

2021 Florida QSO Party Results

by Chris Plumblee W4WF

2021 saw the world start to turn back to normalcy in many ways, not least of which was in the FQP rules. After a year hiatus, mobile operation was again possible, and many of our daring mobile teams (and single ops) returned to the roads. As a result, county sweeps were back on the menu, and four intrepid entrants achieved the sweep during the first 10 hour operating period. Perennial FQP contender OM2VL also achieved a CW and Mixed sweep from Eastern EU.

The 2020 FQP was the first FQP in seven years with (ever-so slightly) better conditions than the year before. 2021 saw another slight improvement, but cycle 25 is clearly taking its time making an appearance. NN7CW did break 100 QSOs on 15m CW in 2021, finishing with 102 for the weekend. The 10m cupboard was a little more bare, with K4EU posting 3 QSOs on CW and W4AC finding 6 on SSB. Admittedly we're singing the same old song for another year, but we're hopeful that the SFI will continue to rise (at the time of this writing on December 26, 2021 SFI is 131 with an A of 7 and K of 0) and everyone inside of and outside of Florida will have the opportunity to log more QSOs on the high bands.

The 1x1 spelling bee continues to drive participation by casual entrants in FQP and gives everyone, even in areas of non-optimal propagation, an achievable target. 2021 saw 755 stations achieve a sweep of the 5 1x1 stations whose suffixes spelled "SHARK." Congratulations to all of those entrants and our thanks to all five station hosts for dedicating their time and hard work to make the 1x1 spelling bee a success.

We were incredibly pleased to see that the total number of logs received was up slightly in 2021 vs. 2020. Even without mobile logs in 2020, we set records for total logs submitted as well as total in-state, USA, and VE logs submitted. 2021 saw another new record in total logs submitted, up to 1,224 total logs from 1,186 in 2020. The increase was driven by the return of mobile logs, which went from 78 logs in 2020 (one mobile entrant plus virtual mobiles) to 248 logs in 2021. The 2021 logs submitted numbers would have represented new records in FL Fixed station submissions, USA submissions, and VE submissions excluding 2020, and we are pleased that FQP remains so popular. The FQP committee believes strongly that our route to success lies in incentivizing stations within Florida to work non-Florida stations as much as possible. Our rules are structured the way they are, in large part, to encourage operation on the highest open band rather than the lowest. Serious (and non-serious) entrants from within Florida need not chase county multipliers at all, though they can work other Florida stations for QSO credit. We believe that our rule structure keeps mobile and fixed stations on the higher bands working USA, VE, and DX stations rather than keeping everyone on the lowest open band to work other Florida counties, which in turn drives more participation by USA, VE, and DX stations.

Historical Log Breakdown by Area

Area	2021	2020	2019	2018	2017	2016	2015	2014	2013	2012
FL-Fixed	168	214	123	113	108	103	81	79	103	117
FL-Mobiles + Virtual	248	78	327	445	395	468	406	482	482	519
FL-Expeditions	35	0	53							
USA	661	766	451	379	396	320	315	238	348	343
VE	71	75	59	42	42	36	36	36	37	43
DX	41	53	16	24	30	51	78	46	89	71
TOTAL	1224	1186	1029	1003	971	978	916	881	1059	1093

Earlier Years:

2011-866 2010-903 2009-987 2008-826 2007-778 2006-755 2005-589 2004-706 2003-662
2002-450 2001-403 2000-294 1999-215 1998-229

In a trend that would do K4OJ proud, NX4N continued his tireless efforts promoting the FQP on public forums around the state and the country. FCG founding president K4OJ was the primary FQP cheerleader in the early days. Jim never missed an opportunity to include a commercial for the FQP, and Chris has ably continued his work, sending innumerable emails and messages to clubs and individuals to drive activity for everyone.

We're very excited to announce that the 2022 FQP is the 25th Anniversary FQP under the FCG's sponsorship. Please make plans to join us for the 2022 FQP if you can...work all 25 1x1 stations (all letters A-Z with the exception of X) to celebrate the FQP's Silver Anniversary!

Top QSOs by Band/Mode

The top QSOs by band-mode chart below excludes 1x1s to avoid skewing the results. While 10m was not exactly thriving in the 2021 FQP, 15m started to show some signs of life. Single-op NN7CW used HP from his QTH in LAK and made over 100 QSOs on 15m CW. KE4Q used 100w and a log periodic from his station in southwest FL but still found 44 QSOs for the weekend on the same band-mode, almost as many as east coast powerhouse AD4ES. N4FCG, operated by N4BP, set the standard on 20m CW and 40m CW from BRO, with NN7CW not far behind.

On SSB, the top scorers within Florida were a little more geographically diverse. K4SBZ used his northwest FL location to his advantage on 40m to lead the pack there, ahead of W4MLB and W2PH on the east coast and W4AC and K2WLS on the west coast. N4WZ made his home on 20m, where his big signal from MRT allowed him to set the standard. South Florida was the place to be for 20m, as Jeff's closest competition (and the only other entrant to exceed 1,000 SSB QSOs on any single band-mode) was K4KKC in BRO. K2WLS, operating from K4LAW's station in HIL, nearly made it to 1,000 QSOs on 20m SSB after log checking, finishing with 991 valid QSOs. Dawn had the most balance between 20m and 40m of any of the entrants, as she finished fifth for QSOs on 40m and third on 20m. N4WZ's big lead on 20m carried him to the overall SSB QSO lead. K2WLS finished in second place, ahead of W2PH's high power entry.

Outside Florida, the 15m leaders were both from South America. Gracias to LW3EX and YV5RAB for sending in their log. LW3EX led the way on 15m CW with 44 QSOs, while YV5RAB led the way on 15m SSB with 8 QSOs. NV9L and K9CT battled it out from W9 for second place on the 15m CW leaderboard, finishing with 30 and 28 QSOs respectively. Nipping at their heels was KH6LC with 24 QSOs from his well-appointed station in Oceania.

20m is usually the money band from the midwest for FQP, and K9CT showed why with a very admirable 344 QSOs after log checking. The top-5 on 20m CW was filled with stations in the W8/W9/W3/VE3 target area, including (in order) WA3HAE, VE3NNT, K3WW, and WI9WI. 40M CW was a bit of a surprise, with K9CT topping the leaderboard on that band also. Usually stations elsewhere in W4 spend a lot of time on 40m (by necessity...the 20m skip zone, particularly from northern Florida, lands north of them) and dominate this band-mode. WN4AFP piloted his all-wire station in SC and was not far behind Craig on 40m. K7SV was just slightly behind Dave from his station in central VA. VE3NNT was just a single QSO behind K7SV on the 40m CW leaderboard. Just 10 QSOs behind Les was K4BYN from his station in NC.

The SSB and mixed-mode entrants had plenty of fun on 20m and 40m as well. Congratulations to NX3A for exceeding 100 QSOs on 40m SSB after log checking, the only station to do so. The remainder of the leaderboard on 40m was very geographically diverse, with K9RS in DE, AA1SU in (relatively) rare VT, KC8QDQ in OH, and KM4OZ in GA.

The sweet spot for 20m SSB was in IL, as N2BJ ran away with the lead on that band mode with 280 QSOs. KC8QDQ in OH followed up his strong performance on 40m SSB with a top-2 finish on 20m SSB. NY3A and NX3A finished nearly tied with 219 and 216 QSOs each, respectively. AE0MO and N8II rounded out the top-5 on 20m SSB with an identical 213 QSOs.

The overall SSB QSO leader was NX3A, who posted 317 QSOs after log checking. A short distance behind him was N2BJ, who also exceeded 300 QSOs after log checking. KC8QDQ nearly got there with 278 QSOs and finished with 53 valid counties on SSB, tops for the contest.

On CW, K9CT extended his dominance, as expected for the top finisher on 20m CW and 40m CW in a contest that emphasizes 20m and 40m. VE3NNT was just over 100 QSOs behind Craig, followed by K3WW, K7SV, and K9RS. The county sweep was widely available on CW in 2021, with 21 stations achieving a CW-only sweep of Florida's 67 counties.

