

ARRL RTTY Roundup 2017 Results By Jeff Stai, WK6I (wk6i.jeff@gmail.com)

Here comes Big Iron!

I've been doing this little RTTY Roundup writeup for a few years now and every year I swear that I won't lead with the lousy terrestrial and/or space weather. Unfortunately the elements once again conspired to foil my plans, in more ways than one!

Your humble correspondent can only blame the weather this year for a forced hiatus from the RTTY Roundup. After several hours spent slowly gaining the pass at Echo Summit - all other Sierra Nevada passes being completely shut down by something like 50 feet of this white scourge - I arrived back in cell phone range only to find out that the road to my mountaintop operating position at W7RN near Reno, NV was completely impassible. Even though my contest club-mates told me, "You picked a good one to miss!" there was nothing to be done but hunker down to play some Texas Holdem and drown my sorrows.



W7RN, near Virginia City, NV, was pretty much unreachable for the author. January can present stern challenges to travelers through the Sierra range. (Photo provided by Tom Taormina, K5RC)

Meanwhile, a little further south near Carson City, NV, Rick's WØPC/7 Multi Low Power team had better luck:

"The 2017 RTTY Roundup was a blast again this year. Yes, we had antenna problems that pretty much eliminated 80 meters. We made an attempt to do repairs in the blowing snow. We have operated with a simple station for the last 7 years and been able to win the Nevada Section each year and Pacific Division most years running low power. This year we had a new Icom IC-7300 on the bench. The spectrum scope made tuning in signals during our S&P time very easy... so easy we didn't need the tuning scope built into the MMTTY engine. Our 4 radio operators were: Rick Crockett WØPC, Helen Crockett ACØNF, Heiko Muench KF7STT, and Mike Russo whose home we used. We are already looking forward to next year with better antennas."



Mike Russo, N6EVG and Heiko Muench, KF7STT try their best for antenna repairs under challenging conditions. (Photo provided by Rick Crockett, WØPC)

The team at OL7M had better luck with their extreme Central EU conditions:

"...Saturday morning there were minus 25 degrees Celsius. We needed to drive our cars, but it was really hard - impossible in the some cases :) We did have a lot of fun with it. Also about 30cm of new snow made us happy... Thanks to ice and snow we did have a lot of work on wire antennas: 2 broken elements on our 10el wire yagi for 40m, torn wires on a few beverages etc. Finally everything was ready before the contest and we should enjoy it. I am afraid, condx was really poor. We started at 20m band but it was closed in 18:00 GMT. Than we moved to 40m and jumped to 80m and back. 10m band was closed all the contest and on 15m brought only a few QSOs and a few NA stations. The result was the lowest count of NA stations in last 5 years:

| YEAR | QSOs |
|------|------------------|
| 2013 | 693 QSOs with NA |
| 2014 | 682 QSOs with NA |
| 2015 | 443 QSOs with NA |
| 2016 | 515 QSOs with NA |
| 2017 | 425 QSOs with NA |



"After all it was nice contest with a few visits of Murphy, nice BBQ in minus 25°C and some vodka drinks!" (Photo provided by Pavel Prihoda, OK1MU)

Challenging cold conditions weren't limited to the great white north, as Larry, K4KGG relates:

"I contest from a club shack in a small county park on the edge of the Everglades. Sat night I was running Os on 80M with a big smile when the electricity to my location and the shack went out. Smile gone. But I figured the power would pop back on in a few minutes like usual. Not wanting to waste the downtime, I went outside to relieve myself, then returned to the now totally dark and cold shack, pulled out some water and a sandwich and stared at my laptop screen and rapidly dropping battery indicator. Some may wonder how I managed to be cold in Florida, but this was the winter's coldest night at my location with temps in the mid 40s. That's cold for a FL boy, and I didn't have the clothes for it. Now the club's UPS into which I have plugged my laptop is rapidly beeping, preparing to give up its last electron. Time to shut down my laptop. Yup. Now I'm in the dark and cold with a small LED flashlight as the only illumination. The wind that came with the cold front is howling outside the trailer which is making some strange sounds and vibrating slightly.

"The shack has a sofa, but the park doesn't allow overnight occupancy. I lie down in the dark, try to think warm, and try to forget that I am in a small trailer on the edge of a huge swamp full of wild creatures, some with large teeth. I am also in a totally dark small park, emptied of other visitors by a deputy each night. Usually I enjoy nights at the shack. There's an owl that often sits on the 6M antenna watching for mice and rabbits. He sometimes gives a loud hoot when you exit the shack. It can be startling if you don't expect it. But tonight I'm not having fun. It's cold and dark, my sandwiches are gone, I can't operate, and it's a bit creepy. "Happily, it all ends well. After an hour in the cold and dark, I decide I'm done for the night. I go home, get some sleep, some food, and return to the shack to find the power back on, the contest in full swing, and twelve hours left to run up the score. I'd have beaten your score if it weren't for the cold, dark and alligators."



Joe, KØBX enjoys using two monitors while chasing mults on 20. (Photo provided by Joe Duerbusch, KØBX)

Not everyone had weather issues. First time RTTY op Bob, N7WY, got trouble, got it fixed, got on, and got busy:

"Since my wife was away, I thought I give the RU a shot. I had to set up MMTTY with N1MM, so I started well before the RU began. I was greeted by no video passing into my station monitor. I swapped HDMI cables, swapped monitors, changed to DVI cabling, changed the video card, and still nothing. I went back to the original configuration and suddenly things were well. Because of this, I got the software set up done about 3 hours after the RU started, and found that MMTTY was sending mark and space. I got this fixed and commenced operating. Sunday morning, the PC did not want to drive the monitor again, but warmed up to it quickly. Operating 14 hours, I worked 520 stations. I've been a ham for 54 years, and this was the first time EVER I operated RTTY. My loss. Now the PC is at the local medic."

And the team operating CG7SAR (at VA7XB) found that gremlins come in all shapes and sizes, but a little attention can catch them quickly:

"Every contest is a challenge in its own way and this one was no different. The ARRL RTTY Roundup started at 10 am local time on Saturday, Jan. 7th and I took the first shift so I could be confident everything was functioning as it should before the visitors arrived. We decided to use the club callsign CG7SAR as allowed under the Canada 150 birthday rules, with the linear amplifier cranked up and the beam at full height to make the experience the most productive possible.

"All appeared under control to begin with, but very soon odd things started happening. First I noticed that the frequency on the IC-7600 wasn't tracking N1MM properly, though it was OK on the antenna controller. A shutdown and startup of N1MM rectified this glitch but it was a bad omen. Then a new issue soon became evident: much to my consternation, once the function key was pressed to launch the macro, the callsign and exchange would send repetitively and nothing would shut them off, not even the escape key.

"In desperation, thinking it might be an "RF in the shack" problem, I tightened all the ground connections and slapped on a few ferrite cores where they might do some good. Then things settled down and I began to make progress once again. By 1 pm it was Sheldon VA7XNL's shift but he immediately began having trouble too, only this time the transmitter was shutting down in the middle of contacts. Clearly, something more serious was amiss. We quickly discovered the cause ... we had a defective, over-heated 40 amp fuse on the rig runner that was causing an unacceptably large voltage drop in the power delivered to the transmitter.

"Conditions were poor. Many spotted North American stations could not be heard at all and there was virtually no DX to be heard other than a few South Americans and the occasional JA, nevertheless, it was a very fulfilling exercise and all look forward to the next challenge, the BC QSO Party on Feb 4th. Who will join the party?"



