo Amateur Radio Association	17,088	3
Peterborough Amateur Radio Club	15,356	3
Pamlico Amateur Radio Society, LTD	14,802	5
Bergen ARA	10,384	4

A Note About the Rules

The posted rules seem clear to most operators, but there are always some whose interpretation is, well, innovative. This year, the most violated rule involved the elements of the exchange. Here's the exact rule:

“The required exchange consists of (1) a consecutive serial number, (2) precedence (Q/A/B/U/M/S), **(3) your call sign**, (4) check (2-digit year), and (5) ARRL/RAC Section. For example: K1AAA would respond to W1AW's call by sending: W1AW 123 B K1AAA 71 CT, which indicates QSO number 123, B for Single Op High Power, K1AAA, first licensed in 1971, and in the Connecticut section.”

Despite the clarity of those couple of sentences, many folks repeatedly left out their call sign in order to speed up the exchange. It's an understandable gaff for casual or inexperienced operators who are just jumping in to make a few contacts, but not for others who are vying for the

top positions. Leaving out any element of the exchange is not okay, and is grounds for disqualification.

See You In November!

What surprises will the bands bring in 2017's edition of Phone Sweepstakes? Will 10- and 15-meters show more life? Will 40 stay solid all night? Will there be a surge in participation, scores, and fun? Tune in on November 18-20 and find out!

2016 November Sweepstakes – Sponsored Plaque Winners

Winner	Division	Plaque Category	Plaque Sponsor
CW			
N9RV	Overall	Single Operator High Power CW	Trey Garlough, N5KO
K7BG	Overall	Single Operator Low Power CW	Radiosport Manitoba - VE4VV Memorial
KP2M (W2GD, op)	Overall	Single Operator QRP CW	Icom America
KØEU	Overall	Single Operator Unlimited High Power CW	Icom America
N4ZZ	Overall	Single Operator Unlimited Low Power CW	Icom America
K5GO	Overall	Multioperator High Power CW	Icom America
N2IC	Overall	Multioperator Low Power CW	Icom America
KØHC (WØBH, op)	Overall	School Club CW	Icom America
AA3B	Atlantic Division	Single Operator High Power CW	Icom America
K3UA	Atlantic Division	Single Operator Low Power CW	Icom America
WR3R	Atlantic Division	Single Operator QRP CW	Icom America
WR3Z	Atlantic Division	Single Operator Unlimited High Power CW	Icom America
N3HEE	Atlantic Division	Single Operator Unlimited Low Power CW	Icom America
W3LL	Atlantic Division	Multioperator High Power CW	Icom America
W2FU	Atlantic Division	Multioperator Low Power CW	Icom America
W3YI	Atlantic Division	School Club CW	Icom America
W9RE	Central Division	Single Operator High Power CW	Icom America
K9UIY	Central Division	Single Operator Low Power CW	Icom America
N9SE	Central Division	Single Operator QRP CW	Sean Kutzko, KX9X
K9CT	Central Division	Single Operator Unlimited High Power CW	Icom America
AJ9C	Central Division	Single Operator Unlimited Low Power CW	Icom America
W9YK	Central Division	Multioperator High Power CW	Icom America
KK9V	Central Division	Multioperator Low Power CW	Icom America
K9IU (K7JOE, op)	Central Division	School Club CW	Icom America
WØSD (WØDB, op)	Dakota Division	Single Operator High Power CW	Minnesota Wireless Association
NAØN @WØZT	Dakota Division	Single Operator Low Power CW	Minnesota Wireless Association
NØUR	Dakota Division	Single Operator QRP CW	Tod Olson, KØTO (SK)
NØAT (NØKK, op)	Dakota Division	Single Operator Unlimited High Power CW	Minnesota Wireless Association
KØMPH	Dakota Division	Single Operator Unlimited Low Power CW	Minnesota Wireless Association
N4OGW	Delta Division	Single Operator High Power CW	Icom America
N5EE	Delta Division	Single Operator Low Power CW	Icom America
WF7T	Delta Division	Single Operator QRP CW	Icom America
W4NZ	Delta Division	Single Operator Unlimited High Power CW	Icom America
N4ZZ	Delta Division	Single Operator Unlimited Low Power CW	Icom America
K5GO	Delta Division	Multioperator High Power CW	Icom America
N4FR	Delta Division	Multioperator Low Power CW	Icom America
K1LT	Great Lakes Division	Single Operator High Power CW	Icom America
W1NN	Great Lakes Division	Single Operator Low Power CW	Icom America
KT8K	Great Lakes Division	Single Operator QRP CW	Icom America
N4QS	Great Lakes Division	Single Operator Unlimited High Power CW	Icom America
K8BKM	Great Lakes Division	Single Operator Unlimited Low Power CW	Icom America
W8SH	Great Lakes Division	School Club CW	Icom America
N2NT (N2NC, op)	Hudson Division	Single Operator High Power CW	Icom America
W2LK	Hudson Division	Single Operator Low Power CW	Icom America
WS2E	Hudson Division	Single Operator QRP CW	Icom America
W2VQ	Hudson Division	Single Operator Unlimited High Power CW	Icom America
K2DFC	Hudson Division	Single Operator Unlimited Low Power CW	Icom America
AB2DE	Hudson Division	Multioperator High Power CW	Icom America
NSØR	Midwest Division	Single Operator High Power CW	Icom America
N7WY	Midwest Division	Single Operator Low Power CW	Icom America
NØAX	Midwest Division	Single Operator QRP CW	Icom America
NØXR @NØNI	Midwest Division	Single Operator Unlimited High Power CW	Icom America
KØVBU	Midwest Division	Single Operator Unlimited Low Power CW	Icom America
ABØS	Midwest Division	Multioperator High Power CW	Icom America
KB5ENP	Midwest Division	Multioperator Low Power CW	Icom America