FQP 2021 - Top QSOs by Band/Mode; Top Mults											
Non Florida											
40 CW		20 CW		15 CW		10 CW		CW QSOS		CW COUNTIES	
K9CT	247	K9CT	344	LW3EX	44	(NONE)		K9CT	619	21 TIED WITH	67
WN4AFP	198	WA3HAE	312	NV9L	30			VE3NNT	513		
K7SV	190	VE3NNT	306	K9CT	28			K3WW	473		
VE3NNT	189	K3WW	301	KH6LC	24			K7SV	426		
K4BYN	179	WI9WI	275	K5XS	21			K9RS	425		
40 SSB		20 SSB		15 SSB		10 SSB		SSB QSOS		SSB COUNTIES	
NX3A	101	N2BJ	280	YY5RAB	8	(NONE)		NX3A	317	KC8QDQ	53
K9RS	58	KC8QDQ	225	K5XS	3			N2BJ	302	N2BJ	51
AA1SU	53	NY3A	219	HC5DX	3			KC8QDQ	278	AE0MO	51
KC8QDQ	53	NX3A	216	4 TIED WITH	2			NY3A	264	K9RS	50
KM4OZ	51	AE0MO	213					AE0MO	250	NX3A	49
		N8II	213							NP2X	49
		TOTAL QSOS					TOTAL COUNTIES				
			650					K9RS	117		
			625					N2BJ	116		
			623					K3WW	115		
			619					NY3A	114		
			594					N8II	112		
								NP2X	112		
Florida Fixed Stations (excluding 1x1s)											
40 CW		20 CW		15 CW		10 CW		CW QSOS		CW MULTS	
N4FCG	573	N4FCG	942	NN7CW	102	K4EU	3	N4FCG	1539	N4FCG	84
NN7CW	568	NN7CW	815	AD4ES	51	N4A	2	NN7CW	1485	N4T	81
N4T	508	N4KS	748	KE4Q	44	KE4Q	1	N4KS	1191	NN7CW	78
N1TO	498	N4O	685	W4FCG	36	N4EEB	1	N4T	1190	N4O	76
W4CU	434	N4T	672	WB4TDH	31	W4LT	1	W4CU	1061	N4KS	75
						W2XYZ	1			WB4TDH	75
40 SSB		20 SSB		15 SSB		10 SSB		SSB QSOS		SSB MULTS	
K4SBZ	512	N4WZ	1255	W2PH	14	W4AC	6	N4WZ	1565	N4O	79
W4MLB	464	K4KKC	1017	N4DAB/LAK	7	K4KKC	4	K2WLS	1362	K4KKC	75
W2PH	421	K2WLS	991	AC3AV	4	KE4Q	3	W2PH	1145	N4T	74
W4AC	402	N4O	809	KN4SWS	4	K3SY	2	K4KKC	1078	N4WZ	71
K2WLS	371	K4LM	754	NN4TT	3	KQ3K	1	K4LM	1031	NL7WA	71
		TOTAL QSOS					TOTAL MULTS				
			2054					N4O	155		
			1774					N4T	155		
			1688					N6AR	144		
			1565					N4TP	137		
			1539					WT4O	132		

Florida Results

N4 S H A R K 1x1s

There was something in the water for the 2021 FQP, and it drew quite a crowd of carnivorous cartilaginous fish. Congratulations to K1MM and N4UU, who piloted N4UU's station in ALC to a decisive win in the special 1x1 category signing N4H. Bill and Martin led the field on both CW and SSB QSOs by a comfortable margin. They led all the 1x1s on 20m and 40m CW and SSB. They were just a whisker below the overall record for special 1x1s, set by K1TO and K1XA as K4N @ K1TO back at the top of the last cycle.

In second place among the 1x1s was K5KG's multi-op team operating as N4A from George's well-engineered station in SAR. George put together a team of four operators who nearly managed to break 3,000 QSOs after log checking, finishing with 2,946. George's team was particularly strong on 20m SSB, where they exceeded 1,400 QSOs. They also took the time to find some QSOs on the high bands, as they managed 77 QSOs on 15m CW and two QSOs on 10m CW to go with 7 QSOs on 15m SSB and 16 QSOs on 10m SSB. They were the only 1x1 team to make any QSOs on 10m on either mode, and their 7 QSOs on 15m SSB trailed N4H by 1 for tops on that band-mode as well.

In third place among the 1x1s was the 2-man team signing N4S from N4WW's big station in ORA. N4WW and FCG president W4WF operated Doc's big hardware to nice totals on all bands. However, they spent too much time with only one station on the air and fell short of the more dedicated entrants at N4H and N4A.

Next on the 1x1 leaderboard was N4R by KK4TE and N4OX at N4OX's station in ESC. They used their far northern location to their advantage on 40m, finishing with 495 40m SSB QSOs, the second-highest total on that band-mode behind N4H.

Last but not least of the 1x1s was the lone single-op 1x1. NF4A was very active from his station in BAY as N4K and turned in a supremely balanced log, with more than 1,000 CW QSOs to go with 1,223 SSB QSOs as well as the smallest error rate of any of the 1x1 entrants.

Florida Fixed Stations

Florida Single-Op Mixed

It's a repeat win for KE4Q (ex WD5F) who piloted his modest station in SW Florida to a win in single-op mixed in 2021. Fred also won the category in 2020. He used 100w and reeled in big numbers, particularly on CW with nearly 900 QSOs and a very impressive 71 multipliers.

In second place was W3US from The Villages in SUM. Roger and his wife were full-time RV-ers at one time, but they have settled full-time in The Villages. Roger took advantage of the 2x LP multiplier and a very competitive 70 CW multipliers to counteract his relatively lower SSB totals.

In third place was former CQWW Contest Director N6AR. Larry left his amplifier on at his FB station in ORA and ran up big numbers, particularly on SSB where he had more than 800 QSOs and 70 multipliers, both tops in the category. His CW multiplier was also tops in the mixed group, though his QSO total was a little less than KE4Q and AI4WW.

In fourth place in Mixed overall, and tops in the QRP mixed category was K3TW. Tom operated from his all-wire antenna farm in CIT and took full advantage of the 3x QRP score multiplier to post a very admirable score. Tom also had the lowest error rate in the mixed mode category at 0.8%.

AI4WW showed his preference for CW, finishing with 919 CW QSOs, the most in the mixed category. Dan had a very admirable 71 multipliers as well, the same as category winner KE4Q and only three behind N6AR. However, AI4WW left his microphone in the box for too long, as his 225 QSOs and 49 multipliers on SSB after log checking were decidedly below average for a high power mixed entrant.

Single Op Assisted Mixed

Snowbird K9OM has a station in VOL where he spends the winter and spring each year. This year, Dick signed WT4O to win the Assisted Mixed category narrowly over WO4O signing N4O. WT4O took full advantage of the 2x LP multiplier to finish about 10% ahead of N4O. Dick's score represents a new record in mixed assisted LP.

WO4O operated N4O from his station in LAK, and finished a close second in the category. Ric had category-leading 76 multipliers on CW and a very impressive 79 multipliers on SSB to go with 851 valid SSB QSOs.

Single Op CW

Single-op CW again was the most popular category within Florida. The big winner in 2021 was W4SPR, who used his modest antenna farm in MRT to post 974 QSOs and a very impressive 74 multipliers with low power. Thanks to Spray for representing MRT so admirably following the untimely passing of K1PT, the longtime CW beacon in MRT. W4SPR also posted a very accurate log, as he finished with a 0.8% error rate, putting him comfortably on the log checking honor roll.

About 3% behind W4SPR, and also on the log checking honor roll, was KQ4R. Ed also used 100w and actually found 22 more QSOs than W4SPR. However, Spray found four more crucial multipliers after log checking to finish on top by a nose.

Close behind KQ4R was the winning HP entrant. N4BP chose to use N4FCG and eclipsed the HP CW record that had been held by K4LQ for several years. Thanks to his relentless efforts on the F1 key and his strong signal in EU, Bob worked the most multipliers of any in-state entrant on CW, with 84. Bob's log was also extremely accurate, as he wound up on the log checking honor roll with a sparkling 0.5% error rate.

Behind Bob overall, and in third place for LP was N4TB, who chose to sign W4FCG from his station in HIG. Terry won this category in 2020 and set the current record. This year his QSO totals were competitive with KQ4R and W4SPR, but his multipliers fell just a bit short of the category leaders.

WB4TDH, operating from his station in PIN, had the opposite problem. Andy's multiplier total after log checking was more than W4SPR's, but his QSO count was wanting. Andy's accuracy continues to impress, and he gave himself as much of an advantage as he could by finishing without a single detectable error in his log. His 767-QSO golden log is as large as any in my memory. Kudos!

NN7CW also ran high power from his station in LAK and nearly equalled N4FCG's QSO total. Wolf's 78 multipliers were second most in the category but not enough to overcome Bob's advantage.