"Here's a picture of me and my station setup that shouldn't make anyone jealous." A great illustration that anyone and any station can have fun in the RTTY Roundup! (Photo by Mike Ricketts, KB9BIB)

Participation in 2017

| Yearly QSO Totals, by Band | | | | | | | |
|----------------------------|---------|---------|---------|---------|---------|--|--|
| | 2013 | 2014 | 2015 | 2016 | 2017 | | |
| 80 Meters | 79,226 | 76,006 | 67,015 | 65,133 | 83,767 | | |
| 40 Meters | 161,081 | 131,653 | 125,537 | 146,679 | 132,198 | | |
| 20 Meters | 200,106 | 169,502 | 145,994 | 191,328 | 204,498 | | |
| 15 Meters | 174,985 | 175,681 | 160,868 | 153,983 | 62,227 | | |
| 10 Meters | 42,671 | 70,580 | 95,436 | 31,850 | 5,364 | | |
| Total QSOs | 658,523 | 623,422 | 595,971 | 588,973 | 488,054 | | |

If you need any evidence of the decline in sunspots, you need only take a glance at the QSO Totals table, with 15m down and 10m being virtually non-existant. Take a look at the next table listing average 10 meter QSOs per Section, and you'll see that South Dakota topped out at only about 24 per submitted log, and it quickly dropped off from there - with many sections failing to log any.

| Average of 10 Meter QSOs, by Section | | | | | |
|--------------------------------------|--------------|--|--|--|--|
| Section | Average QSOs | | | | |
| SD | 23.88 | | | | |
| EB | 20.75 | | | | |
| SV | 16.00 | | | | |
| SJV | 13.50 | | | | |
| LA | 12.00 | | | | |
| ОК | 11.22 | | | | |
| CO | 10.40 | | | | |
| MN | 10.18 | | | | |

Overall total entries remain flat - what is it going to take to push the total over 2k? - but other than a slight shift away from Single-Op Unlimited LP to Single-Op LP, it seems like everyone is set in their category.

| 2014 to 2017 Category Choice (W/VE and DX) | | | | | | | |
|--|-------|-------|-------|-------|--|--|--|
| Category | 2014 | 2015 | 2016 | 2017 | | | |
| SOLP | 843 | 921 | 828 | 853 | | | |
| SOULP | 225 | 229 | 275 | 241 | | | |
| SOHP | 331 | 296 | 295 | 292 | | | |
| SOUHP | 254 | 258 | 290 | 273 | | | |
| MSLP | 29 | 28 | 25 | 24 | | | |
| MSHP | 40 | 48 | 44 | 45 | | | |
| Total entries | 1,722 | 1,780 | 1,757 | 1,728 | | | |

Affiliated Clubs

| Unlimited | | Entries |
|--|--------------------|----------|
| ommited | | |
| Potomac Valley Radio Club | 1,929,695 | 62 |
| Medium | | |
| | 1,879,145 | 43 |
| | 1,648,227 | 48 |
| | 1,028,575 | 45 |
| | 1,028,558 | 25 |
| Yankee Clipper Contest Club | 932,154 | 31 |
| Frankford Radio Club | 691,449 | 17 |
| Florida Contest Group | 629,407 | 14 |
| Contest Club Ontario | 534,983 | 18 |
| Tennessee Contest Group | 529,288 | 14 |
| CTRI Contest Group Southern California Contest Club | 399,746 | 5 |
| Alabama Contest Group | 384,736 | 17 12 |
| | 380,692 | |
| Carolina DX Association | 369,630 362,530 | 11 13 |
| Willamette Valley DX Club Mad River Radio Club | 362,530 345,519 | 13 11 |
| DFW Contest Group | 345,519 339,971 | 11 |
| Grand Mesa Contesters of Colorado | 339,222 | 10 |
| Kentucky Contest Group | 318,035 | 10 |
| Central Texas DX and Contest Club | 318,033 | 10 |
| Western Washington DX Club | 296,316 | 7 |
| Texas DX Society | 276,942 | 4 |
| Swamp Fox Contest Group | 252,632 | 9 |
| Louisiana Contest Club | 233,043 | 3 |
| Georgia Contest Group | 200,238 | 3 |
| Contest Group du Quebec | 152,397 | 5 |
| North Coast Contesters | 133,038 | 6 |
| Orca DX and Contest Club | 104,111 | 7 |
| South East Contest Club | 103,462 | 5 |
| Rochester (NY) DX Assn | 92,185 | 6 |
| Utah DX Association | 61,808 | 4 |
| Big Sky Contesters | 47,297 | 3 |
| Hudson Valley Contesters and DXers | 46,201 | 4 |
| Northeast MD Amateur Radio Contest Soc | 45,643 | 4 |
| Order of Boiled Owls of New York | 30,135 | 3 |
| Local | | |
| Orleans County Amateur Radio Club | 475,347 | 6 |
| Kansas City Contest Club | 294,412 | 3 |
| Niagara Frontier Radiosport | 239,459 | 7 |
| Spokane DX Association | 182,130 | 6 |
| Metro DX Club | 132,649 | 5 |
| North Carolina DX and Contest Club | 122,566 | 3 |
| Boeing Employees ARS - St. Louis | 79,920 | 4 |
| New Providence ARC | 44,317 | 3 |
| XRX AMATEUR RADIO CLUB | 17,129 | 5 |
| Hilltop Transmitting Assn | 16,159 | 4 |

A bit of a shakeup this year, which may be a result of clubs changing their contest focus from year to year. Perennial Medium club champ Potomac Valley Radio 2017 ARRL RTTY Roundup Full Resul Club clearly redoubled their focus this year, and surged to the top of Unlimited clubs uncontested. On the other hand, the perennial Unlimited Club entry, the Northern California Contest Club, took a break but still posted enough logs and scores to take the Medium Club gavel. And perennial Local Club winner, Orleans County Amateur Radio Club, continued their utter domination of the category.

| Affiliated Club Gavel Winners, 2004 to present | | | | | | |
|--|-------------------------|------|-----------|--|--|--|
| Year | Club | - | | | | |
| | Club | Logs | Score | | | |
| Unlimited | | | | | | |
| 2017 | PVRC | 62 | 1,929,695 | | | |
| 2016 | NCCC | 67 | 3,809,079 | | | |
| 2015 | Minnesota Wireless Assn | 56 | 1,891,478 | | | |
| 2014 | NCCC | 65 | 3,202,878 | | | |
| 2013 | NCCC* | 71 | 4,044,558 | | | |
| 2012 | NCCC | 73 | 3,715,609 | | | |
| 2011 | Minnesota Wireless Assn | 64 | 2,183,630 | | | |
| 2010 | NCCC | 60 | 2,502,251 | | | |
| 2009 | NCCC | 86 | 3,307,797 | | | |
| 2008 | no winner | | 0,007,707 | | | |
| 2007 | no winner | | | | | |
| 2006 | no winner | | | | | |
| 2005 | no winner | | | | | |
| 2003 | no winner | | | | | |
| 2004 | no winner | | | | | |
| Medium | | | | | | |
| 2017 | NCCC | 43 | 1,879,145 | | | |
| 2016 | Frankford RC | 19 | 1,178,489 | | | |
| 2015 | PVRC | 47 | 2,406,478 | | | |
| 2014 | SMC | 28 | 1,524,519 | | | |
| 2013 | Minnesota Wireless Assn | 43 | 1,607,832 | | | |
| 2012 | PVRC* | 49 | 2,500,870 | | | |
| 2011 | PVRC | 37 | 1,833,820 | | | |
| 2010 | PVRC | 40 | 1,813,567 | | | |
| 2009 | PVRC | 37 | 1,778,086 | | | |
| 2008 | PVRC | 35 | 1,440,226 | | | |
| 2007 | PVRC | 37 | 1,966,378 | | | |
| 2006 | PVRC | 28 | 1,355,040 | | | |
| 2005 | NCCC | 31 | 1,231,336 | | | |
| 2004 | NCCC | 35 | 1,439,443 | | | |
| Local | | | | | | |
| 2017 | Orleans County ARC | 6 | 475,347 | | | |
| 2017 | Orleans County ARC | 7 | 748,161 | | | |
| 2010 | Orleans County ARC | 6 | 533,555 | | | |
| 2013 | Orleans County ARC | 10 | 655,255 | | | |
| 2014 | Orleans County ARC* | 10 | 1,065,283 | | | |
| 2013 | Orleans County ARC | 10 | 936,547 | | | |
| 2012 | Dominion DX Group | 10 | 639,851 | | | |
| 2011 | Orleans County ARC | 6 | 449,103 | | | |
| 2010 | Orleans County ARC | 4 | 294,392 | | | |
| 2009 | Maritime Contest Club | 4 | 294,592 | | | |
| 2008 | Alabama Contest Group | 4 | 453,854 | | | |
| 2007 | Maritime Contest Club | 5 | 262,279 | | | |
| 2008 | Spokane DX Assn | 3 | 131,022 | | | |
| 2003 | Dauberville DX Assn | 3 | 125,534 | | | |
| | * Record score | 5 | 0,00 Ŧ | | | |
| | | | | | | |

