

British Columbia QSO Party 2018



2018 certificate photo: Logging road, Harrison East

“Two roads diverged in a wood, and I—
I took the one less traveled by,
And that has made all the difference.” — from Robert Frost’s *The Road Not Taken*, in the *Mountain Interval* collection (1916)

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Behind the Scenes

By Rebecca VA7BEC, Contest Coordinator BCQP

For 2018, a cut-and-paste of last year’s recap might suffice. Of course, the names on certificates and plaques and respective scores aren’t exactly the same, but the challenges faced by operators in BC and outside BC were more or less a mirror copy of last year.

CONDX ranged from terrible to absolutely dismal. There’s just no way to put a positive spin on a zero-sunspot situation. Some participants persevered and, in the greater scheme of things, did amazingly well. They found openings—fleeting perhaps—on bands that for most of us were closed. Really and truly closed. A sad realization confirmed by numerous futile attempts to attract attention with “CQ BCQP sponsor station anyone anywhere”.

CONDX for the two days of BCQP 2018



Feb 3, 2018

Feb 4, 2018

Thanks to everyone who got on the air and/or helped others do so.



Band conditions

In 2018, BCQP was a two-day event for the first time. Propagation for both days was, as far as statistics are concerned, better than a year ago. More bands were given “good,” “fair” and “normal” instead of “closed.”

QSOs within North America were a struggle at times but doable. And while run rates at the VA7ODX weren't marathon weekend rates, activity was fairly steady. But DX... just whispers in the wind.

Location and station setup are factors, of course, as well as experience and fine-tuned ears, but perseverance and timing are, and always will be, major keys to success in BCQP. Choice of mode, too, maybe?

At the sponsor station

While CONDX certainly made the going rough and DX QSOs were a real rarity, the CW/RTTY operator and I—on SSB—saw a considerable increase in the number of cross-country QSOs. Lots of U.S. stations in the log, as well. Mostly from the second day of operation, despite zero sunspots! In fact, Sunday brought some fabulous pileups, from a QSO party perspective.

Since the sponsor station has to maintain a constant and pervasive presence on the air, the VA7ODX team inevitably experiences many of the positives and negatives with far-reaching effect that impact local as well as far-away participants.

A common and recurring complaint among BCQP participants, particularly those outside the province—because they are limited to QSOs with BC stations only—is “Where were the VE7/VA7s!” Perhaps there wasn't a sufficient number of operators CQing when other stations were looking? But in fact, a good number of BC stations were CQing for hours and hours at a time, VA7ODX included. With QRN on the low bands and QSB on the high bands, the CQing stations just weren't heard or didn't hear operators answering their CQs from certain directions.

At VA7ODX, we picked up lots of stations in the Lower Mainland—that is, in and around the Metro Vancouver area—but very few on Vancouver Island and in the Interior. We'd take a break from CQing to do a bit of S&P, hoping to fill in some of the missing districts on our map, but stations on the Island and in the Interior couldn't hear us.

“

Delving deeper into the apparent lack of VE7/VA7s on the air, many of the complaints come from CW operators. And certainly, for CW-only participants, the shallow pool of CW-capable BC participants undoubtedly creates a sense of poor participation by BC stations. Perhaps the dearth of CW operators is indicative of a much bigger problem:

The “no-code ham” to “know-code ham” ratio is rising. Amateur radio is becoming a sunset hobby, and efforts to attract new interest have capitalized on greater automation—look no further than FT8's burgeoning popularity—and easier licensing requirements. This may indeed get more people licensed, but are they going to be proficient in CW?

”

Traded Qs notwithstanding, **this is BCQP**

An issue that was sort of simmering but not that much of a problem reached more of a boiling point for some BC operators this year—trading Qs with stations in MNQP.

The problem appears to be a lack of awareness, not only in regard to the exchange required in BCQP but also the fact that BCQP is a separate yet coinciding event.

Instead of giving the CQing BC operator the necessary exchange for BCQP—which the MN station was for all intents and purposes entering by responding to “CQ BCQP”—the MN operator would come back with “Yeah. Copy (county). What's your name?”