KØHC (WØBH, op)	Midwest Division	School Club CW	Icom America
K5ZD	New England Division	Single Operator High Power CW	Icom America
K1TR	New England Division	Single Operator Low Power CW	Icom America
W1QK	New England Division	Single Operator QRP CW	Icom America
W1SJ	New England Division	Single Operator Unlimited High Power CW	Icom America
KM1X	New England Division	Single Operator Unlimited Low Power CW	Icom America
N1QD	New England Division	Multioperator High Power CW	Icom America
W1FM	New England Division	Multioperator Low Power CW	Icom America
W1AF	New England Division	School Club CW	Icom America
N9RV	Northwestern Division	Single Operator High Power CW	Icom America
K7BG	Northwestern Division	Single Operator Low Power CW	Icom America
W7YAQ	Northwestern Division	Single Operator QRP CW	Icom America
W7KF	Northwestern Division	Single Operator Unlimited High Power CW	Icom America
K7QA	Northwestern Division	Single Operator Unlimited Low Power CW	Icom America
K7RI	Northwestern Division	Multioperator High Power CW	Icom America
KL4SD	Northwestern Division	Multioperator Low Power CW	Icom America
W7RN (N6TV, op)	Pacific Division	Single Operator High Power CW	Icom America
K7GK @W6JZH	Pacific Division	Single Operator Low Power CW	Icom America
W6JTI	Pacific Division	Single Operator QRP CW	Icom America
KH6NF	Pacific Division	Single Operator Unlimited High Power CW	Icom America
K6JS	Pacific Division	Single Operator Unlimited Low Power CW	Icom America
N6ZFO	Pacific Division	Multioperator High Power CW	Icom America
WØCN	Roanoke Division	Single Operator High Power CW	Potomac Valley Radio Club
W4AAA (KK9A, op)	Roanoke Division	Single Operator Low Power CW	Icom America
K4QPL	Roanoke Division	Single Operator QRP CW	Icom America
N1LN	Roanoke Division	Single Operator Unlimited High Power CW	Icom America
W4MPS	Roanoke Division	Single Operator Unlimited Low Power CW	Icom America
W4RM	Roanoke Division	Multioperator High Power CW	Icom America
WU4NC	Roanoke Division	Multioperator Low Power CW	Icom America
N7NG (N6TR, op)	Rocky Mountain Division	Single Operator High Power CW	Icom America
KØAV @WØDLE	Rocky Mountain Division	Single Operator Low Power CW	Icom America
KRØU	Rocky Mountain Division	Single Operator QRP CW	Icom America
KØEU	Rocky Mountain Division	Single Operator Unlimited High Power CW	Icom America
WØZA	Rocky Mountain Division	Single Operator Unlimited Low Power CW	Icom America
N2IC	Rocky Mountain Division	Multioperator Low Power CW	Icom America
NX4N	Southeastern Division	Single Operator High Power CW	Icom America
NP3A	Southeastern Division	Single Operator Low Power CW	Icom America
KP2M (W2GD, op)	Southeastern Division	Single Operator QRP CW	Icom America
N4BP	Southeastern Division	Single Operator Unlimited High Power CW	Icom America
WP3Q (KB7Q, opp)	Southeastern Division	Single Operator Unlimited Low Power CW	Icom America
AD4ES	Southeastern Division	Multioperator High Power CW	Icom America
W4UAL	Southeastern Division	School Club CW	Icom America
K6LA	Southwestern Division	Single Operator High Power CW	Icom America
W9CF @K8IA/N7RQ	Southwestern Division	Single Operator Low Power CW	Icom America
N7IR	Southwestern Division	Single Operator QRP CW	Icom America
K6LL	Southwestern Division	Single Operator Unlimited High Power CW	Icom America
K6PO	Southwestern Division	Single Operator Unlimited Low Power CW	Icom America
W6YI	Southwestern Division	Multioperator High Power CW	Icom America
NX6T	Southwestern Division	Multioperator Low Power CW	Icom America
NR5M (K5GA, op)	West Gulf Division	Single Operator High Power CW	Icom America
W8FN	West Gulf Division	Single Operator Low Power CW	Icom America
K5NZ	West Gulf Division	Single Operator QRP CW	Icom America
W5NE	West Gulf Division	Single Operator Unlimited High Power CW	Icom America
N5ZC	West Gulf Division	Single Operator Unlimited Low Power CW	Icom America
K5CM	West Gulf Division	Multioperator Low Power CW	Icom America
VE7AAA (KL7SB, op)	Canada Division	Single Operator High Power CW	Icom America
VE3KI	Canada Division	Single Operator Low Power CW	Icom America
VE6EX	Canada Division	Single Operator QRP CW	Icom America
VE7CC	Canada Division	Single Operator Unlimited High Power CW	Icom America
VE5MX	Canada Division	Single Operator Unlimited Low Power CW	Icom America
VE4EA	Canada Division	Multioperator Low Power CW	Icom America