Full Results – Version 1.1

No new club records were set this year. Check back in about 2021, or when participation increases, or when the Orleans County group starts submitting 10 logs again...

Heavy Metal

If you are truly paying attention, you'll recall that last year Dave, W5DT worked 208 stations on his venerable Teletype Model 33. Dave this year, "...worked 362. I have decided to submit my log this year, even though I know it will fall far short of an award - I am doing so as part of a lobbying effort in the hope that a future new award category will be created for the contest - for entrants using a *REAL* Teletype." (You can see one of Dave's beautifully restored machines in the photograph.)



Dave, W5DT restores teleprinters and here are the beautifully rebuilt Teletype Model 33 machines in his station. (Photo by Dave Tumey, W5DT)

"Why don't we have a special category for those who choose to make their RTTY lives even more challenging by operating using vintage teletype equipment," I wondered aloud and puttered off to inquire same of the Powers That Be - a.k.a. The ARRL Contest Branch.

It turns out that said Powers said "Why not, indeed?" and — with the stipulation that we not create a bunch of extra work for the Branch — a new overlay has been approved for the 2018 RTTY Roundup, something I've been calling the "Heavy Metal RTTY Roundup Award."

Simply put, W5DT has agreed to sponsor a special plaque to be awarded to the station that can show the best score while operating exclusively via electromechanical means. No computer encoding or decoding allowed, everything must be printed on the paper roll (see the photo) to qualify for this special recognition. Any kind of terminal unit may be used as the interface between the receiver and the teleprinter. Paper tape macros are of course permitted for repetitive tasks like calling CQ, as well as computers for logging and station control: We're not monsters, after all. (*There is no truth whatsoever to the imagined suggestion that logs in this category will have to be submitted on paper tape* - Ed.)

| CC CC RD VJENN VJENN CC K VJENN VSDT KSN KW VJENN VSDT KSN KW VJENN VSDT KST VJENN VSDT TU DE VJENN KEZ? DOGIN S99 897 897 KRGGG DJES. TU DE VJENK KEZ? DOGIN S99 897 897 KRGGG DJES. TU DE VJENK KEZ? C108 VSDT VSDT KSN 737 KEZ CC MU VSDT VSDT KSN 733 TEST CC MU VSDT VSDT ASR-33 TEST |
|--|
| CORTUNTIN'S COX VTUSK VSDT VSDT KU |
| VSDT 509 VA VA VTVSK 509 FL 599 FL VTVSK |
| VEDT TU DE VTVXS CO T |

Some actual copy from Heavy Metal plaque sponsor Dave, W5DT's own RTTY station. (Photo by Dave Tumey, W5DT)

I have agreed to compile the entries and determine the winning entry. Like much of what we do in contests, qualifying for this overlay will be dependent on the honor system; however, we will ask for modest proof that you really did print QSOs the Olde-Fashioned Way.

Stay tuned later this year for detailed rules, and how to enter and submit proof of print. In the meantime, if you have general interest in old iron, or maybe even have a classic teleprinter gathering dust in the garage, you'll find a lot of help on the Greenkeys mailing list.

Since the *QST* version of this report there has been great excitement on the mailing lists at the prospect of a heavy metal overlay, and considerable discussion about what truly qualifies. Some purists want it limited to native RTTY 45.45 baud equipment with current loops and mechanical shift registers, and there is some merit to taking it back to basics.

On the other hand, many operators have equipment that is actually designed for 110 baud ASCII, and in order to run 45.45 baud RTTY they have to pass both ways through a code conversion - in fact, one op ends up passing through 1200 baud ASCII to get to 110 baud.

It seems to me that we should focus on the "user interface" - the keyboard and paper tape, and the printer and let the operator get the keying to the rig however they can. But what do you think?

Regional Highlights

The Southeast Region surged from worst in 2016 to first in 2017, with VA and NC leading the charge, and reflecting the renewed focus by the PVRC to score their first Unlimited Club gavel. At the other end of the section list it was nice to see NL return to the party, while NT and MB were this year's no-shows. Come on, Manitoba!

| Domestic Participation, Logs Received by Region | | | | | |
|---|------|------|------|--|--|
| Region | 2015 | 2016 | 2017 | | |
| Southeast | 190 | 167 | 226 | | |
| Northeast | 222 | 221 | 216 | | |
| West Coast | 216 | 243 | 210 | | |
| Midwest | 202 | 214 | 194 | | |
| Central | 156 | 194 | 174 | | |
| Total | 986 | 1039 | 1020 | | |

| Domestic Pa | articipation, b | y ARRL Section | |
|-------------|-----------------|----------------|-----------|
| Section | 2016 Rank | Logs received | 2016 logs |
| VA | 3rd | 59 | 43 |
| IL | 2nd | 55 | 52 |
| MN | 1st | 49 | 71 |
| NC | | 39 | 17 |
| AZ | 8th | 32 | 26 |
| EPA | 6th | 32 | 28 |
| ОН | 4th | 32 | 34 |
| WNY | 9th | 31 | 25 |
| MDC | 5th | 28 | 30 |
| TN | | 25 | |
| WWA | 7th | 23 | 27 |
| STX | | 22 | |
| СТ | | 21 | |
| CO | | 20 | |
| MI | | 19 | |
| NTX | | 19 | |
| SCV | 10th | 19 | 24 |
| IN | | 17 | |
| NNJ | | 17 | |
| OR | | 17 | |
| BC | | 16 | |
| MO | | 16 | |
| SC | | 16 | |
| SV | | 15 | |
| WI | | 15 | |
| AL | | 14 | |
| KY | | 14 | |
| NFL | | 14 | |
| WMA | | 14 | |
| SDG | | 13 | |
| GA | | 11 | |
| MS | | 11 | |
| WCF | | 11 | |
| WPA | | 11 | |
| ENY | | 10 | |