Single-Op Assisted CW

BRE was crowded with Assisted CW entrants, but N8KH came out on top of the pack, finishing with 650 QSOs and 68 multipliers to lead the way.

Behind Ken, also from BRE, was AA4NP. Jim piloted his concealed HOA-proof wire and 100w to a fine finish in the category, only one multiplier behind N8KH.

The token non-BRE at the top of the standings was K2ZR, who traveled down from NY to operate from his winter home in MON. Dick uses a simple wire antenna from his shack on Key West, the southernmost ham shack in the continental USA (as his QRZ.com page proudly advertises).

Single-Op SSB

Traditionally the path to success in FQP is for CW-only and mixed entrants to run LP to take advantage of the 2x score multiplier. However, phone-only winners typically forego the 2x multiplier to run HP and draw casual operators in like moths to a flame. However, 2020 saw that dominance end with K2WLS' win in the SSB-only category. Dawn used 100w from K4LAW's station in HIL and pulled off the upset win over perennial favorite N4WZ in 2020.

They say imitation is the sincerest form of flattery. For 2021, N4WZ decided to leave his amplifier out of the circuit and operate barefoot only. It was a clash of the titans between Jeff and Dawn, but N4WZ came away with a win by about 19% when all was said and done.

Jeff had a very admirable 1565 QSOs after log checking to go with a very impressive 71 multipliers,. K2WLS' accuracy was top-notch as she finished on the log checking honor roll with a 0.9% error rate after log checking. Her 1362 valid QSOs and 68 multipliers just wasn't quite enough to repeat as SSB-only champion. Dawn easily won the top-scoring YL plaque again, and she's right there in the hunt for the SSB plaque. No doubt she's warning Jeff to watch his back in 2022.

Also exceeding 100k after log checking was NL7WA, whose nose for multipliers kept him in the hunt despite a more anemic QSO total of only 725. John's experience on the other side of the pileup from AK stood him in good stead in the FQP, and we hope to see him back in the future representing the USCG and Hernando county proudly!

Single-Op SSB Assisted

Up is down and black is white in the Assisted SSB category as well, as NN4TT piloted his station in the shadow of N4WW's towers in ORA to a big win in his category while the filaments in his amplifier remained un-energized. Dave scored a very impressive 68 multipliers to go with 858 QSOs after log checking to win the SSB-assisted title.

Behind Dave thanks to the scoring calculation was K4KKC, who ran HP from his station in suburban BRO and exceeded 1000 QSOs after log checking. Alain also finished with 75 multipliers; a very impressive total and tops among the SSB-only entries.

Close behind Alain was K4SBZ. Stan chose to use HP from his all-wire home station in LEO, and finished with nearly 1000 QSOs and 67 multipliers, making the capital county easy for everyone.

Florida School Club Mixed

It was our pleasure to have the ops at K4WTL in ALC operate the FQP again in 2021. W4GJ leads this group, which this year included two students including Eliza, who is yet unlicensed but knows the code, as proven by their 538 CW QSOs using low power. Their SSB effort was more nominal with 73 QSOs but an impressive 26 multipliers, a very admirable ratio.

Florida Multi-Op Single Transmitter

The FQP scoring does not differentiate between single-mode and mixed mode entries in multi-single, but we had several entrants who chose to operate only SSB or only CW, so we separated them in the results listing for ease of reference.

Congratulations to the team at N4TP, who operated the TARC's FB station remotely to a very impressive win in the category. The TARC crew included AE4AW and KM4SQS from the Tampa area as well as KI6RRN, who remotored in from California to help out. TARC has a very well-appointed station in East Tampa, with three towers with tribanders as well as a 2-element 40m yagi on the tallest tower. Using just 100w from their Flex remote station, the TARC crew managed a very balanced 876 QSOs on CW and 812 QSOs on SSB. Their CW multiplier count was a little better than the SSB multiplier count, reflecting the relative emphasis on CW activity in the FQP as well as the improved SNR of CW with 100w only. Their 73 CW multipliers was as good as any LP entrant in any category. CW-only winner W4SPR, with 74 multipliers after log checking, was the only LP entrant to eclipse their total. Their 64 SSB multipliers was also very competitive. The operating crew also did themselves a favor with their accuracy, as they landed on the log checking honor roll with a sub-1.0% error rate.

Close behind N4TP was a two-man crew operating from AD4ES' station on the opposite side of the peninsula. Chuck and longtime DXpeditioner W4SO showed their preference for CW, with 948 QSOs there, comfortably ahead of their rivals in HIL. However, they were short on SSB QSOs and, more importantly, multipliers, as they had only 352 and 53, respectively.

Eschewing SSB entirely were the two operators who put the Boca Raton ARA's club station on the air. DXpeditioner W2LK and VHF and microwave guru K1DS activated the club station part-time and finished with almost 400 QSOs and 64 multipliers after log checking.

There were three entrants who left their CW keys disconnected and operated SSB-only. The team from the Lighthouse ARA, using K4LM in memory of former FCger and LARA member Vant Morrell K4LM exceeded 1000 QSOs and had 61 multipliers to finish at the top of the heap.

Florida Multi-Op Multi Transmitter

Two previous winners of this category went up against each other in 2021, and after log checking the team in BRE pulled out the win thanks to the 2.0x LP score multiplier.

The Platinum Coast ARS in Melbourne activated their club shack, with a tribander and 40m yagi and two operating positions. They managed a very impressive 698x66 on CW and 788x60 on SSB to finish above the 500k mark. Their SSB multiplier total was very competitive with the other LP entrants.

The group from the Suwannee ARC operated as N4T from their club shack outside Live Oak in SUW. They left the amplifiers on and mustered some big numbers, particularly on CW where they exceeded 500 valid QSOs on 40m alone to go with over 600 QSOs on 20m. Their CW multiplier totals were second only to N4BP operating as N4FCG. They made sure that SUW would not be hard for anyone to find on CW or SSB.

Finally, a group from Southwest Florida operated SSB-only from K0AL's station in SAR and managed almost 1000 QSOs after log checking to go with 62 multipliers while training a number of new contesters.

Florida Mobiles

Florida Single-Op Mobile Mixed Mode

K8MR was the sole entrant in this category this year. Jim's route took him through 19 central Florida counties where he scored a very impressive 2,287 CW QSOs and 68 CW multipliers. Jim's SSB totals are equally impressive, as he leveraged the extra multipliers to break the elusive 1 million point mark, joining an exclusive club alongside K4OJ (CW-only multi-multi mobile) and K4KG (Mixed mode Multi-Single Mobile) as the only entrants to achieve that feat. Jim also set a new record in his category.

Florida Single-Op Mobile SSB

K1KNQ used K4FCG on his 13-county route. Jack used 200w from his TS-480 this year, but it is still tough to make a dent in the ionosphere using a mobile antenna on SSB. Jack made almost all of his 182 QSOs on 20m but I know he's hoping for improved conditions in the future as mobile antennas are significantly more efficient on 20m and 15m than on 40m.

Florida Single-Op Mobile Plus Driver CW

Congratulations are in order to big scorer AD4EB and his wife Melody KI4HVY for their huge performance in this category. In 2019, Jim and Melody drove to Florida and turned in a big log with > 3000 QSOs. That year, they came up just short of the NX4N record for SO Plus Driver CW due to a lack of multipliers compared with Chris' efforts at the top of the last cycle. After a one year hiatus due to COVID, Jim and Melody returned to the roads in 2021 and smashed the record with a huge 3400 QSOs and 68 multipliers. As solar conditions improve, all the mobiles should be able to push their multiplier totals higher and higher. The top LP mobile multiplier is 77 by K8NZ and K1TO signing N4TO from 2011, so numbers in the 70's are definitely possible with 100w and mobile antennas.

Jim's final numbers are particularly staggering when compared with the K4OJ numbers. With dedicated operators and stations on 20m and 40m for almost the entire 20 hour contest period, AD4EB finished within just a whisker of K4OJ on 20m (2,516 vs. 2,439). The delta on 40m was more considerable (1,752 vs. 968), but consider that for most of the contest while Kevin was working at relatively slow rates on 40m during the day Jim was on 20m not adding to his 40m totals at all.

Florida Multi-Single Mobile CW

The quintessential FQP mobile entry, this category involves two (or more) friends getting together, installing a mobile radio in a vehicle, then trading off for the weekend with one operating and one driving. Some teams swap every hour, others run longer shifts, but it's a great exercise in teamwork. All three entries in this category exceeded 1,900 QSOs after log checking, which means they achieved a minimum average rate of 95 QSOs per hour. VFB!