PHONE

K5TR	Overall	Single Operator High Power Phone	Dan Henderson, N1ND
VA7RR	Overall	Single Operator Low Power Phone	ARRL Contest Branch - Ken Adams, K5KA Memorial
VE6EX	Overall	Single Operator QRP Phone	Icom America
KØEU	Overall	Single Operator Unlimited High Power Phone	Icom America
N4ZZ	Overall	Single Operator Unlimited Low Power Phone	Icom America
W6YI	Overall	Multioperator High Power Phone	Icom America
K7IR	Overall	Multioperator Low Power Phone	Icom America
KØHC (WØBH, op)	Overall	School Club Phone	Robert Tuttle, N8YXR & Jennie Tuttle, KCØRBV
KD4D	Atlantic Division	Single Operator High Power Phone	Icom America
K3UA	Atlantic Division	Single Operator Low Power Phone	Potomac Valley Radio Club
NK8Q	Atlantic Division	Single Operator QRP Phone	Icom America
K3MM	Atlantic Division	Single Operator Unlimited High Power Phone	Icom America
WB2P	Atlantic Division	Single Operator Unlimited Low Power Phone	Icom America
N3OC	Atlantic Division	Multioperator High Power Phone	Icom America
K3JD	Atlantic Division	Multioperator Low Power Phone	Icom America
W3EAX (K3TN, op)	Atlantic Division	School Club Phone	Icom America
K9BGL	Central Division	Single Operator High Power Phone	Icom America
WS9V	Central Division	Single Operator Low Power Phone	Icom America
WO9S	Central Division	Single Operator QRP Phone	Sean Kutzko, KX9X
WE9V (KB9OWD, op)	Central Division	Single Operator Unlimited High Power Phone	Icom America
K2DRH	Central Division	Single Operator Unlimited Low Power Phone	Icom America
NV9L	Central Division	Multioperator High Power Phone	Icom America
NØFCD	Central Division	Multioperator Low Power Phone	Icom America
W9YB	Central Division	School Club Phone	Icom America
WØSD (WØDB, op)	Dakota Division	Single Operator High Power Phone	Minnesota Wireless Association
NØHJZ	Dakota Division	Single Operator Low Power Phone	Minnesota Wireless Association
NDØC	Dakota Division	Single Operator QRP Phone	Tod Olson, KØTO
NØKK @NØAT	Dakota Division	Single Operator Unlimited High Power Phone	Minnesota Wireless Association
KØMPH	Dakota Division	Single Operator Unlimited Low Power Phone	Tod Olson, KØTO
WXØND	Dakota Division	Multioperator High Power Phone	Minnesota Wireless Association -In Memory of Jim Dokmo, KØFVF
N7IV	Dakota Division	Multioperator Low Power Phone	Minnesota Wireless Association
KØVVY	Dakota Division	School Club Phone	Tod Olson, KØTO
KØEJ	Delta Division	Single Operator High Power Phone	Icom America
NA4K	Delta Division	Single Operator Low Power Phone	Icom America
N5EE	Delta Division	Single Operator QRP Phone	Icom America
N8OO	Delta Division	Single Operator Unlimited High Power Phone	Icom America
N4ZZ	Delta Division	Single Operator Unlimited Low Power Phone	Icom America
W5JJ	Delta Division	Multioperator High Power Phone	Icom America
NO5F	Delta Division	Multioperator Low Power Phone	Icom America
W5YM	Delta Division	School Club Phone	Icom America
K8AO	Great Lakes Division	Single Operator High Power Phone	Icom America
N4RZ	Great Lakes Division	Single Operator Low Power Phone	Icom America
KA8SMA	Great Lakes Division	Single Operator QRP Phone	Icom America
W8MJ	Great Lakes Division	Single Operator Unlimited High Power Phone	Icom America
KD4SN	Great Lakes Division	Single Operator Unlimited Low Power Phone	Icom America
ND8DX	Great Lakes Division	Multioperator High Power Phone	Icom America
WZ8P	Great Lakes Division	Multioperator Low Power Phone	Icom America
W8EDU	Great Lakes Division	School Club Phone	Robert Tuttle, N8YXR & Jennie Tuttle, KCØRBV
KD2RD	Hudson Division	Single Operator High Power Phone	Icom America
W2ID	Hudson Division	Single Operator Low Power Phone	Icom America
NA2AA	Hudson Division	Single Operator QRP Phone	Icom America
W2GDJ	Hudson Division	Single Operator Unlimited High Power Phone	Icom America
K2DFC	Hudson Division	Single Operator Unlimited Low Power Phone	Icom America
NO2K	Hudson Division	Multioperator High Power Phone	Icom America
NY6DX	Hudson Division	Multioperator Low Power Phone	Icom America
KØVXU	Midwest Division	Single Operator High Power Phone	Icom America