| SB | 10 | |
|--------------|--------|---|
| SJV | 10 | |
| EWA | 9 | |
| IA | 9 | |
| KS | 9 | |
| ОК | 9 | |
| QC | 9 | |
| UT | 9 | |
| EB | 8 | |
| ID | 8 | |
| ONS | 8 | |
| SD | 8 | |
| SFL | 8 | |
| SNJ | 8 | |
| AR | 7 | |
| EMA | 7 | |
| GTA | 7 | |
| NM | 7 | |
| PAC* | 7 | |
| SF | 7 | |
| LAX | 6 | |
| MT | 6 | |
| NE | | |
| ONE | 6 6 | |
| | | |
| PR* | 6 | |
| WV | 6 | |
| AK* | 5 | |
| LA | 5 | |
| NH | 5 | |
| RI | 5 | |
| WTX | 5 | |
| AB | 4 | |
| NLI | 4 | |
| NV | 4 | |
| NNY | 3 | |
| ORG | 3 | |
| VT | 3 | |
| WY | 3 | |
| DE | 2 | |
| MAR | 2 | |
| ME | 2 | |
| NL | 2 2 | 0 |
| SK | 2 | |
| ND | 1 | |
| ONN | 1 | |
| VI* | 1 | |
| MB | 0 | |
| NT | 0 | |
| * DX Section | 5 | |
| BAGCOLON | | |

West Coast Region

| Call | Score | Cat | QSOs | Mults | Operators |
|--------|---------|--------|-------|-------|----------------|
| WN6K | 56,192 | SOLP | 902 | 64 | |
| K6GHA | 52,930 | SOLP | 680 | 79 | |
| AA7UN | 43,584 | SOLP | 705 | 64 | |
| VA7KO | 38,257 | SOLP | 577 | 67 | |
| W8WOM | 35,813 | SOLP | 631 | 59 | |
| KØMP | 38,090 | SOULP | 594 | 65 | |
| N6DZR | 35,108 | SOULP | 530 | 67 | |
| NN6NN | 30,000 | SOULP | 402 | 75 | |
| VA7RY | 27,625 | SOULP | 428 | 65 | |
| K6PO | 22,880 | SOULP | 357 | 65 | |
| K6MR | 172,172 | SOHP | 2,026 | 86 | |
| N6WM | 171,444 | SOHP | 1,930 | 91 | |
| NC6B | 77,598 | SOHP | 966 | 81 | |
| W6SFK | 74,022 | SOHP | 1,040 | 73 | |
| N7QT | 69,685 | SOHP | 930 | 77 | |
| K6LL | 227,374 | SOUHP | 2,098 | 109 | |
| VE7CC | 173,555 | SOUHP | 1,704 | 103 | |
| N6IE | 135,736 | SOUHP | 1,464 | 94 | |
| W7WW | 103,617 | SOUHP | 1,239 | 87 | |
| W1RH | 102,339 | SOUHP | 1,260 | 83 | |
| WØPC/7 | 23,877 | MSLP | | 63 | WØPC N6EVG |
| WØPC/7 | 25,677 | IVISLP | 387 | 05 | ACØNF KF7STT |
| | | | | | K7BTW N9ADG |
| K7BTW | 136,710 | MSHP | | 105 | K7EDX K7MO |
| | | | 1,324 | | K7VAP |
| K7JR | 88,044 | MSHP | 980 | 92 | NK7U KR7X K7ZO |
| KØIP | 23,744 | MSHP | 377 | 64 | KØIP WB7DNU |
| AE7JW | 17,342 | MSHP | | 58 | AE7JW K6ST |
| AE7JW | 17,542 | IVISHP | 322 | 30 | KG7PG |
| W6DR | 16,414 | MSHP | 284 | 58 | W6DR KJ6GMT |

In Single-Op HP we had a classic close battle between Chris, N6WM (at N6RO) and Ken, K6MR. At log submission time N6WM (with an edge in Multipliers) showed a slightly higher claimed score than K6MR (with an edge in QSOs). After log checking, we find the situation reversed, with K6MR just getting past N6WM by a handful of points for the top West Region spot. Both had respectable error rates but Ken's was just a little better. In his 3830 post, and perhaps a cautionary tale, Chris alluded to being tired at the outset due to a family ski trip the day before... Still, sixth place overall is nothing to sneeze at!

It was also close in Single-Op LP, with the top two stations having opposite QSO and Multiplier advantages. Both stations reported challenges with EU conditions, Paul, WN6K: "Only EU worked was an OH2 called me 4 minutes before the end on 20m." And Don, K6GHA with a lower claimed score had the better error rate. In this case, it was not enough to get past WN6K, but K6GHA put into perspective: "The one cool thing [about RTTY] is you can monitor the local ARES Net while you contest. All in a days work. And fun." On the Unlimited side, even a station with spotting assistance and high power found working EU to be a challenge, but again perspective, from Dave, K6LL: "Hardly any Europe, with the A Index at 20, the K at 3, and the Solar Flux at 72. JA participation was fairly good, but only 40 had a good opening. There sure were a ton of US and VE hams participating, so it was pretty lively, and therefore a lot of fun!" Dave's score was good enough for third overall. And for Unlimited LP, KØMP took the top spot.

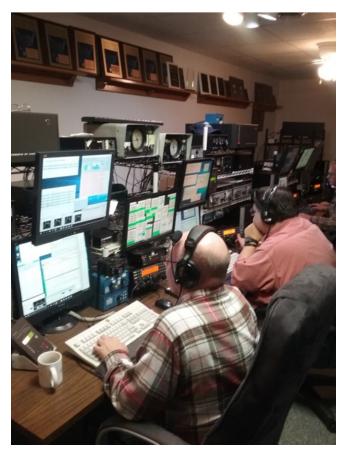
Midwest Region

| | 6 | <u> </u> | 000 | 5 4 L | |
|--------|---------|----------|-------|-------|--------------|
| Call | Score | Cat | QSOs | Mults | Operators |
| KØAD | 102,194 | SOLP | 1,398 | 74 | |
| KE5OG | 78,474 | SOLP | 974 | 82 | |
| KI6DY | 69,440 | SOLP | 1,001 | 70 | |
| ктødx | 65,262 | SOLP | 900 | 73 | |
| AD5XD | 63,492 | SOLP | 864 | 74 | |
| WB5TUF | 153,036 | SOULP | 1,326 | 117 | |
| NX5M | 62,985 | SOULP | 749 | 85 | |
| AAØAW | 33,294 | SOULP | 541 | 62 | |
| N1CC | 24,816 | SOULP | 387 | 66 | |
| NØOJ | 20,955 | SOULP | 383 | 55 | |
| ACØC | 222,372 | SOHP | 2,097 | 108 | |
| K5DU | 173,943 | SOHP | 1,783 | 99 | |
| N3BUO | 90,160 | SOHP | 999 | 92 | |
| ABØS | 59,466 | SOHP | 915 | 66 | |
| кøjjr | 57,528 | SOHP | 804 | 72 | |
| WØLSD | 219,906 | SOUHP | 1,954 | 114 | |
| VE5MX | 143,080 | SOUHP | 1,466 | 98 | |
| W5AP | 141,888 | SOUHP | 1,526 | 96 | |
| W7RY | 107,957 | SOUHP | 1,235 | 89 | |
| N5XZ | 105,906 | SOUHP | 960 | 114 | |
| | | | | | NØAC NØNI |
| NØNI | 259,870 | MSHP | 2,030 | 130 | WØBNW NØXR |
| - | | | | | WØFLS |
| WØSD | 214,110 | MSHP | 1,854 | 117 | |
| KDØS | 156,275 | MSHP | 1,671 | 95 | KDØS WDØT |
| | | | | | AA5B K5TQ |
| AA5B | 119,856 | MSHP | 1,378 | 88 | KK6MC KG5DOJ |
| WY7SS | 110,303 | MSHP | 1,530 | 73 | WY7FD WY7YL |

Sure, ACØC had propagation complaints just like everyone else: "DX country count was down by 11 from last year." But that 11 seems to be the difference that put him in second place. And it may be that Murphy is more to blame: "at some point after the first couple of hours a coax run between the BPF filter and a power meter apparently started to leak enough that the rig was folding back. And even with the amp, output to the antenna had dropped to about 100w! At first I thought the rig had blow finals or something and resisted assigning fault to the cable for too long, wasting more time. Eventually tracked it down to an ancient (40 years old?) coax jumper I had picked up at a hamfest last year. The irony is that I used that jumper in the setup thinking that with the Amphenol connectors and Belden cable, 'it was made right like they did it back in the day.' Uhhh-huhhhh..." KØAD placed first in LP.