The winner of this category is a previous winner of the Expedition category. Bert N4CW, accompanied by his son-in-law W4TMO, used Bert's winter home on Florida's east coast as a base and covered 57 counties, a very admirable total. They achieved an impressive 2,707 valid QSOs after log checking, and an extremely impressive 70 multipliers, two more than anyone else in the mobile category was able to achieve. Bert and Jim coupled their high rate with a very admirable error rate, just slipping outside the log checking honor roll.

Close behind N4CW were the ringers from the peach state. KU8E and K4BAI drove down from their homes in Georgia and used the W4AN callsign as they have for a number of years. They netted 2,416 valid QSOs and 66 multipliers in their 33 county trip. Jeff and John did themselves as many favors as they could with their log accuracy, finishing comfortably on the log checking honor roll with a 0.7% error rate, the only mobile entry (regardless of category) to dip below 1.0%.

N4FP, with teammate K2PS, finished in third in this very competitive category. Wayne and Pete navigated to 31 counties and logged 1,915 QSOs in the process; a very impressive total. They had a nose for multipliers as they finished just a handful off the pace. All of the mobile cw-only entrants logged at least 65 multipliers, but nobody had more than 70, a testament to all the teams doing a great job finding activity on the bands.

Florida Multi-Multi Mobile CW

Yes, you read that right, multi-multi mobile! NX4N and his crew signed K4OJ and operated mobile with two simultaneous transmitters in Chris' Toyota Sequoia again in 2021, and turned in a second score of > 1M points after log checking! Excellent job!

Their 46-county route included stops in MON (after a loooooong slog through CLR) as well as a number of other rare SFL counties. By virtue of having dedicated operators on 20m (and a 40m/15m operator in N4KM who spent virtually all his time on 40m) the K4OJ numbers set the standard for all the mobiles on the money bands on 20m and 40m. Kevin lapped the field on 40m with 1,752 QSOs; the only team to break 1,000 in the contest. AD4EB was closest with 961 after log checking. K0LUZ, who spent the entire contest on 20m from K4OJ/m, finished with 2,516 QSOs, representing a more narrow victory over AD4EB's 2,439. Their route started and ended in central FL both days so that the team can overnight at NX4N's house in HIL. No word yet on how his move to PAL since the last FQP will affect their plans in the future, but I'm assured that all systems are go for the 2022 K4OJ FQP effort. Though their 2021 log included only 41 QSOs on 15m after log checking, Chris and team are anticipating the upswing in Cycle 25 and are planning for a full-time 15m operator in 2022. That means N4KM will be splitting time between 40m and 10m, so if 10m shows some sporadic E the K4OJ team will be there to capture those QSOs, so keep an ear tuned to 10m CW from outside FL to make the most of those opportunities.

Florida Expeditions

We added the Expedition category about three years ago to more accurately capture those entries who use “more than mobile” antennas while stopped in some number of counties during the FQP. It’s open to ops who travel away from their home station and set up temporary antennas at a campground or other site where there is no existing station, even if they operate from one county for the entire 20 hour contest period. It is also permitted to operate from multiple counties with a temporary antenna whether or not that antenna is capable of operating while in motion. The thought was to give a better home for those stations than mobile, where they might have a significant antenna or power advantage over their competitors, or fixed stations, where they may be at a significant antenna or power disadvantage.

Expedition Mixed Mode

The winner of the Expedition mixed mode category is AA4TI. Steve covered eight counties on his route and heavily emphasized CW, finishing with 1,555 QSOs and 65 multipliers. His totals compared very favorably with the mobile operators despite operating from significantly fewer counties (where he could work the same loud stations each time) demonstrating his antenna’s effectiveness. Steve spent relatively little time on SSB, but still managed 239 QSOs and 35 multipliers after log checking.

K4QD traveled from BRE in his motor home to also cover eight counties and finished in second in the Expedition mixed mode category. Jan travels a great deal around the country with his wife Joyce in their motor home and has developed a very effective antenna system that he can deploy quickly at each stop. Jan also spent the majority of his time on CW as he finished with almost 1,000 QSOs and 62 multipliers.

W4MY traveled down to Florida from his home in NC and operated as an expedition in SUW. Continuing the trend, Marty also operated primarily on CW and made only a token effort on SSB.

Expedition CW

K2CIB operated CW-only from four counties in central Florida. He averaged just over 100 QSOs per county and made sure that those counties were widely available for all stations, as all but one had no fixed station entrants.

Expedition SSB

NN2T was a primary reason that we implemented an expedition category, and Richard’s county line expedition to BAK and CLM allowed many out of state entrants to log those counties. CLM is one of the more common counties on CW as it is the site of the I-10/I-75 interchange, so there is lots of mobile traffic through there. However, there is relatively little mobile activity on SSB so Richard’s efforts to make it available are much appreciated.

Expedition Multi-Op Mixed

While all the other Expedition entrants chose to operate by themselves, we permit Expeditions to operate M/S or M/2 if they wish. The group from Daytona Beach CERT operated N4DAB from seven counties in central Florida on Saturday only and made a very impressive showing, particularly on CW.

County Sweeps

Our thanks to every in-state operator who took time to get on from rare counties to make sweeps possible. The first seven sweeps in 2021 were earned on day one, and it was again possible to make a sweep by lurking entirely in the mobile windows. The first unassisted sweep was earned by WA3HAE who worked K4PV, a fixed station in SAN for his #67. A number of counties with large cities were still relatively rare. Final counties were concentrated in the panhandle and big bend area, but there were enough exceptions to that rule as well. Some of the more difficult counties elsewhere in the state included STJ, which includes St. Augustine, the oldest city in America, as well as STL, on the northern fringes of the West Palm Beach metroplex.

SWEEP	CALL	QTH	CATEGORY	PWR	TIME	QSO WITH	CTY	#66	QSO WITH	CTY	DAY 1
MIXED	K3WW	PA	SINGLE OP ASSISTED MIXED	HIGH	2211	K4OJ	LEV	2156	K8MR	HEN	67
CW	K9CT	IL	SINGLE OP ASSISTED CW	LOW	2306	K8MR	CLR	2301	AD4EB	STL	67
CW	K3WW	PA	SINGLE OP ASSISTED MIXED	HIGH	0019	K8MR	LEE	2305	AD4EB	STL	67
MIXED	K8MM	MI	SINGLE OP ASSISTED MIXED	HIGH	0024	K4PV	SAN	2303	AD4EB	STL	67
CW	K8MM	MI	SINGLE OP ASSISTED MIXED	HIGH	0024	K4PV	SAN	2328	K8MR	CLR	67
MIXED	K9RS	DE	SINGLE OP ASSISTED MIXED	HIGH	0028	K4PV	SAN	2212	K4OJ	LEV	67
CW	WA3HAE	PA	SINGLE OP CW	LOW	1213	K4PV	SAN	0007	K4OJ	HER	66
CW	VE3NNT	ON	SINGLE OP ASSISTED CW	HIGH	1239	W4AN	JEF	2353	AD4EB	OKE	66
MIXED	K7SV	VA	SINGLE OP MIXED	LOW	1617	AD4EB	HAM	1341	W4AN	FRA	63
MIXED	N2BJ	IL	SINGLE OP ASSISTED MIXED	HIGH	1730	AD4EB	JEF	1547	AD4EB	CLM	63
CW	W1WEF	CT	SINGLE OP CW	HIGH	1730	N4CW	OKE	1540	N4FP	NAS	61
CW	K7SV	VA	SINGLE OP MIXED	LOW	1742	N4CW	STL	1617	AD4EB	HAM	62
MIXED	NV9L	IL	MULTI SINGLE MIXED	LOW	1841	W4SYV	STL	1241	W4AN	JEF	65
CW	W1TO	MA	SINGLE OP CW	HIGH	1916	N4FP	TAY	1841	N4FP	LAF	55
MIXED	K6LA	CA	SINGLE OP MIXED	HIGH	1935	W4AN	WAG	1653	AD4EB	MAD	65
CW	K4RUM	NY	SINGLE OP ASSISTED CW	HIGH	1942	W4AN	WAG	1757	W4AN	GAD	57
CW	K1GQ	NH	SINGLE OP ASSISTED CW	HIGH	1954	N4CW	SEM	1900	W4TJM	POL	54
MIXED	K3WJV	PA	SINGLE OP ASSISTED MIXED	HIGH	2012	AD4EB	HOL	1943	N4FP	TAY	61
CW	K3WJV	PA	SINGLE OP ASSISTED MIXED	HIGH	2012	AD4EB	HOL	1943	N4FP	TAY	61
MIXED	NY3A	PA	SINGLE OP ASSISTED MIXED	HIGH	2025	W4AN	WAL	1954	W4AN	HOL	61
CW	NY3A	PA	SINGLE OP ASSISTED MIXED	HIGH	2025	W4AN	WAL	1954	W4AN	HOL	61
MIXED	K0HC	KS	SCHOOL MIXED	HIGH	2054	AD4EB	OKA	2033	N4FP	LEV	64
CW	K1EBY	CT	SINGLE OP ASSISTED CW	HIGH	2054	AD4EB	OKA	1740	N4CW	STL	63
MIXED	OM2VL	OM	SINGLE OP ASSISTED MIXED	HIGH	2057	AD4EB	OKA	1225	K4PV	SAN	65
CW	OM2VL	OM	SINGLE OP ASSISTED MIXED	HIGH	2057	AD4EB	OKA	1749	N4CW	STL	64
CW	W5TM	OK	SINGLE OP ASSISTED CW	HIGH	2104	AD4EB	OKA	1757	W4AN	GAD	63
CW	K9CW	IL	SINGLE OP ASSISTED CW	LOW	2110	AD4EB	OKA	1952	AD4EB	WAG	64
MIXED	WI9WI	WI	SINGLE OP MIXED	HIGH	2115	AD4EB	SAN	1725	AD4EB	JEF	65
CW	WI9WI	WI	SINGLE OP MIXED	HIGH	2115	AD4EB	SAN	1725	AD4EB	JEF	65
CW	W8PI	MI	SINGLE OP ASSISTED CW	HIGH	2117	AD4EB	SAN	2107	AD4EB	OKA	65
CW	NV9L	IL	MULTI SINGLE MIXED	LOW	2129	N4CW	STJ	1241	W4AN	JEF	65
CW	K9RS	DE	SINGLE OP ASSISTED MIXED	HIGH	2136	AD4EB	ESC	2031	K4OJ	STL	64
CW	AA7V	AZ	SINGLE OP CW	HIGH	2138	AD4EB	ESC	2055	AD4EB	OKA	56