It seems rather presumptuous to assume that everyone on the air is participating in MNQP, as there are several same-day/same-weekend events going on. I guess these MNQP-centric operators don't check contest calendars and either don't belong to clubs or organizations that are on my email list or simply didn't read the email. There will always be people who don't get the memo, regardless of how high the BCQP profile rises.

I must also emphasize that the complaint about MN operators certainly doesn't apply to all. Many are aware of BCQP and execute trades quickly and efficiently.



The demanding tone of the “what’s your name?” MN operators was surely unintended and just the manifestation of enthusiasm and inexperience. But it was off-putting to equally enthusiastic BC operators in BCQP.

I know, from experience, that a request for name, accompanied by what seems like a county, and a “0” in the callsign are clues that the other station is in Minnesota. And this year, I knew there’d be a lot of 1x1 callsigns. I had done my homework. Not everyone does.

With some back-and-forth to confirm that the other station was indeed in Minnesota—because “0” can cover other states as well—I converted the county to “MN” for my BCQP log. And I gave the MN station my name. The sad thing is, though, that neither of us really provided the info required of the other’s QSO party. We extrapolated—me, turning the county into “MN” and the other operator knowing I was in BC from the “VA7” in my callsign.

Some MN operators give all possible exchange data and assume that BC operators will pick and choose to meet BCQP rules. This is OK to an extent on phone. Highly cumbersome and time-consuming on CW. And exchanging info that doesn’t match the CQer’s event tends to confuse inexperienced operators.

Moreover, logging programs that support BCQP won’t accept MN counties or a name because those components aren’t part of the required BCQP exchange. Newcomers to the hobby and to contesting in particular often use BCQP as a stepping stone to greater activity. They don’t necessarily know how to handle an overload of information, especially if they can’t enter it into the program.

Basically, a BC station calling CQ BCQP is expecting operators who respond to that CQ to provide the information required of this event. If more or different information is required by the responding station, the operator there should complete the BCQP QSO and then ask for additional info. Even on CW, tacking on “T-R-A-D-E-?” is perfectly understandable once the BC operator knows that the other station is in Minnesota.

There’s no one-and-only way to execute a trade, but the process need not be overly wordy nor should it cause confusion. My advice for BC stations is to read the section on trading Qs in Helpful Hints for BC

Hints for BC Stations: Trading Qs
(http://www.ordxccc.org/content/pdf/2018_hints_for_bc_stations.pdf)

Stations and be prepared for QSOs that aren’t as straightforward and smooth as pure BCQP QSOs.

I’ve been in touch with the MNQP organizers and asked that for next year they make wider mention of the fact that BCQP takes place on the same weekend.

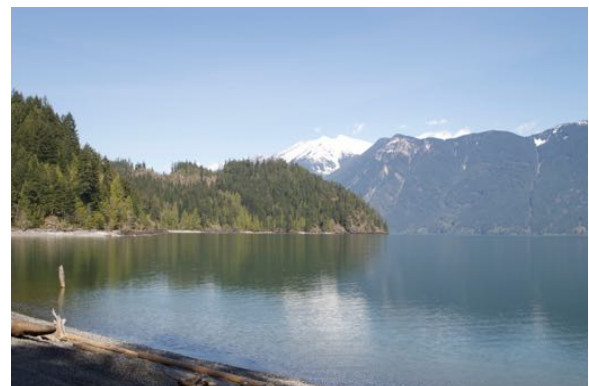
Another issue is mobile MN stations. In MNQP, mobile/rover stations move around to activate different counties. The MN stations are keen to have the “BC” mult in their logs from all activated counties, but for BC stations, such QSOs appear as dupes because the exchange is the same as the one before on that band and mode. It’s still “RS(T) + MN” in the BCQP logs. My suggestion for BC stations is to log apparent dupes as “(callsign)/(county)”. Example: (callsign)/HEN

Second day well-received

As contest coordinator, I look for ways—practical and feasible, of course—to make BCQP better, to make it more inviting and to boost participation. Every year, something is added or tweaked in an effort to create a more enjoyable event. In 2018, that something was extended hours—the regular 12 hours on Saturday and eight hours on Sunday. The addition of Sunday hours seems to have been well-received, especially by CW operators, who didn’t have to struggle through, or call it quits, when NA Sprint CW started.