In Unlimited LP, WB5TUF took second place overall, but only had this to say about it: "I love RTTY contesting!" Which is plenty. WØLSD had even less to say, taking the regional first in Unlimited HP, and fourth overall.

The whole Midwest region had nothing at all to say about LP multi-operating, but it was much different on the HP side of life, with Midwest stations taking four of the top ten spots overall, including NØNI and WØSD in the top two. The weather and Murphy also took their toll at WØSD: "With the harsh South Dakota WX we had a 20 meter antenna that had SWR that was to high to use and a 15 meter beam that had no read out as to azimuth so we just left it east. We had one amplifier that would not start up. All this fancy protection stuff sure cuts down on the reliability. The 8877 HB with no protection has never failed me but I sure can't say that about the others..."



Dave, WØFLS, center, Dean, NØXR, and far right Toni, NØNI, and a whole lotta screens, working 20 meters hard. (Photo provided by Toni Radebaugh, NØNI)

Central Region

| Call | Score | Cat | QSOs | Mults | Operators |
|--------|---------|-------|-------|-------|---------------|
| N9CK | 125,000 | SOLP | 1,265 | 100 | |
| KD9MS | 96,805 | SOLP | 1,031 | 95 | |
| K8AJS | 54,418 | SOLP | 605 | 91 | |
| N8CWU | 51,429 | SOLP | 676 | 79 | |
| VE3MGY | 41,028 | SOLP | 553 | 78 | |
| VA3DF | 98,382 | SOULP | 866 | 114 | |
| K9WX | 89,930 | SOULP | 1,069 | 85 | |
| W9ILY | 74,868 | SOULP | 745 | 102 | |
| WT9U | 64,974 | SOULP | 838 | 78 | |
| K9DJT | 41,650 | SOULP | 506 | 85 | |
| VE3CX | 100,881 | SOHP | 1,026 | 99 | |
| WA8KHP | 80,982 | SOHP | 833 | 99 | |
| W5MX | 71,016 | SOHP | 818 | 88 | |
| W9IE | 67,760 | SOHP | 863 | 80 | |
| CG3TW | 54,834 | SOHP | 712 | 78 | VE3TW |
| К9СТ | 175,525 | SOUHP | 1,492 | 119 | |
| K4WW | 103,880 | SOUHP | 983 | 106 | |
| N2BJ | 74,214 | SOUHP | 807 | 93 | |
| AI9T | 73,170 | SOUHP | 825 | 90 | |
| KE4KY | 63,360 | SOUHP | 799 | 80 | |
| K9NR | 103,851 | MSLP | 1,066 | 99 | |
| WS9V | 78,587 | MSLP | 909 | 89 | WS9V KD9GKL |
| коøz | 37,800 | MSLP | 560 | 70 | KOØZ KC9ULA |
| N9LAH | 26,560 | MSLP | 424 | 64 | |
| | | | | | KF4REN KJ4PXR |
| | | | | | AJ4A KJ4YLR |
| KE4YVD | 7,592 | MSLP | 177 | 52 | KK4NZI KY4SGM |
| | | | | | AG4ZA KK4NZT |
| | | | | | K4BLP |
| | | | | | NV9L K9CS |
| NV9L | 180,531 | MSHP | 1,558 | 117 | WB9Z |
| | | | | | KB8O AB8M |
| KB8O | 98,280 | MSHP | 952 | 105 | N8USK |
| | | | | | WZ8P WX8P |
| WZ8P | 78,840 | MSHP | 909 | 90 | W8TJT KE8BQL |
| L | | | | | |

VA3DF takes the top spot here in SO Unlimited LP, and good enough for fourth overall, with a tale of despair and last minute victory: "I was not impressed with conditions at the start (and during) the contest. After a couple of hours, I had resigned myself to making the best of a bad situation and had no expectation of even getting close to last year's score.

"Come Sunday afternoon, I was behind last year on qsos but even on mults - needing only MT, DE, ME and DC for the sweep of all states. Gradually, and with a lot of effort, MT, DE and ME found their way into the log leaving only DC as the last mult. Having not heard a DC station all weekend, I was assured that this was just another pot of gold at the end of the rainbow.

"Funny thing happened on the way to 2400Z - I ended up with a better score than I had anticipated - but 100K was just too ridiculous to even contemplate! As the clock passed 2345Z - I was still missing DC - it was not going to happen. "With about 5 minutes to go, I'm working everything in sight - begging for qsos - I work a W3 station - a very rare DC mult is now in the books! Call me Lucky. Made a few more qsos to pad the log and pulled the switch. Basically the same score as last year...."

Craig, K9CT managed the top spot in Central Unlimited HP, and seventh overall, despite the intrusion of "family entertainment that overrode the contest plans... I probably would have operated 24 hours under different situation. I missed 5 hours Saturday early evening that would have been prime time."

In SO Unassisted LP, Steve, N9CK missed first place overall by, well, a lot, but he most enjoys seeing "all those familiar callsigns along with the many new ones!" And VE3CX tops the chart in SOHP.

The Central region is the only one to make a strong showing Multiop LP, fielding enough stations to populate a top five. In fact, they took four of the top ten overall, including K9NR in first and WS9V third. For a change HP is the stepchild, but NV9L showed up and took third overall. (Maybe they just don't like amplifiers?)

Southeast Region

| Call | Score | Cat | QSOs | Mults | Operators |
|--------|---------|-------|-------|-------|---|
| W4AAA | 182,700 | SOLP | 1,600 | 116 | KK9A |
| KA4RRU | 117,600 | SOLP | 1,147 | 105 | |
| WA1FCN | 81,589 | SOLP | 1,003 | 83 | |
| W4GO | 66,836 | SOLP | 688 | 98 | |
| N5RN | 44,980 | SOLP | 701 | 65 | |
| AA5AU | 186,192 | SOULP | 1,741 | 108 | |
| K90M | 105,820 | SOULP | 976 | 110 | |
| KU4V | 76,296 | SOULP | 877 | 88 | |
| W4PJW | 49,357 | SOULP | 648 | 77 | |
| K8ARY | 49,011 | SOULP | 537 | 93 | |
| K5XH | 113,905 | SOHP | 1,210 | 95 | |
| NR4M | 113,791 | SOHP | 1,019 | 113 | |
| W4GKM | 113,270 | SOHP | 1,245 | 94 | |
| AG4W | 109,740 | SOHP | 1,194 | 93 | |
| K7BV | 98,252 | SOHP | 870 | 116 | |
| W9SN | 253,260 | SOUHP | 1,921 | 134 | |
| K4KGG | 140,517 | SOUHP | 1,219 | 117 | |
| AB4GG | 137,100 | SOUHP | 1,377 | 100 | |
| K4GMH | 123,497 | SOUHP | 1,221 | 103 | |
| W4ML | 104,728 | SOUHP | 1,006 | 106 | W4MYA |
| W4TA | 85,845 | MSLP | 908 | 97 | KA4IOX KP2N KR4U KB8ESY N2ESP N4GD N4KPJ N4RI NY4I VE3XD W4CU |
| | | | | | W4TSP |
| N5ZM | 44,073 | MSLP | 536 | 83 | |
| NA5NN | 30,690 | MSLP | 473 | 66 | W5UE K2FF |
| WA1F | 14,520 | MSLP | 253 | 60 | WA1F WA1S WW4LL N9DFD |
| WW4LL | 180,048 | MSHP | 1,516 | 121 | K1ZZI AA4CF W4KTR |
| W4RM | 158,301 | MSHP | 1,326 | 123 | W4RM K4RG W7IY |