N7WY	Midwest Division	Single Operator Low Power Phone	Icom America
KØESE	Midwest Division	Single Operator QRP Phone	Icom America
NØXR @NØNI	Midwest Division	Single Operator Unlimited High Power Phone	Icom America
KØNEB	Midwest Division	Single Operator Unlimited Low Power Phone	Icom America
WØNO	Midwest Division	Multioperator High Power Phone	Icom America
NØPVZ	Midwest Division	Multioperator Low Power Phone	Icom America
KØHC (WØBH, op)	Midwest Division	School Club Phone	Icom America
NC1I (K9PW, op)	New England Division	Single Operator High Power Phone	Icom America
N1DD	New England Division	Single Operator Low Power Phone	Icom America
W1TW	New England Division	Single Operator QRP Phone	Icom America
W1SJ	New England Division	Single Operator Unlimited High Power Phone	Icom America
W1HS	New England Division	Single Operator Unlimited Low Power Phone	Icom America
W1XX	New England Division	Multioperator High Power Phone	Icom America
N2GZ	New England Division	Multioperator Low Power Phone	Icom America
W1AF	New England Division	School Club Phone	Icom America
W7WA	Northwestern Division	Single Operator High Power Phone	Icom America
N7XU (K4XU, op)	Northwestern Division	Single Operator Low Power Phone	Icom America
NE4RD	Northwestern Division	Single Operator QRP Phone	Icom America
K7CF	Northwestern Division	Single Operator Unlimited High Power Phone	Icom America
W7ZRC	Northwestern Division	Single Operator Unlimited Low Power Phone	Icom America
K7RI	Northwestern Division	Multioperator High Power Phone	Icom America
K7IR	Northwestern Division	Multioperator Low Power Phone	Icom America
WL7CXM (KL7DG, op)	Northwestern Division	School Club Phone	Icom America
WC6H	Pacific Division	Single Operator High Power Phone	Icom America
W6US	Pacific Division	Single Operator Low Power Phone	Icom America
K2GMY	Pacific Division	Single Operator QRP Phone	Icom America
W7RN (WX5S, op)	Pacific Division	Single Operator Unlimited High Power Phone	Icom America
K6GHA	Pacific Division	Single Operator Unlimited Low Power Phone	Icom America
NW6P	Pacific Division	Multioperator High Power Phone	Icom America
WØCN	Roanoke Division	Single Operator High Power Phone	Icom America
N8II	Roanoke Division	Single Operator Low Power Phone	Icom America
N8OQ	Roanoke Division	Single Operator QRP Phone	Icom America
W4MYA	Roanoke Division	Single Operator Unlimited High Power Phone	Icom America
N4CF	Roanoke Division	Single Operator Unlimited Low Power Phone	Icom America
K4OV	Roanoke Division	Multioperator High Power Phone	Icom America
KF3N	Roanoke Division	Multioperator Low Power Phone	Icom America
K4KDJ (KK4BSM, op)	Roanoke Division	School Club Phone	Icom America
AA5B	Rocky Mountain Division	Single Operator High Power Phone	Icom America