In fact, Sunday activity might have raised the profile of BCQP in ways that all my emails and forum posts could not, reaching people who do not belong to clubs and don’t read contest calendars. They were just out for a Sunday drive and happened upon BCQP.

We’ll see if this translates into greater participation in 2019.



District Award photo: Harrison Lake, BC



Rewards for Perseverance

BCQP offers many incentives for getting on the air, from the camaraderie of team operation and the chance to polish skills or help others learn about HF operation to potential pileups and surprise DX.

For operators seeking tangible rewards, BCQP has lovely BC scenery- or notable landmark-inspired certificates and plaques, different every year and therefore collectible.

Certificates recognize top scores by stations in BC and outside BC in all categories of entry, and special certificates are awarded for particularly noteworthy results even if these results aren't top scores. In addition, in an effort to spur greater participation from operators throughout BC—since VE7/VA7s are quite literally the life of the party—but particularly in areas not often activated, we offer a certificate category recognizing top scores in each district.

Plaques are awarded in sponsored categories. Thanks to the support of clubs and individuals, there were 10 plaques available in 2018: Top BC (single-op), Top BC (multi-op), Top Canada outside BC, Top YL, Top US, Most Federal Electoral Districts Contacted, Top DX, Top Mixed Mode, Top CW (new!) and Top BC Club.

With regard to plaques, the rule is one plaque per station, with priority given to geographically based categories. In 2018, VA7NF (ops: VA7NF, VA7NLF, VA7QD, VE7IO, VA7XP), which qualified in three categories—Top BC (multi-op), Top Mixed Mode and Most Districts—and will receive the geographically based plaque, as per the

Plaque Allocation Policy*. This leaves the mixed mode and most districts plaques open to the next-highest scores. For mixed mode, Gabor VE7JH will receive the plaque, with specific mention of his achievement as single-op low-power. The most districts plaque will go to Jeff N8II, with specific mention of this accomplishment by a U.S. station.

Let me take this opportunity to officially thank Elizabeth VE7YL for sponsoring the new Top CW plaque. Don VE7DDG is the inaugural recipient of this plaque.

Outside BC Scores

The number of logs from non-BC stations is more than double that from BC stations, so in categories where there are at least 10 logs, we will present second- and third-place certificates. See the spreadsheet of scores on pages 14-17 for details. Certificate winners are in bold.

BCQP 2019

Mark your calendars. BCQP 2019 will run from 1600z February 2 to 0359z February 3 AND 1600z February 3 to 2359z February 3.

A total of 20 hours: 12 on Saturday and 8 on Sunday.

The objectives remain the same:

Stations in BC, contact anyone anywhere, and stations outside BC, contact as many VE7/VA7s as you can during the **20-hour** event.

Hope to see you again.

Saturday/Sunday: 1600z Feb 2 - 0359z Feb 3 AND Sunday: 1600z Feb 3 - 2359z Feb 3

Sun	Mon	Tue	Wed	Thu	Fri	Sat
27	28	29	30	31	Feb 1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	Mar 1	2
3	4	5	6	7	8	9

Plaque Winners in 2018

Team VA7NF (MOHP MIXED) captured the Top BC (multi-op) plaque. This was the fifth consecutive year that a team effort from the VE7IO station, albeit under different callsigns, led to a plaque. Jeanne VA7QD, Christine VA7NLF, Stan VA7NF, Fred VE7IO and Pedro VA7XP were on the winning team in 2018, delivering a score of 733,980.

Perry VA7FC (SOHP SSB) takes the Top BC (single-op) plaque, with a score of 184,628.