| W6IHG | 122,752 | MSHP | 1,123 | 112 | W4TMO WS7I N1MGO KJØD MMØLID W6IHG W4AAW |
|-------|---------|------|-------|-----|---|
| N8VCF | 105,432 | MSHP | 1,169 | 92 | N8VCF NW8U AF4Z KA4JRY KM4TIX KM4TIY K4FIT W9BCH |
| W4MLB | 96,933 | MSHP | 1,273 | 79 | KM4UCK KDØVNT K3BSX W4EE K5LP WB5ZGA |

Speaking of eschewing amplifiers, the Southeast owns the distinction of owning two firsts and a second in the three LP categories. W4TA made a respectable total for second overall in Mutli LP. W4AAA (KK9A, op.) dominated the Single-Op LP category with a margin of almost 60,000 points. This, despite the fact that his "antennas and towers were completely covered with a coating of ice... Luckily most of the stuck antenna were in convenient directions from testing out the station on the previous day so I got back on the air hoping the strong sun would melt the ice and that they would start working again." Oh, and by the way: "This was my first time operating this contest and I had to figure out a strategy as I went along. It turned out to be a lot fun!" There you go.

Don, AA5AU achieved a margin of over 40,000 to take the overall SO Unlimited LP. From Louisiana, he had a different view of propagation: "40m was so long Saturday night, I could only work EU, California and Mexico. Endless unanswered CQs and the bandscope was eerily void of signals. I was expecting more out of 40. It was just the opposite Sunday afternoon/evening. It was open to all the USA and everyone heard me so I made up for lost Q's. 15m was a nice surprise. Wasn't expecting 300 Qs but I'll take it." Don has just one request: "Thanks to everyone for the contacts. Do it again next year." Will do.

Plenty was also going on in HP categories. WW4LL, W4RM, and W6IHG took fourth, fifth, and eighth respectively in Multi HP. Led by K5XH, Southeast stations swept seventh through tenth places in unassisted Single op HP. And W9SN placed a strong second in Unlimited HP, even though he "lost one of my antennas to the SWR gods just after the start and too late to fix." Still: "40 meters was flat the first night, but 80 meters was incredible, with amazing runs. 20 meters on Sunday was great and started earlier than expected, lasting into the late afternoon with consistent high run rates."

Finally, everyone experiences their own high points during a contest, and fifth-place Southeast Unlimited LP, Jim, K8ARY was no exception: "Using 100 watt transceiver, I have a 40 meter vertical loop and 80 meter horizontal loop. That's my antenna farm. My RU high point was when I heard A31MM (Tonga) on 15 on Sunday afternoon. I nab him on the 2nd call to fill a needed DX band slot. That felt good! About 2 hours later, I was hearing E51ADD (S. Cook Is.) on 15. The signal was not too strong, but I was eventually able to work him filling another needed DX band slot. It's like fishing, I never know what I'm going to catch. Too bad the RU is only once a year!"

Northeast Region

| Call | Scoro | Cat | QSOs | Mults | Operators |
|----------|---------|-------|-------|-------|-----------------------|
| | Score | | - | | Operators |
| N1IXF | 103,110 | SOLP | 997 | 105 | |
| N2N | 60,960 | SOLP | 778 | 80 | NN2NN |
| N2HMM | 54,327 | SOLP | 622 | 91 | |
| KB3AAY | 38,520 | SOLP | 550 | 72 | |
| W2GN | 38,258 | SOLP | 530 | 74 | |
| WW3S | 80,333 | SOULP | 747 | 109 | |
| N1EN | 63,705 | SOULP | 688 | 93 | |
| W3FIZ | 42,504 | SOULP | 494 | 88 | |
| KS1J | 39,444 | SOULP | 527 | 76 | |
| CF2BK | 32,472 | SOULP | 498 | 66 | VE2EBK |
| AA3B | 243,024 | SOHP | 2,005 | 122 | |
| N2WK | 194,228 | SOHP | 1,657 | 118 | |
| N8CL | 91,176 | SOHP | 1,071 | 87 | |
| K5ZD | 76,296 | SOHP | 755 | 102 | |
| КЗРР | 75,636 | SOHP | 779 | 99 | |
| KI1G | 271,260 | SOUHP | 1,999 | 137 | |
| K1MK | 176,020 | SOUHP | 1,371 | 130 | @K1TTT |
| W3LL | 175,768 | SOUHP | 1,420 | 127 | |
| N3QE | 164,439 | SOUHP | 1,370 | 121 | |
| NR2C | 103,960 | SOUHP | 914 | 115 | |
| N1DBL | 39,648 | MSLP | 485 | 84 | N1DBL W1PFZ N1UZ |
| W1QA | 118,170 | MSHP | 1,028 | 117 | W1QA WN1E |
| | | | | | WD3HAY KB3EYY WC3O |
| | | | | | K3RMB |
| K3MJW | 111,282 | MSHP | 1,115 | 102 | WB3BUW |
| 10101300 | 111,202 | WISHI | 1,115 | 102 | WA3KFS AB3LS |
| | | | | | WASHGW AJ30 |
| | | | | | W3VYK |
| | | | | | K3AJ KD4D |
| K3AJ | 99,736 | MSHP | 965 | 104 | ND3D |
| | | | | | WA3EKL |
| | | | | | KG4USN KØOO |
| WA3EKL | 49,664 | MSHP | 547 | 97 | KB3VQC K3LU |
| WASERE | 45,004 | WISHI | 547 | 51 | W3UL KC3HPS |
| | | | | | N3DPB |
| | | | | | K3OQ W3RFC |
| K30Q | 21,560 | MSHP | 315 | 70 | WA3OFF |
| NJUQ | 21,500 | NISHE | 212 | 70 | |
| | | | | | КСЗВХК |

Rich, N1IXF who finds himself at the top of the SO LP standings for the Northeast, was unfazed by the snowy conditions, noting, "one of the best things about contesting on a snowy weekend? Somebody else has to clear the driveway!" In HP, AA3B once again took the top spot here and overall, despite starting the contest three hours late. Maybe he's on to something?

Similarly, Rick, KI1G took first Unlimited HP in the Northeast and also overall. (Do we detect a pattern here?) Rick notes that he "upgraded my computers so that they could keep up with the skimmers. Now if I could only upgrade my brain to keep up with the computers..." Looking at the rest of the scores reveals a very tight race between K1MK and W3LL for second and third in the region (and fifth and sixth overall) - places that swapped during log checking. Remember: accuracy is! Northeast stations would account for four of the top ten.