N7MZW	Rocky Mountain Division	Single Operator Low Power Phone	Icom America
N1XIH (GWØNVN, op)	Rocky Mountain Division	Single Operator QRP Phone	Icom America
KØEU	Rocky Mountain Division	Single Operator Unlimited High Power Phone	Icom America
KØUK	Rocky Mountain Division	Single Operator Unlimited Low Power Phone	Icom America
W5MPZ	Rocky Mountain Division	Multioperator Low Power Phone	Icom America
K4PV	Southeastern Division	Single Operator High Power Phone	Icom America
K1KNQ	Southeastern Division	Single Operator Low Power Phone	Icom America
K3TW	Southeastern Division	Single Operator QRP Phone	Icom America
K5KG	Southeastern Division	Single Operator Unlimited High Power Phone	Icom America
W4LT	Southeastern Division	Single Operator Unlimited Low Power Phone	Icom America
N4FCG	Southeastern Division	Multioperator High Power Phone	Icom America
WW4LL	Southeastern Division	Multioperator Low Power Phone	Icom America
W4AQL	Southeastern Division	School Club Phone	Icom America
K6NA (N6ED, op)	Southwestern Division	Single Operator High Power Phone	Icom America
K9WZB	Southwestern Division	Single Operator Low Power Phone	Icom America
KK6ABZ	Southwestern Division	Single Operator QRP Phone	Icom America
KO7SS	Southwestern Division	Single Operator Unlimited High Power Phone	Icom America
KK7AC	Southwestern Division	Single Operator Unlimited Low Power Phone	Icom America
W6YI	Southwestern Division	Multioperator High Power Phone	Icom America
W8TK	Southwestern Division	Multioperator Low Power Phone	Icom America
W6RFU (W6AAF, op)	Southwestern Division	School Club Phone	Icom America

K5TR	West Gulf Division	Single Operator High Power Phone	Icom America
WD5K	West Gulf Division	Single Operator Low Power Phone	Icom America
N1CC	West Gulf Division	Single Operator QRP Phone	Icom America
WBØTEV	West Gulf Division	Single Operator Unlimited High Power Phone	Icom America
K5KJ	West Gulf Division	Single Operator Unlimited Low Power Phone	Icom America
N5ZC	West Gulf Division	Multioperator High Power Phone	Icom America
KD5C	West Gulf Division	Multioperator Low Power Phone	Icom America
KF5CRF	West Gulf Division	School Club Phone	Icom America
VE4VT	Canada Division	Single Operator High Power Phone	Icom America
VA7RR	Canada Division	Single Operator Low Power Phone	Icom America
VE6EX	Canada Division	Single Operator QRP Phone	Icom America
VE6SV (VE4GV, op)	Canada Division	Single Operator Unlimited High Power Phone	Icom America
VE4DXR	Canada Division	Single Operator Unlimited Low Power Phone	Icom America
KS5Z/VY2	Canada Division	Multioperator High Power Phone	Icom America
VE3MGY	Canada Division	Multioperator Low Power Phone	Icom America
VE9UNB	Canada Division	School Club Phone	Icom America