Gabor VE7JH (SOLP MIXED) is awarded the Top Mixed Mode plaque (single-op low-power) with a score of 73,888.

Jeff WB8WKQ (SOHP MIXED) retained his hold on the Top US plaque with a score of 4,370.

Allen VY1KX (SOQRP MIXED) earned the Top Canada outside BC plaque with a score of 1,488.

Margaret VA7VF (SOHP SSB) reclaimed the Top YL plaque, after allowing another YL to take the honor in 2017, with a score of 31,590.

Aki JH2RMU (SOHP MIXED) held onto the Top DX plaque, for a fourth straight year, with a score of 216.

Jeff N8II (SOHP MIXED) will receive the Most Districts Contacted by a U.S. Station plaque. He found 18 of the activated 26 districts.

Don VE7DDG (SOLP CW) gets the inaugural Top CW plaque, with a score of 51,456.

ORCA DXCC takes the Top BC Club plaque, with an aggregate score of 1,284,888 from 17 submitted logs with Orca DXCC as the participant's affiliated club. Note, this does **not** include sponsor call VA7ODX results.



Mountains around Harrison, BC

Note: Plaque Allocation Policy

Under BCQP rules, only one plaque is awarded per station.

The BCQP Contest Committee believes that in the event a station qualifies in multiple plaque categories, including top score in BC, the US or other geographical location, the priority should be placed on the top score geographically, as applicable. Special plaques are awarded to stations with the next highest scores in the applicable sponsored plaque categories, which may be top scores in specific categories of entry and will be acknowledged as such.



Thank you to the following 2018 plaque sponsors:

Fleetwood Digital Products (Top BC — Single-Op)

Burnaby Amateur Radio Club (Top YL)

Orca DXCC (Top US)

Cowichan Valley Amateur Radio Society (Top Canada outside BC)

Surrey Amateur Radio Club (Most Federal Electoral Districts Contacted)

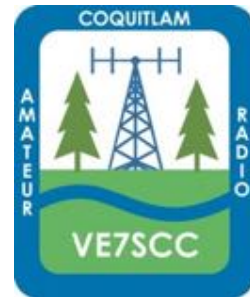
Rebecca VA7BEC and Koji VA7KO (Top DX)

North Shore Amateur Radio Club (Top Mixed Mode)

Elizabeth VE7YL (Top CW)

Coquitlam Amateur Radio Emergency Services Society (Top BC — Multi-Op)

Delta Amateur Radio Society — Top BC Club





Soapbox/Comments

Looking to QSO with many BC stations. TNX FB contest. – **JH2RMU**

Thank you for another very enjoyable BCQP. It was beautiful weather here but cold, -40 C, so it was very nice to be inside operating in the contest. – **VY1KX**
Great warm-up to the Super N100 watts and an wireowl – **K000**
Must be a lot of great Amateurs up in BC because I worked almost everyone I heard and I was only running 5 watts to a dipole! I hope I was able to provide some multipliers. – **K14MZC**
100 watts and a wire – **KI6OY**
antenna is G5RV at 10 m in trees, Thanks for the fun! – **KK4BZ**

Only had Sunday to participate. Thanks for the QSOs! – **VA3RKM**
Conditions were poor. Worst I have ever done. – **W8KNO**
Very fun as usual, but conditions not great here Saturday. Sunday was better, but only a half-hour opening on 15M. – **WB8WKQ**
I again had a lot of fun operation this BC QSO Party with my venerable old IC-751A. – **VE7BGP**
Very disappointing. Where were all the VE7s, to say nothing of other VE ops? – **VE7JKZ**
Nice contest. Band conditions good. Need more participants. Heard and not worked were VE7SCC, VE7VR, VA7RN. Score includes bonus for working VA7ODX. – **VE3CRU**