WW3S came out first LP Unlimited in the Region, and sixth overall, ahead of N1EN in tenth overall. In Multi LP, lone regional entry N1DBL is first - in general, Multi LP could sure use some more entries - and top Multi HP entry W1QA was 10th overall.

W/VE Top Tens

| Call Sign Single Operator, High Power AA3B | |
|--|---------|
| AA3B | |
| | 243,024 |
| ACØC | 222,372 |
| N2WK | 194,228 |
| K5DU | 173,943 |
| K6MR | 172,172 |
| N6WM | 171,444 |
| К5ХН | 113,905 |
| NR4M | 113,791 |
| W4GKM | 113,270 |
| AG4W | 109,740 |
| Single Operator, Low Power | |
| W4AAA (KK9A, op) | 182,700 |
| N9CK | 125,000 |
| KA4RRU | 117,600 |
| N1IXF | 103,110 |
| KØAD | 102,194 |
| KD9MS | 96,805 |
| WA1FCN | 81,589 |
| KE5OG | 78,474 |
| KI6DY | 69,440 |
| W4GO | 66,836 |
| Single Operator Unlimited, High Power | |
| KI1G | 271,260 |
| W9SN | 253,260 |
| K6LL | 227,374 |
| WØLSD | 219,906 |
| K1MK (@K1TTT) | 176,020 |
| W3LL | 175,768 |
| К9СТ | 175,525 |
| VE7CC | 173,555 |
| N3QE | 164,439 |
| VE5MX | 143,080 |

| Single Operator Unlimited, Low Power | |
|--|---------|
| AA5AU | 186,192 |
| WB5TUF | 153,036 |
| K9OM | 105,820 |
| VA3DF | 98,382 |
| K9WX | 89,930 |
| WW3S | 80,333 |
| KU4V | 76,296 |
| W9ILY | 74,868 |
| WT9U | 64,974 |
| N1EN | 63,705 |
| Multioperator, Single Transmitter, High Po | wer |
| NØNI | 259,870 |
| WØSD | 214,110 |
| NV9L | 180,531 |
| WW4LL | 180,048 |
| W4RM | 158,301 |
| KDØS | 156,275 |
| K7BTW | 136,710 |
| W6IHG | 122,752 |
| AA5B | 119,856 |
| W1QA | 118,170 |
| Multioperator, Single Transmitter, Low Po | wer |
| K9NR | 103,851 |
| W4TA | 85,845 |
| WS9V | 78,587 |
| N5ZM | 44,073 |
| N1DBL | 39,648 |
| KOØZ | 37,800 |
| NA5NN | 30,690 |
| N9LAH | 26,560 |
| WØPC/7 | 23,877 |
| WA1F | 14,520 |

DX Highlights

European participation continues to fall off, but we did see a nice uptick on the part of Asia and Oceana. I know there are lots of EU RTTY contesters out there (get on for the Worked All Europe RTTY or the Makrothen contest, and you'll see what I mean!), and though I couldn't help but notice more "special calls" in the top tens, what will it take to improve participation in the Roundup?

| DX Participation, by Continent | | | | | |
|--------------------------------|-----------|-----------|-----------|--|--|
| Continent | 2017 logs | 2016 logs | 2015 logs | | |
| AF | 5 | 8 | 7 | | |
| AS | 146 | 134 | 133 | | |
| EU | 474 | 522 | 569 | | |
| NA (non W/VE) | 30 | 31 | 33 | | |
| OC | 30 | 21 | 21 | | |
| SA | 23 | 21 | 31 | | |
| Total logs | 708 | 737 | 794 | | |

It was nice to see P49X (WØYK op) back in the top spot after a one year hiatus (we won't speak any more of that). However, Mike, WØMU declared that he was never going to work P49X again: "Every time I went to work P49X, I screwed something up! I mean every time. Someone must have put some weird voodoo on my station. The first time I was off frequency. After that the computer would send my call after I had his info. Apparently N1MM decided that I didn't have his info. That happened a few times even when I was trying to make sure it did not... But I will endeavor to be more prepared next time. Thanks for the contacts and If you never work me again, I would understand! HI!"

Many of the usual top five SOHP suspects were in there swinging - like PZ5RA and UR7GO - but EA1DR changed categories from SOULP last year to edge them both for second spot. In SOLP, it's nice to see Ted, HI3TEJ return to RTTY contesting, earning the top DX spot with a very respectable score. And he got there despite starting late, and having just one radio - though he did manage a "poor man's SO2R" with the second VFO on search and pounce duties. F5BEG had to settle for second place for the second time in two years.

In the Unlimited categories, 4M1K had the top HP score, leaving last year's winner SP7GIQ (as SN7Q) in the dust. In the LP results, nine out of ten stations that placed this year weren't even in the list last year. Mario, S56A took the top spot, noting that 40 meters was his "money band," and that 80 meters was "noisy but workable." Meanwhile, DF2F (DF2SD op) moved up from sixth last year to fourth this year.

In Multiop HP, and as noted above, despite those freezing temperatures of minus 25C, and snow 30cm deep, the team at OL7M took the top spot after narrowly missing it last year, while keeping LZ7A well behind them in second. In LP, LY7Z jumped right to the top, while last year's winner IQ2CU slipped to third - but still pretty darn good considering they had just one radio and a dipole!

DX Top Tens

| Call Sign | Score |
|-----------------------------|---------|
| Single Operator, High Power | |
| P49X (WØYK, op) | 417,585 |
| EA1DR | 115,920 |
| PZ5RA | 94,738 |
| UR7GO | 86,142 |
| IK4GNI | 69,776 |
| IV3SKB | 61,226 |
| DL3BQA | 60,030 |
| YO3RU | 48,240 |
| HP3SS | 47,124 |
| UA6CE | 44,608 |

| Single Operator, Low Power | 1 |
|--|------------------|
| HI3TEJ | 142,888 |
| F5BEG | 84,530 |
| SO9M (SQ9UM, op) | 70,564 |
| TM4C (F4GDI, op) | 47,432 |
| YV5AAX | 45,108 |
| UT5EPP | 44,480 |
| ON5GQ | 42,195 |
| CO2AME | 35,595 |
| DL3SYA | 33,984 |
| UX1UX | 32,604 |
| Single Operator Unlimited, High Power | |
| 4M1K | 181,500 |
| 9A5W | 174,108 |
| UW1M | 151,194 |
| P3X (5B4AMM, op) | 146,165 |
| SN7Q | 135,090 |
| ТК5МН | 120,428 |
| S57AW | 113,256 |
| | 110,625 |
| OH8A (OH8WW, op) | 90,626 |
| KH6ZM | 84,600 |
| Single Operator Unlimited, Low Power | |
| S56A | 70,092 |
| IK3TPP | 57,230 |
| 9A7DX | 56,133 |
| DF2F (DF2SD, op) | 52,154 |
| XE2B | 39,425 |
| | 34,470 |
| CT1BXT | 33,200 |
| G8X GMØFGI | 30,704 |
| HI3CC | 28,786 27,783 |
| Maltingenetary Circle Terrorithen Ulah | , |
| Multioperator, Single Transmitter, High Power | |
| OL7M | 149,225 |
| LZ7A | 80,700 |
| EA2WT | 76,258 |
| YV5ØARV | 73,710 |
| EA2VE | 71,900 |
| S53M | 53,486 |
| OK1KUW | 51,520 |
| USØAK | 39,848 |
| PC2Y | 34,488 |
| OL2U | 29,376 |
| Multioperator, Single Transmitter, Low | |
| Power | |
| LY7Z | 45,552 |
| RT2M | 28,000 |
| IQ2CU | 22,230 |
| UZ2I | 19,698 |
| OK2RVM | 13,818 |
| 9A7B | 8,987 |
| MØIEP | 6,820 |
| KL4SD | 3,500 |
| YU7KMN | 3,264 |
| DF4WC | 2,592 |