Regional Leaders

SOHP = Single Operator, High Power; SOLP = Single Operator, Low Power; SOQRP = Single Operator, QRP; SOUHP = Single Operator Unlimited, High Power; SOULP = Single Operator Unlimited, Low Power; MSHP = Multioperator, Single Transmitter, High Power; MSLP = Multioperator, Single Transmitter, Low Power; S = School Club														
West Coast Region			Midwest Region			Central Region			Southeast Region			Northeast Region		
Pacific, Northwestern, and Southwestern ARRL Divisions; Alberta; British Columbia, and NT RAC Sections			Dakota, Midwest, Rocky Mountain and West Gulf ARRL Divisions; Manitoba and Saskatchewan RAC Sections			Central and Great Lakes ARRL Divisions; Greater Toronto Area, Ontario East, Ontario North, and Ontario South RAC Section			Delta, Roanoke, and Southeastern ARRL Divisions			New England, Hudson and Atlantic ARRL Divisions; Maritime and Quebec RAC Sections		
Call	Score	Cat	Call	Score	Cat	Call	Score	Cat	Call	Score	Cat	Call	Score	Cat
W7WA	342,956	SOHP	K5TR	345,114	SOHP	VE3YT	164,492	SOHP	K4PV	199,034	SOHP	NC1I (K9PW, op)	274,044	SOHP
N9RV	341,794	SOHP	NR5M	312,910	SOHP	K8AO	163,134	SOHP	WØCN	170,240	SOHP	KD4D	223,768	SOHP
K6NA (N6ED, op)	301,290	SOHP	AA5B	295,646	SOHP	K9BGL	162,560	SOHP	K4NV	161,850	SOHP	AF1T	208,703	SOHP
WC6H	270,912	SOHP	WØSD (WØDB, op)	292,492	SOHP	ND4Y	134,626	SOHP	KP2XX	160,800	SOHP	KD2RD	193,600	SOHP
NR6Q	205,578	SOHP	K5TA	277,552	SOHP	N8CWU	133,464	SOHP	KØEJ	115,344	SOHP	W1WMU	191,388	SOHP
VA7RR	205,820	SOLP	WD5K	128,740	SOLP	WS9V	139,440	SOLP	N8II	173,802	SOLP	K3UA	190,236	SOLP
K9WZB	150,728	SOLP	N7MZW	122,134	SOLP	K9ZO	120,376	SOLP	K1KNQ	119,556	SOLP	WR3R	150,552	SOLP
WN6K	125,550	SOLP	VE5SF	118,026	SOLP	WT9U	115,520	SOLP	NA4K	82,792	SOLP	N1DD	129,276	SOLP
N7XU (K4XU, op)	109,062	SOLP	NØHJZ	111,840	SOLP	N4RZ	110,160	SOLP	NP2X (K9VV, op)	81,648	SOLP	W2ID	108,108	SOLP
WA6FGV	82,384	SOLP	N7WY	88,614	SOLP	KY4DR	92,462	SOLP	KB1RI	66,150	SOLP	N2HMM	95,520	SOLP
VE6EX	63,688	SOQRP	NDØC	58,712	SOQRP	KA8SMA	25,984	SOQRP	N5EE	52,320	SOQRP	NK8Q	50,720	SOQRP
K2GMY	27,472	SOQRP	N1CC	48,664	SOQRP	WB8LZG	17,920	SOQRP	K3TW	41,736	SOQRP	N3UR	29,394	SOQRP
W6XK	14,022	SOQRP	WAØMHJ	21,804	SOQRP	WO9S	12,420	SOQRP	N8OQ	40,736	SOQRP	K2NV	21,528	SOQRP
WB6CZG	9,312	SOQRP	N1XIH (GWØNVN, op)	19,456	SOQRP	VA3MYC	7,084	SOQRP	W4IM	30,800	SOQRP	NA2AA	18,980	SOQRP