Non-Florida Results

Non-Florida Single-Op Mixed

Two PVRC titans were separated by < 1% for the top single-op mixed score from outside of Florida. In the end, it was K7SV who eased past N8II by an incredibly narrow margin to take the title.

Lar emphasized CW and finished with a county sweep on CW. Jeff emphasized SSB and spent some time trolling 20m SSB for Floridians who might not otherwise be in the contest but who would give a QSO to the friendly-sounding West Virginian. As a consequence, Jeff finished with more total QSOs than Lar and more SSB multipliers, more than offsetting his CW multiplier deficit. However, the higher

point value of Lar's CW QSO advantage narrowly carried the day. Lar's 81-QSO and 2 multiplier edge over Jeff on CW was enough to overcome a 111-QSO and 7 multiplier deficit on SSB in favor of Jeff.

The big difference in their scores was in two band-modes. Lar had the advantage on 40m CW (83 QSOs) and Jeff had a huge advantage on 20m SSB (128 QSOs). One more multiplier for Jeff on either mode would have been enough to put him in first place rather than Lar.

W0PI finished in third place in single-op mixed mode from his station in MN. Gene didn't make the CW sweep but he had a nose for multipliers in his limited time on, finding 64 counties on CW in only 220 QSOs. Half of his SSB QSOs were multipliers. Gene did just enough to hold off former FQP mixed winner W8MJ.

Close behind Gene was W8MJ. Ken is a former winner of the FQP mixed mode title and his experience and good location played in his favor in 2021. He finished with 201 valid CW QSOs and 82 SSB QSOs in a part-time effort. Ken managed to work more SSB QSOs than Gene to go with more multipliers, but W0PI's edge in CW mults and QSOs carried the day in the end.

Non-Florida Single-Op Assisted Mixed

VE3RZ left his amplifier in standby for the weekend but finished on the top of the heap thanks to the 2.0x multiplier for 100w stations. Congratulations to Tony for his outstanding result with 100w and a modest station in VE3! He beat some real big guns in his category despite not quite managing the county sweep on CW.

Close behind VE3RZ on the scoreboard were a trio of FRC stalwarts. K3WW always makes a big showing from his FB station in EPA, and 2021 was no exception. Chas had big numbers on CW and SSB, particularly on 20m. His CW totals compared very favorably even with the CW-only entrants, and with the advantage of the cluster his accuracy was also exceptional, as his error rate was a minuscule 0.3%.

K9RS operated from his station in DE, making a relatively rare stateside multiplier available for lots of stations in FL. Ray had quite a nose for multipliers on SSB, as he found two extra multipliers compared with K3WW. However, his QSO count on CW was a little short of what would have been required to top Chas in the final standings. Ray also used high power.

Only 1.4% behind K9RS was NY3A. Steve also left his amplifier on and achieved the sweep on CW. NY3A was more active on SSB, than K9RS or K3WW, finishing with a QSO advantage of 95 over K9RS. Kudos to K9RS though, because even with a 95-QSO deficit, Ray found 3 more counties on SSB after log checking.

Non-Florida Single Op CW

The most popular category for non-Florida entrants in most years is single-op CW, and 2021 was no exception. We received 166 logs in this category in 2021. The winner was a previous mixed-mode winner of FQP. Congratulations to WA3HAE for adding to his already-impressive collection of FQP plaques! FB! Keith is a state QSO party machine, with loads of experience chasing mobiles through

states all over the country. His experience showed in his phenomenal error rate in the 2021 FQP. As he had only a 0.3% error rate across nearly 400 QSOs and achieved the CW sweep.

Finishing second behind Keith was another previous FQP winner. VE3KZ chose to operate QRP to take advantage of the 3.0x power multiplier for the intrepid 5w operators. Ken made all of his QSOs on 20m and 40m but found a very competitive 61 multipliers, a tie for the highest multiplier total among the QRP entrants.

In third place in the category was KM6Z (ex UY5BZ). Vlad used 100w from his station in OH and turned in a very impressive 252 QSOs. He was not able to achieve the sweep but he had a nose for multipliers as he found 63. Unassisted sweeps weren't common in 2021 in the CW-only category (WA3HAE had the only unassisted LP or QRP sweep) so Vlad's 63 counties was among the top in the category.

Finishing in fourth, and tops among the W6/W7 contingent, was WJ9B. Will, a former Floridian, operated from his station in ID using 5w. As expected, Will made most of his QSOs on 20m but he also made a not-insignificant effort on 40m. A combination of poor band conditions and the activity patterns of the FQP kept him from making any QSOs on 15m this year, but as Cycle 25 ramps up and 15m remains reliably open for the west coast, we hope that stations like Will in W7 (and in-state entrants) will find more and more activity on the high bands.

Behind Will in fifth place was KV8Q in Ohio, who also elected to use 100w. Tom uses a very modest station with a magnetic loop in the eaves of his garage at 15' above ground level, but he still managed to connect with 60 counties in his 220 QSOs. VFB!

Single-Op Assisted CW

There were big scores to be had in the assisted CW ranks. As you would probably expect when all entrants are permitted to use assistance, county sweeps were much more common than in the unassisted categories. There are also relatively fewer QRP entrants and more HP entrants as an overall percentage. I suspect that there are lots of entrants who want to give themselves every chance to work a lot of multipliers and make the sweep regardless of score. It works well, as there were lots of sweeps with relatively few QSOs in this category, so if that's the operating challenge that motivates you, then we're glad to oblige.

Congratulations to K9CT for another big win in Single-Op Assisted CW. He powered past everyone in the CW-only categories with more than 600 QSOs and a county sweep. Craig used his large station to full advantage as he logged big numbers on 40m and comparatively large numbers on 15m to go with his outstanding 20m score.

Behind Craig was another IL station with a similar callsign. K9CW logged 345 QSOs and a county sweep in limited time also using 100w. Drew nearly won the golden log plaque, as his 345 QSOs survived intact through our rigorous log checking process. Kudos!

VE3NNT finished in third place in the category from his station in ON. Les had 513 QSOs and a county sweep, but chose to use high power which let Drew slip ahead of him in the final score calculation. Les' accuracy was commendable, as he finished on the log checking honor roll with a 0.8% error rate.