Golden Logs

| Call | Category | QSOs | Score |
|--------|----------|------|----------------|
| K2DFC | SOULP | 412 | 27,192 |
| WB8JUI | SOLP | 250 | 14,000 |
| N3CKI | SOLP | 235 | 12,220 |
| VE3YF | SOLP | 221 | 10,829 |
| K8NWD | SOLP | 212 | 10,600 |
| WØZF | SOLP | 198 | 9,900 |
| KC2WUF | SOULP | 196 | 10,192 |
| W3GVX | SOUHP | 188 | 11,468 |
| UX6IB | SOLP | 180 | 7,560 |
| KC5FP | SOULP | 176 | 10,032 |
| N5XJ | SOUHP | 176 | 8,976 |
| JH3FUK | SOHP | 160 | 10,880 |
| WA1DRQ | SOUHP | 156 | 7,644 |
| N6VH | SOUHP | 153 | 8,721 |
| W07V | SOHP | 140 | 5,880 |
| KB9DVC | SOLP | 138 | 6,900 |
| SM7CIL | SOLP | 135 | 5,535 |
| K9SE | SOLP | 132 | 6,468 |
| PA3GDG | SOULP | 130 | 5,720 |
| ZS2EZ | SOULP | 128 | 7,296 |
| OK2PCL | SOHP | 128 | 5 <i>,</i> 888 |
| K9LGE | SOLP | 113 | 4,746 |
| AD5LU | SOLP | 111 | 3,774 |
| 7N2UQC | SOLP | 111 | 3,108 |
| K5WI | SOLP | 106 | 4,134 |
| N6HI | SOLP | 106 | 3,392 |
| КА8НКС | SOLP | 105 | 4,935 |
| K5TA | SOLP | 105 | 4,410 |
| W9VQ | SOLP | 100 | 4,554 |
| KE7AUB | SOLP | 100 | 4,000 |

We've arbitrarily defined a Golden Log as a log with no errors and with at least 100 QSOs. Congratulations to this year's top Golden Log, submitted by Fred K2DFC with 412 QSOs and a respectable 27,192 points - edging a little higher than last year's total of 410 QSOs and 25,010 points logged by WØPI. I'll note with interest that Fred entered in the SO Unlimited category, proving that an operator that uses assistance can actually copy and log the correct QSO. A word to the wise.

There Were Records?

| New W/VE Division Records | | | | | | |
|---------------------------|---------------|----------|---------|-------|-------|--|
| Call | Division | Category | Score | QSOs | Mults | |
| K4WW | Great Lakes | SOUHP | 103,880 | 983 | 106 | |
| W7RY | Midwest | SOUHP | 107,957 | 1,235 | 89 | |
| New DX Records | | | | | | |
| Call | Location | Category | Score | QSOs | Mults | |
| P3X | Asia | SOUHP | 146,165 | 1,287 | 115 | |
| KH6ZM | Oceania | SOUHP | 84,600 | 1,147 | 75 | |
| 4M1K | South America | SOUHP | 181,500 | 1,526 | 121 | |

We spoke a little too soon in the print version of this article. Turns out on more careful scrutiny, against all odds there were a handful of new domestic and DX records set. All were set in the Single-Op High Power Unlimited category, which continues to show that records can be set in these relatively new Unlimited categories even during less than wonderful conditions.

Sponsored Plaques

Thanks to the generous support of numerous clubs and individuals, we are pleased to list the winners of the Sponsored RTTY Roundup plaques below. For more information on plaque sponsorship or to order a duplicate plaque, contact ARRL Contest Branch Manager Bart Jahnke, W9JJ, at 860-594-0232 or w9jj@arrl.org. Plaques cost \$75, which includes all shipping charges.

| Plaque Category | Plaque Sponsor | Winner |
|-------------------------|---------------------|------------|
| W/VE Single Operator | Preston Radio Club, | AA3B |
| High Power | W7PRC | |
| W/VE Single Operator | Robert E Darlington | W4AAA |
| Low Power | III, N3XKB | (KK9A, op) |
| W/VE Single Operator | WQ6X Software | KI1G |
| Unlimited High Power | | |
| W/VE Single Operator | SMECC | AA5AU |
| Unlimited Low Power | Communications | |
| | Museum (AZ), | |
| | KF7RWW | |
| W/VE Multioperator | John Lockhart, | NØNI |
| High Power | WODC | |
| W/VE Multioperator | Dan Karg, KØTI | K9NR |
| Low Power | | |
| | | |
| DX Single Operator High | Rick Tavan, N6XI | P49X |
| Power | | (WØYK, op) |
| DX Single Operator Low | Rich Cady, N1IXF | HI3TEJ |
| Power | | |
| DX Single Operator | Mother Lode | 4M1K |
| Unlimited High Power | DX/Contest Club | |
| DX Single Operator | Michael | S56A |
| Unlimited Low Power | Trowbridge, | |

| KA4RRU | |
|---------------------------|--|
| | OL7M |
| | ••• |
| - | |
| | LY7Z |
| , | |
| Tom Haavisto, | VE7CC |
| VE3CX | |
| Skyview Radio | K3MJW |
| Society - In Memory | |
| of Daniel Rabinovitz, | |
| K3ISO | |
| Society of Midwest | W9IE |
| Contesters | |
| Society of Midwest | N9CK |
| Contesters | |
| Society of Midwest | NV9L |
| Contesters | |
| | |
| Society of Midwest | K9NR |
| Contesters | |
| | |
| Minnesota Wireless | KØIJR |
| Association | |
| Minnesota Wireless | KØAD |
| Association | |
| Minnesota Wireless | KØCN |
| Association | |
| | |
| Minnesota Wireless | AAØAW |
| Association | |
| | |
| Minnesota Wireless | WØSD |
| Association | |
| | |
| CTRI Contest Group | K5ZD |
| | |
| | |
| Hank/KR7X | N7QT |
| | |
| | |
| | K6MR |
| | |
| | K6GHA |
| & Carolyn Wilson K6TKD | |
| | W4RM |
| - | 1 |
| K4WNW | |
| | Skyview Radio Society - In Memory of Daniel Rabinovitz, K3ISO Society of Midwest Contesters Society of Midwest Contesters Society of Midwest Contesters Society of Midwest Contesters Society of Midwest Contesters Society of Midwest Contesters Minnesota Wireless Association Minnesota Wireless Association Minnesota Wireless Association Minnesota Wireless Association CTRI Contest Group Hank/KR7X Northern California Contest Club Dick Wilson, K6LRN & Carolyn Wilson |

It's nice to once again see such a healthy looking table of sponsored plaques, thanks to all who keep the awards coming whether the metal is heavy, light, or not even metal at all! Remember, you too can be a plaque sponsor, and you can sponsor any available outcome. (It would be lovely to see some commercial sponsors on here as well, like we see in Sweepstakes and other ARRL contests. How about it?)

Last Print

Aside from the new Heavy Metal overlay, the next contest is always different and always has the potential to be a great one. Don't forget the new log submission deadline of 5 days after the contest. The 2018 version is on Jan 6–7 so thaw out some of the holiday leftovers, clean off the keyboard, and get ready to diddle!