Did better than last year. Condx and activity good. Rig was FTdx5000 and Butternut vertical. —**WIEND**
Transmitted at 12-15W on an Elecraft KX3 using a 35.5' end-fed antenna. – **KW4LY**
I participated for the first time. I only contacted two stations on 14MHz. Listened for 30 more minutes after that but nothing. Conditions very difficult from JA. – **JQ1NGT**
At age 88 and member of the USS Wisconsin Radio Club, I still enjoy your QSO party. – **W4ZPR**
Fought an S7+ noise floor all weekend, reason unknown Heard VA7ODX twice but could not work them. Oh well, just wait until next year! – **WA5SWN**

Gleaned from emails

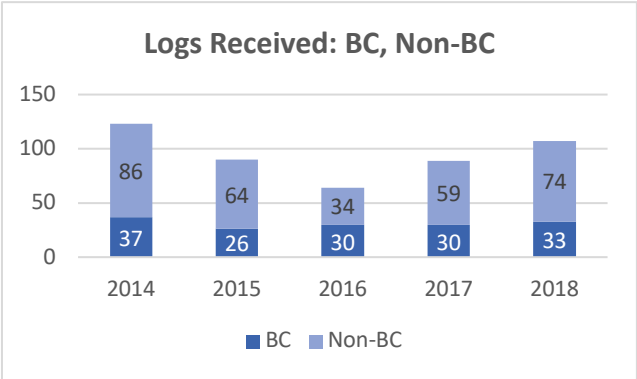
- Thank you... I had a great time. Can't wait to do it again... Best 73 (US)
- Thanks so much for the contacts. I didn't do very well this year, but as always, I had fun. Many thanks for all you do to organize this event. (US)
- I want to thank you for staging this year's BC QSO Party. It is a lot of work, and I appreciate it very much. (US)
- I didn't find too many stations operating BC QSO Party. I did hear you (VA7ODX) though on many occasions. Great job. (US)
- Not only had a great time but doubled last year's QSO count. (US)
- We liked the extended hours and hope you all had fun! (VE7)
- We enjoy the contest. Too bad there aren't more Canadian contests.(VE9)
- I wasn't able to log any contacts, but I did participate and I'd like to pass on my thanks and appreciation for the effort that went into the 2017 BCQP post-contest report, Helpful Hints (especially the suggested exchanges & sample transcripts), and other materials. As someone new to HF and contesting, that was very helpful and encouraging. (VE7)
- I was dismayed to see so few VE7s taking part in this test. (US)
- Rough going with not a lot of activity in the CW end of the bands. (US)
- Couldn't even hear you (or anyone else on the Mainland other than VA7NF and someone in BNS). (US)
- Prop from IL was really poor and I just couldn't find many BC stations. (US)
- Had very little time to take part in the qso party this weekend. When I was on there where very few VE7 stations on. (US)
- Extended hours nice touch. But you know it was Super Bowl Sunday, right? (US)
- Over the weekend I think that 99% of the US hams were en route to the football game or there already having a party and NOT on the bands.
- Sunday, I finally got you over there (15M) and two others on CW. You all were extremely loud for about 15-20 minutes and then gone. (US)
- Wish I had heard more BC stations, but a few were VERY loud down here. (US)



Crunching the Numbers

An analysis of log content can reveal trends that might otherwise be missed.

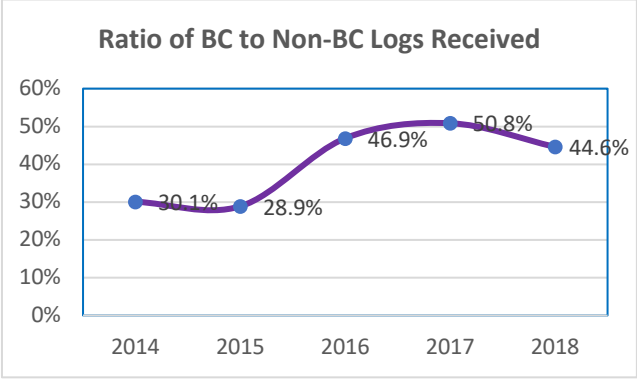
Indicators of success come from many sources. Pre-event emails, for example, could be a sign that the promotion bandwagon has kindled active interest, and post-event comments—positive as well as negative—often mean that some aspect of the event was important enough from a participant’s perspective to warrant special mention. But it’s logs—and their content—that provide concrete data for analyzing results and tracking progress from year to year. Log submission is not a requirement of participation, but the more logs received, the more accurate the analysis will be.