USA/Canada Single-Op SSB

The winner of the domestic SSB category ran away from everyone in the group in both their multiplier and QSO totals. Congratulations are due to NX3A, who logged a very impressive 317 QSOs from his QTH in VA. Carl's QSO distribution was a little bit unusual from W4, as he made more QSOs on 20m than 40m, showing the improving solar conditions during the 2021 FQP. Carl's multiplier total of 49 was also tops among the unassisted phone only crowd.

Second and third place in single-op SSB were separated by a single QSO and just a handful of multipliers. K2RET found his way on top by less than 1% over previous winner W1KDA. 'KDA did himself as many favors as he could by finishing with a perfect log – no QSO reductions in his 96 QSOs. However, K2RET found three more critical multipliers allowing him to finish ahead by a nose.

USA/Canada Single-Op Assisted SSB

While there is no phone skimmer available yet, it is an advantage to have packet connected on SSB, as the top finishers in the Assisted category had more multipliers than the Unassisted winners. We are still searching for our first SSB sweep (or double sweep) in quite some time. The closest this time was KC8QDQ, who had 53 multipliers to go along with 278 QSOs to lead the category. Jeremy left his amplifier online as you would expect from the moderator of the HF Amp Builders page on Facebook.

AE0MO finished in second place in the category with a very impressive 250-QSO log and 51 multipliers from his station in KS. We hope Kevin was able to enjoy a plate of his award-winning spareribs during the FQP, as the photo on his QRZ.com page certainly looks appetizing!

W3MAM finished in third place in the Assisted SSB category. Dave is a relatively new ham, and we're glad to see that he's enjoying contesting and doing very well. Dave used 100w to take advantage of the 2.0x score multiplier, and finished with 109 QSOs and 45 multipliers, a very impressive total!

USA/Canada School Mixed

W0BH piloted the K0HC club call to another win in the school club category outside Florida in 2021. Bob made the log checking honor roll with a 0.7% error rate and managed a mixed sweep but missed the CW sweep by three counties.

USA/Canada Multi-Op Single Transmitter Mixed

Congratulations to part-time Floridians NV9L and WB9Z for their convincing win in MS Mixed mode from their station in IL. Val and Jerry finished with 367 CW QSOs and a county sweep to go along with 166 QSOs and 41 counties on SSB. Val and Jerry left their amplifier offline but still managed a very competitive total on SSB, including a couple of QSOs on 15m SSB. We hope to see all four FQP bands opening up in 2022 so that stations like NV9L can find some Floridians on 10m as well.

Second place in the category goes to VE9BK and VE9ML in a part-time effort. The two NB-ers made a lot of hay on 40m for being so far north, and their error rate was a sparkling 0.3%!

DX Single Op Assisted Mixed

OM2VL is a regular in state QSO parties all over the country as Laci works on finishing his USA-CA award. He has worked and confirmed all counties in Florida, but we thank him for taking the time to show up every year and turn in a big score. This year his nose for multipliers and his big signal on CW allowed him to win the category over previous winners NP2X and I4VEQ. Laci had 325 CW QSOs and a county sweep, which was comfortably ahead of any other DX entry. His SSB totals were a bit wanting compared with NP2X as he found 139 QSOs and 43 multipliers, but the edge on CW was more than enough to carry him through. All of the DX Single-Op assisted entries used high power.

NP2X has been known to dabble in SSB contests, but he showed his SSB chops by finding 49 SSB counties to go with 179 SSB QSOs from the USVI. Fred didn't quite make a clean sweep, missing two counties for a mixed sweep after log checking.

DX Single Op CW

Congrats to HI8A who logged 124 QSOs and 59 counties to lead the unassisted DX CW score table. The top of the score table was dominated by stations from South American and the Caribbean, as HI8A was followed by FG8NY and LW3EX. All three used 100w so they benefited equally from the score calculation.

DX Single Op Assisted CW

In contrast to the DX unassisted CW standings, the assisted CW standings were dominated by Europe. TM6M (op F1AKK) posted a very impressive 213x58 with 100w from the TM6M superstation in France.

With a little bit less of a geographic advantage, DL3DXX had to leave his amplifier on, but he was able to find 66 multipliers, just one short of a clean sweep. His 304 QSOs were just a few behind OM2VL for tops in EU.

Club Competition

Congratulations to Contest Club Ontario for their second consecutive win in the FQP club competition. As a reminder, following a rule adjustment for the 2019 FQP, club scores are calculated by totaling QSOs, excluding mobiles, expeditions, and special 1x1 bonus stations. CCO would have won by calculating the total club score anyway, but our rule peculiarity explains the order of finish from 2-4 below. All of the CCO points were earned by members in ON with the exception of one member operating remote from NC. As expected following the historic high water mark for submitted logs in 2020, the total number of logs for each of the top five clubs was down YOY, but CCO submitted the most logs of any club other than the FCG.

Our objective in calculating the club score in this fashion is to make small logs valuable, so additional QSOs at the margin in a small log (even few dozen QSOs) can and do make a difference in the final order of finish. We exclude mobiles, expeditions, and 1x1s in an attempt to make it more fair for clubs that don't have snowbirds living in or near Florida who might choose to operate as a mobile or expedition.

However, there are no geographic restrictions on the club that Florida and non-Florida fixed stations can attribute their score to, so we welcome members who are out of their club circle for many contests to attribute their score as they wish in the FQP.

Close behind CCO was the FRC, led by NY3A's big Single-op Mixed Score. Their 25 logs were all submitted from within their club territory.

Slightly behind FRC in number of QSOs, but actually ahead of them in total score was SMC. Led by K9CT's big score, they also submitted slightly fewer logs than in 2020. All of their logs were submitted from within their club territory as well.

PVRC finished in fourth, though their total club score was actually more than FRC and SMC. They were led by big scores from N8II and K7SV, and their geographic spread of entries was also more than most, including their club circle in W4/W3/W8 as well as WJ9B in ID.

Mobiles, Expeditions and 1X1s are not included in the Club listing.

<u>NON-FLORIDA CLUB</u>	<u>QSOs</u>	<u>SCORE</u>	<u>2021</u>	<u>2020</u>	<u>HIGHEST</u>	<u>QTH(s)</u>
Contest Club Ontario (CCO)	5228	1,051,333	36	43	VE3NNT	ON NC
Frankford Radio Club (FRC)	5114	812,136	25	34	NY3A	PA NJ DE VA NY
Society of Midwest Contesters (SOMC)	4160	849,316	30	36	K9CT	IL IN WI MI MO
Potomac Valley Radio Club (PVRC)	4138	851,724	31	36	N8II	VA MD NC WV ID DE
Yankee Clipper Contest Club (YCCC)	3704	558,870	24	39	K1JB	MA NH QC ME CT NY VT
Tennessee Contest Group (TCG)	3124	424,575	33	30	K4IE	TN IN
Minnesota Wireless Assn (MWA)	2262	470,766	17	23	WI9WI	MN WI IA
Niagara Frontier Radiosport (NFR)	2240	460,564	14	15	K2ZR	NY FL
Southern California Contest Club (SCCC)	1562	263,949	12	10	K6LA	CA OH NV
Mad River Radio Club (MRRC)	1471	288,894	13	14	W8MJ	MI OH
Alabama Contest Group (ACG)	879	115,928	4	7	K4PV	AL FL
Hudson Valley Contesters and Dxers (HVCDX)	865	126,686	7	3	K4RUM	NY
Arizona Outlaws Contest Club (AOCC)	839	111,899	6	15	KY7M	AZ
Metro DX Club	792	124,158	5	4	N2BJ	IL
Kentucky Contest Group (KCG)	700	90,956	7	10	ND4X	KY
South East Contest Club (SECC)	679	85,920	11	14	KT4Q	GA NC SC
Long Island CW Club	659	172,152	2	0	WF3T	NY FL
Central Texas DX/Contest Club (CTDXCC)	634	74,569	6	5	N5RZ	TX
Bavarian Contest Club (BCC)	629	80,032	5	5	DL3DXX	DL ON4
Deep Dixie CC	604	74,370	2	3	W5TM	OK TN
Northern California Contest Club (NCCC)	589	57,078	11	13	K6RB	CA
North Coast Contesters (NCC)	555	65,555	4	4	W9PA	OH IN
Swamp Fox CG	512	111,159	5	2	WN4AFP	SC
Kansas City Contest Club (KCCC)	496	102,690	4	3	K0VBU	KS MO
DFW Contest Group	473	83,382	5	9	WA8ZBT	TX OK
Milford ARC	451	27,418	2	1	W8UF	OH FL
Carolina DXA	442	89,644	4	1	N4IJ	NC
Willamette Valley DXC (WVDXC)	442	94,434	4	3	KA6BIM	OR WA
Rappahannock ARA	417	51,510	2	0	N4HB	VA
Orca DX/CC	355	36,725	7	2	VE7CV	BC
Saskatchewan Contest Club	341	50,470	3	0	VE5MX	SK
Maritime Contest Club	313	92,720	2	6	VE9ML	NB PE
Texas DX Society (TDXS)	313	28,244	4	3	K5TIA	TX
Lake Area AR Klub	311	44,982	4	5	KD2KW	TX
New Providence ARC	310	46,212	4	4	K2YG	NJ
Western Washington DX Club (WWDXC)	302	27,962	5	5	K7RL	WA
Portage County ARS	298	29,242	6	2	W8KNO	OH
Grand Mesa Contesters of Colorado (GMCC)	285	60,439	3	5	AD1C	CO
Candlewood ARA	276	53,576	2	0	W1QK	CT
Georgia Contest Group (GCG)	221	45,476	2	5	K4VBM	GA
Silver Comet ARS	157	4,284	5	3	K4SHW	GA
Big Sky Contesters	145	16,585	2	2	N9RV	MT
Dial RC	141	15,152	2	0	KD8W	OH
Loma del Toro DXC	109	4,588	2	2	HI3K	HI3
CTRI CG	90	10,170	2	4	K1ECU	CT RI
West Allis ARC	80	7,546	2	1	W9WLX	WI
Burlington County RC	76	6,398	2	1	K2SQS	NJ
Bolingbrook ARS	60	2,546	3	0	KD9HJR	IL
South Texas DX and CC	48	2,940	2	1	W5QLF	TX
Contest Group du Quebec	45	1,760	2	2	VE2EZD	QC
Arrow Communication Association	34	1,644	2	0	KB6NU	MI
Snohomish County Hams Club	21	592	2	2	N7AME	WA