KK6ABZ	8,134	SOQRP	KF5SOU	11,648	SOQRP	W9VQ	5,712	SOQRP	W4DCS	12,084	SOQRP	K2QQ	5,208	SOQRP
VE6SV (VE4GV, op)	290,002	SOUHP	KØEU	303,946	SOUHP	WE9V (KB9OWD, op)	258,296	SOUHP	N8OO	290,832	SOUHP	W1SJ	239,040	SOUHP
W7RN (WX5S, op)	276,888	SOUHP	NØKK (@NØAT)	246,344	SOUHP	K9CT	235,886	SOUHP	W4MYA	204,678	SOUHP	K3MM	219,618	SOUHP
W1SRD	243,024	SOUHP	NØXR (@NØNI)	234,890	SOUHP	VE3CX	185,422	SOUHP	N1LN	146,412	SOUHP	N2MM	211,816	SOUHP
W6YX (N7MH, op)	237,878	SOUHP	K1KD	216,464	SOUHP	W8MJ	157,464	SOUHP	K4GMH	115,536	SOUHP	WB4FDT (@W3LPL)	188,928	SOUHP
K6EZ (KX7M, op)	203,516	SOUHP	WBØTEV	189,738	SOUHP	N2BJ	139,482	SOUHP	K2WK	100,264	SOUHP	AB3CX	183,264	SOUHP
KK7AC	101,924	SOUHP	KØUK	175,130	SOUHP	K2DRH	188,244	SOUHP	N4ZZ	209,492	SOUHP	WB2P	196,876	SOUHP
W7ZRC	86,756	SOUHP	KØNEB	98,936	SOUHP	N9SD	81,180	SOUHP	W4LT	155,358	SOUHP	K2DFC	78,518	SOUHP
K6GHA	78,020	SOUHP	VE4DXR	83,582	SOUHP	W9PA	79,376	SOUHP	N4CF	44,044	SOUHP	KC2LRC	76,194	SOUHP
KD6WKY	69,372	SOUHP	K5KJ	70,028	SOUHP	VE3PJ	70,650	SOUHP	WB4OMM	32,400	SOUHP	N2SQW	56,744	SOUHP
WA6KHK	64,616	SOUHP	NWØM	68,890	SOUHP	K9WX	70,200	SOUHP	N4VA	32,033	SOUHP	N3TD	46,904	SOUHP
W6YI	324,530	MSHP	WØNO	262,446	MSHP	NV9L	233,728	MSHP	K4OV	310,254	MSHP	W1XX	256,470	MSHP
NW6P	243,688	MSHP	N5ZC	236,882	MSHP	ND8DX	216,298	MSHP	NN3W	194,884	MSHP	K5SZ/VY2	222,938	MSHP
W1RH	191,398	MSHP	WXØND	177,620	MSHP	K8CC	200,196	MSHP	W5JJ	189,406	MSHP	N3OC	217,626	MSHP
K7RI	186,750	MSHP	NØMA	174,134	MSHP	WD9CIR	186,086	MSHP	N4FCG	159,580	MSHP	K1KP	182,600	MSHP
N6WM	167,328	MSHP	N3BBQ	137,780	MSHP	W8PR	135,956	MSHP	N8VCF	127,820	MSHP	K3AJ	172,474	MSHP
K7IR	226,756	MSLP	KD5C	70,892	MSLP	WZ8P	162,182	MSLP	WW4LL	212,480	MSLP	N2GJ	96,114	MSLP
W8TK	151,392	MSLP	W5MPZ	54,270	MSLP	NØFCD	101,426	MSLP	KF3N	79,360	MSLP	W1QK	87,412	MSLP
NX6T	107,892	MSLP	K5LRW	31,390	MSLP	VE3MGY	98,750	MSLP	N0SF	65,902	MSLP	K3JD	84,960	MSLP
KL4SD	68,226	MSLP	N7IV	29,884	MSLP	WX4W	75,006	MSLP	W4TG	62,088	MSLP	VA2CZ	61,236	MSLP
WA6AUP	28,700	MSLP	NØPVZ	21,168	MSLP	AA9BL	53,508	MSLP	K4RC	47,840	MSLP	NY6DX	56,940	MSLP
W6RFU	17,930	S	KØHC	195,880	S	W9YB	46,494	S	W4AQL	95,472	S	W1AF	63,200	S
WL7CXM	300	S	WØEEE	32,320	S	W8EDU	44,850	S	W4UAL	34,182	S	W3EAX	61,074	S
			KØVVY	16,464	S	W9JWC	24,320	S	W5YM	11,312	S	W1YK	27,702	S
			KF5CRF	11,656	S	KR9L	10,152	S	K5LSU	11,220	S	W1YU	23,010	S
			WD5AGO	510	S	W8SH	8,832	S	K4KDJ	50	S	K2CC	3,186	S