Number of Logs

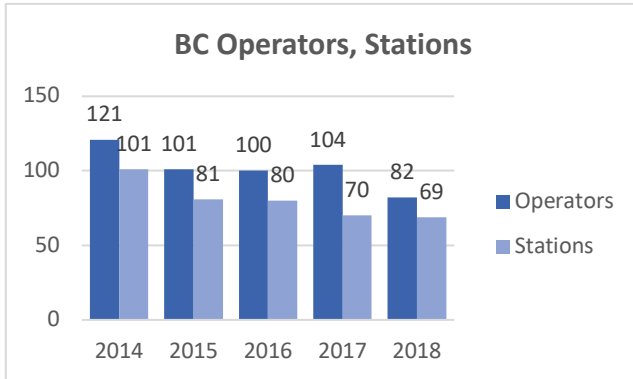
A total of 107 logs were received, up 18 from a year earlier. This increase is largely due to more logs received from outside BC, but the number of in-province logs improved as well, albeit only slightly.

The number of logs received from BC stations is not necessarily indicative of the participation level within BC. Operators outside BC tend to submit a log even if it has only a few—less than 10—QSOs, while BC operators do not.



As a result, the BC-to-outside-BC ratio dropped to 44.6%.

Most logs from outside BC come from the U.S., and the trend was sustained in 2018. However, the number of logs from other parts of Canada doubled, to 14, with the inclusion of a first-ever log received from Manitoba (VE4). The outside-BC list of logs also included one from Spain—another first.



Number of BC Stations on the Air

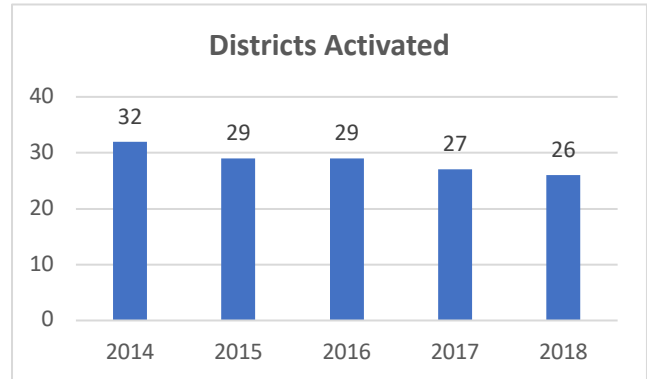
Based on the content of submitted logs, the number of in-province stations on the air reached 69, down just one from a year ago. The number of operators dropped to 82, from 104 a year ago.

Districts Activated

The number of activated federal electoral districts—the multipliers in BCQP since the province does not have the typical QSO party county exchange—slipped to 26^{note}, and the coverage ratio edged down to 62%.

A look at log content shows that in-province stations and out-of-province stations found many of the same districts, but not all—a prime example of how location plays a part in reaching different areas of BC.

Some years, a BC station picks up the most districts through well-timed S&P or is lucky enough to have operators in lucrative districts drop by while CQing. Other years, it's the determined effort of an operator outside BC who finds the most districts.



In 2018, Team VA7NF collected 20 districts, followed by Jeff N8II and Team VA7ODX, with 18 each.