<u>FLORIDA CLUB</u>	<u>QSOs</u>	<u>SCORE</u>	<u>2021</u>	<u>2020</u>	<u>HIGHEST</u>
Lighthouse ARA (LARA)	4692	614,742	5	5	N4WZ
Tampa ARC	3151	884,566	3	2	N4TP
The Villages ARC	1509	403,662	9	12	W3US
Tamiami ARC	1464	159,460	6	1	W4AC
ARASWF	1068	144,022	7	3	K9DY
Platinum Coast ARS (PCARS)	1057	161,952	2	4	W2PH
Boca Raton ARA	819	174,518	3	1	N4BRF
Silver Springs RC	573	57,972	5	8	WA3LXD
St Petersburg ARC	223	37,007	2	1	AA0O
Lake Monroe ARS	212	32,786	2	0	K4AHO
Florida Contest Group (FCG) - SPONSOR			53	55	

The following Clubs had one entry, so they were not included in the Club listing:

Aardvark Wireless Group, Albuquerque DXA, Aripa DX Team, Bay Area DXers, Beemster CC, Bellbrook ARC, Burlington ARC VE3CJ, Butts Co. Aux Comm Group, Central VACC, Chiltem DXC, Clearwater ARS, Columbia Area RA, CSU Pitesti, Cuyahoga ARS, CWJF, Dayton ARA, Douglas County ARC, Driftless Zone Contesters, Eastern CT ARA, Eastern Ohio Contesters, Florida Weak Signal Society, Fort Smith Area ARC, Fort Wayne RC, Fox Cities ARC, Gold Coast ARA Inc, Goshen ARC, Grand Strand ARC, Granite State ARA, Great Places CC, Great South Bay ARC, Hamilton ARC, Hassayampa ARK, Hazel Park ARC, Hesston College ARC, Iowa DX/CC, Jefferson ARC, KARS, Lofton HS ARC, Louisiana CC, MARCI, Martin County ARA, Maui ARC, Monroe County ARS, Mother Lode DX/CC, MSUARC W8SH, North Fulton ARL, North Port ARC, NE MD ARCS, N KY ARC, Not Quite Workable CC, OCRA, Orange Park ARC, Pacific Northwest VHF Society, Palatka ARC, Palm Bay ARC, Palms West ARC, Panama City ARC, Patoka Valley ARC, Pottstown ARC, PSL ARA, QSY Society, Queen City Emergency Net, Quinte & Prince Edward RCs, Radio Amateurs of N VT, RC Dominicano, RC Venezolano Caracas, Radiosport Manitoba, Redwood Empire DXA, Rochester (NY) DXA, San Diego CC, Sarasota Emergency RC, SARC, SEMDXA, Sierra Nevada ARS, Slovak Contest Group, Sooke ARA, South Jersey RA, SP DXC, St Louis ARC, Sterling Park ARC, Story County ARC, Sunday Creek ARF, Suwannee ARC, Tallahassee ARS, TCDA, Texas DXA, Thumb Area Contesters, Upper Pinellas ARC, USS Wisconsin RC, Utah CC, W0UK, Wayne County ARC, Weekend Warriors, Western IL ARC

Silent Keys

This is always a solemn section of the writeup to address. Undoubtedly the most prominent SK among the FQP community this year was K4LQ. Fred had been an FCG officer since the original K1ZX/K4OJ administration in the mid-1990's. He served faithfully and cheerfully for years as secretary/treasurer and newsletter editor. As his eyesight failed due to macular degeneration, Fred gave up the secretary and treasurer positions (since split into separate positions in the club org chart) but was determined to hang on to the editorship of the *Contest Gazette* until the end. Unfortunately the spring 2020 edition was his last, as he passed away due to COVID-19 alongside his wife Sheila in the autumn of 2021. See the sidebar for a more thorough discussion of Fred's contributions to the FCG and the FQP.

Log Checking Comments

The winner of the Golden Log plaque for 2021 was WB4TDH. Andy's accomplishment deserves to be put into a little more context. Typically the Golden Log plaque goes to an out of state station who has the advantage of seldom calling CQ, so they can listen to 2-3 QSOs to verify an exchange element if they miss something. The plaque has occasionally been won by an in-state station, including N4EK, but Andy's is the largest log in the W4WF and K1TO collective memory (767 QSOs) to go through our rigorous log checking process with nary a deduction. Andy deserves significant kudos for his accomplishment; the next largest golden log in 2021 was K9CW's with fewer than half the QSOs that Andy made, and Andy had the additional handicap of spending most of the contest calling CQ, so he had to work his callers and ask for fills as necessary in real time.

The list below includes Golden Logs as well as everyone on the log checking honor roll. The smallest log on the list represents considerable skill. Congratulations to all operators who made the log checking honor roll or managed a Golden Log!

GOLDEN LOGS	QSOs
WB4TDH	767
K9CW	345
K8MM	331
K4KG (K1TO)	267
AA3B	235
N9CK	235
NN4FL (K1TO)	235
K1GQ	229
W1QK	215
AD1C	189
N2RC	185
NO5W (@ W5GAD)	182
N3AM	173
N1SOH (+ W1FM)	163
WQ5L	160
N7US	150
N2SQW	139
KO4PK (+ KO4NGN)	128
NS4X	125
VA3EC	124
KM4FO	122
K3YDX	120
VE3VN	114
N3RD	103
VE6TL	103
K4CC	101
W6KC	100

BOLD = also Golden Log or on Honor Roll in 2020
HONOR ROLL <1% errors, >99 QSOs
AC0W
AD4EB/M
K3MD
K3TN
K3TW
K3WJV
K3WW
K4AMC
K4BSK
K4BYN
K4HQB
K4KNO
K4ORD
K4RUM
K4SXT
K4VBM
K5XS
K5ZD
K6NR
K6RB
K8AJS
K8LF
K8MR/M
K9NW
K9PG
KB3AAY
KC4TEO
KC4WQ
KE4KY
KI6RRN (@ WA6TQT)
KQ4R
KT4Q
N2CU
N2JJ
N3KN
N4AO (K1TO)
N4CW/M (+ W4TMO)
N4DW
N4FCG (N4BP)
N4IJ
N4KM (K1TO)
N4TO (K1TO)
N4TP (AE4AW KI6RRN KM4SQS)
N5RZ
N8NA
N8TFD
N8VV
N9NC
N9OF
N9RV
NA8V
NC4H
NS2N
NX4N (K1TO)
VA3SB
VE3EJ
VE3GFN
VE3KP
VE3NNT
VE5KS
VE5MX
VE9ML (+ VE9BK)
W1FJ
W1TO
W3HDH
W3US
W4AN/M (K4BAI KU8E)
W4SPR
W4WF (K1TO)
W5VS
W8CAR
W8PI
W9XT
WA3HAE
WA5SOG
WA8ZBT
WB2NVR
WB4HRL
WB9HFK
WT4O (K9OM)

K4LQ Remembrance – *by Chris Plumlee W4WF*

I was really taken aback by Fred's passing unexpectedly in the fall of 2021. Fred had been an officer of the FCG as long as I'd been a member and for at least a decade prior. Fred was a contester from way back, as he was licensed in the early 1950's and operated his first contest in 1951 as W1TBS in NH.

Fred had been stationed all around the world during his career. He worked for the government for years, then spent some time working for Lockheed-Martin (and its predecessor companies). He spent a number of years working as the general manager for a chain of Radio Shack stores throughout the Caribbean as well. His postings included VP5, HI3, ZS, ZD8, VQ8, VP2M, VP2L, VP7 and a number of others.

Fred and his wife had ties to Florida before he retired, having lived in South Florida for a period in the 1970's when Fred got his K4LQ callsign and was active with the SFDXA. Fred lamented in my hearing several times that his years of traveling the world being the DX for his friends had done nothing to augment his own DXCC standings, but despite that he had a very admirable 344 total entities to his credit in the latest DXCC yearbook. At the time he was inducted into the FCG Hall of Fame in 2017, Fred was missing Bouvet and Scarborough Reef to be at the top of the Honor Roll.

Fred had been active in the FQP nearly from the beginning. He had operated mobile a few times, but his greatest success came with a streak of wins of the Single Op High Power CW plaque that W1YL sponsored in memory of K4OJ and W1CW. Fred held the record in that category until 2021 when N4FCG (N4BP, opr) eclipsed his mark. Fred's station in HIG was not particularly elaborate, with a single radio and, for most of his retirement two towers supporting a tribander and 2-element 40m yagi. In the last year of his life, Fred sold the adjacent empty lot that held one of his towers, so he'd been reduced to a few wire antennas but was still active on the bands.

Fred had tirelessly supported the FQP and the FCG in almost everything he did. Well into his 80's, Fred was very capable of operating the full 20 hours of the FQP, logging (very accurately) > 1000 QSOs on CW only, and handily winning a plaque.

Fred poured so much of himself into the FCG and FQP that it feels like a disservice to his memory to only mention part of his ham radio and personal career. Fred's passing leaves a hole in the FCG leadership team that will take a long time to fill. Through countless hours of his time, Fred supported the club and the FQP tirelessly. RIP indeed.

For each busted call, busted QTH, and not-in-log in your FQP log, a one QSO penalty is assessed in the log checking process. Duplicate QSOs, out-of-state to out-of-state, and QSOs outside the 20 FQP hours are removed without penalty. The FQP management will continue to adhere to the highest possible standards of log checking, as it remains the highest priority to us to fully certify our results. Each line score reflects the total number of valid QSOs after log checking. Penalties are subtracted before calculating the final score. Don't worry about logging stations in various formats. K4OJ, K4OJ/m, K4OJ/LAF, K4OJ/LAF/m, and K4OJ/r are all equivalent, provided the received QTH field shows LAF for the QSO in question.

While some sponsors remove all unique QSOs while scoring logs, the FQP sponsors take a different view – if a callsign appears only in your log, that alone is not sufficient to assume that it is a bust. There are many casual operators on the air in a given weekend, and in an event like FQP there are many valid reasons why a given callsign might appear in only one log. Unique QSOs are not removed from your FQP log if they are deemed to be a valid and workable callsign/QTH combination. For example, we do check unique US-issued callsigns against the FCC database, so callsigns assigned to Technician-class operators logged outside the Technician-class sub-bands are not considered workable.

Cheerleading is somewhat related to unique calls. Cheerleading is the practice of working exclusively (or almost exclusively) one station on a given weekend in hopes of benefiting them because the cheerleader is not working their competitors. In the FQP, with some mobile entrants hitting > 30 counties, the impact of a single cheerleader is markedly amplified over a traditional contest where only a handful of QSOs are possible between two stations. A sophisticated cheerleader might try to work a nominal number of other QSOs so their callsign does not appear to be a unique, but the vast majority of their QSOs will be with their target station. We consider cheerleading to be a form of poor sportsmanship and we strongly discourage it.

Similarly, if you are the trustee of a club callsign, please do not make contacts with both your regular callsign and your club callsign to artificially inflate the score of one entrant.

Any detected self-spotting will result in your entry being reclassified as a checklog. While self-spotting is routine in DXing, it gives the spotter an unfair advantage in contesting over those who wait for others to spot them at random. There is an exception in place to this rule for the 1x1 spelling bee stations. Since we want to maximize the exposure to the 1x1s, we permit reasonable levels of self-spotting to maximize the opportunity of part-time operators to sweep the 1x1 letters.

As a reminder, there is no 10-minute rule or band- or mode-change restriction in the FQP. Entrants in all categories may change bands and modes as often as they wish. Simultaneous transmission on two or more bands is not permitted in any single-transmitter category.

The mobile windows were in force in 2021 after a year hiatus in 2020. We draw everyone's attention, particularly fixed stations within Florida, to the mobile window frequencies. If we determine through log checking or other means that fixed stations are calling CQ in the mobile windows, we may issue formal warnings. If warnings are not sufficient disincentive, we may take stronger measures against persistent offenders.

We request that logs be submitted electronically in Cabrillo format. Specific information for the FQP is available at <https://floridaqsoparty.org/wp-content/uploads/Cabrillo-Specification-V3-FQP.pdf>. If you don't computer log and would still like to submit an electronic log, there is an online log entry page at

www.b4h.net/cabforms/flqp_cab3.php where you can transpose your paper log to a 100% compliant Cabrillo log.

We support and encourage maximum activity from both inside and outside of Florida. If you operate with a multi-op team and you want to operate from home as well, that's great! Please submit both logs as they'll both be eligible for awards, and you just might earn a prime spot in the results write-up.

Our friends in Switzerland have had a long-time mixed-mode event called the Helvetia Contest that typically runs the same weekend as the FQP. Please follow this link and support their terrific contest as we co-exist peacefully on the same weekend. <http://www.uska.ch/amateurfunkpraxis/wettbewerbe-und-diplome/schweizer-contest-kw/>

Thanks to the many volunteers who made the 2021 FQP possible:

Thanks to KU8E for his tireless work as webmaster for the FQP and FCG.

Bruce Horn WA7BNM maintains the log submission robot and has assisted K1TO greatly in generating FQP and 1x1 certificates.

N5KO and K5TR and the rest of the team at kkn.net continue to provide the log submission robot and storage space on their server to enable log checking.

Thanks to misplaced 8's K8NZ and K8MR for their hard work transcribing paper logs for submission to the FQP robot as well as reformatting logs submitted to the FQP email address that were otherwise-unrecognizable into Cabrillo-compliant logs with which the robot was satisfied.

NO5W and K0RC provide many useful county tracking tools that a number of serious out-of-state entrants use each year. With the return of mobile operation in 2021, we hope that everyone was able to fill up their workbook of choice and that, if you missed a sweep by just a little bit in 2021 that you're making plans to rectify that shortfall in 2022.

Your humble scribe W4WF does an initial pass-through of the writeup, assembling information from charts and spreadsheets provided by K1TO into the skeleton of this document, then fleshing it out with details and analysis (and charts and lists). After the document is fleshed out, my XYL Taylor KI4GHK helps format the result and gets the final document into shape to publish.

Huge thanks as well to NX4N, who has assumed the mantle of head FQP cheerleader from K4OJ (sk). Chris does yeoman's work publicizing FQP in the weeks and months before the contest each year. He answers questions, including "where are the results" dozens of times, then he puts together a M/2 station in his vehicle and turns in a huge score as K4OJ/m.

But K1TO is truly the engine that drives the FQP. Dan continues his methodical recovery from the tower accident that he suffered in 2020. He has confounded expectations from his doctors and therapists and seems to be making an excellent recovery far beyond their expectations. Dan was able to do the log checking for 2021 earlier than ever and continues to be motivated to do his usual comprehensive analysis of the event.

[Finally, we owe the biggest thanks to everyone reading these results and planning to operate the 2022 FQP. You are the real reason the FQP continues to be a success year after year. Your most important](#)

contribution is your time – we hope you'll make plans to join us on April 30 – May 1, 2022 for the 2022 FQP. For more information about the FQP, visit <https://floridagsoparty.org> and consider subscribing to our open email reflector at fqp@groups.io.