Note: Coverage in 2018: 26 out of 42 (62%)

ABF BNS BUS CHP CML COA CPC DEL KEL KOC KTC LAA NAL NPR NVA NWB PMC PMM
PPN RIC SBV SGI SUC SUN SWR VAQ

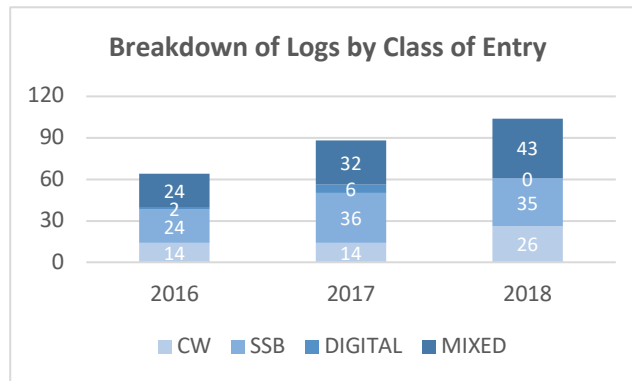
Coverage in 2017: 27 out of 42 (64%)

ABF BNS BUS CML COA CPC CPG CSN DEL KEL KTC LAA MMF NAL NPR NVA NWB PMM RIC
SBV SGI SUC SUN SWR VAE VAQ WVS

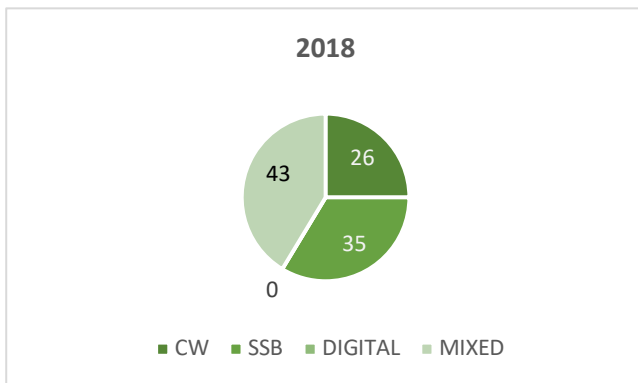
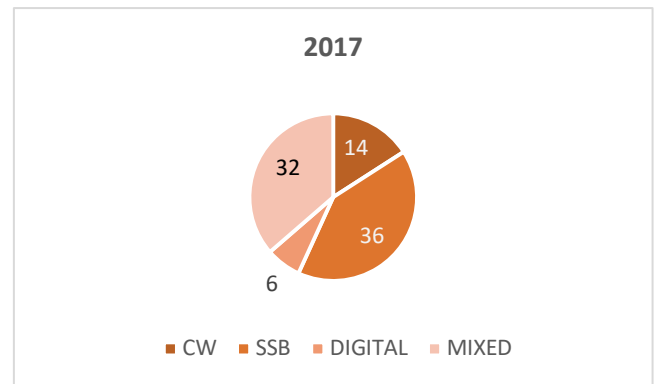
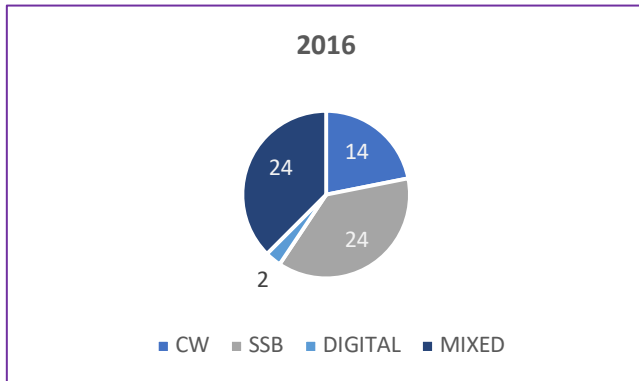


Breakdown of Logs by Class of Entry (Mode)

The breakdown of logs by class of entry reveals 26 CW-only logs—almost double the number in 2017; 35 SSB logs, down just one from 2017; and 43 MIXED logs, up 11. There were no DIGITAL-only logs. SSB and MIXED logs accounted for the majority of entries, at 57.0%, with SSB a key component in nearly every MIXED log. The DIGITAL component of MIXED logs is, however, increasing as more teams get involved in BCQP. And MIXED itself appears to be of greater interest, perhaps because it's an efficient way to increase Q count, capitalize on multipliers for new band/mode and achieve a bigger score.



Or maybe this format is easier to understand?





Q Ratios/Number of Qs by Mode

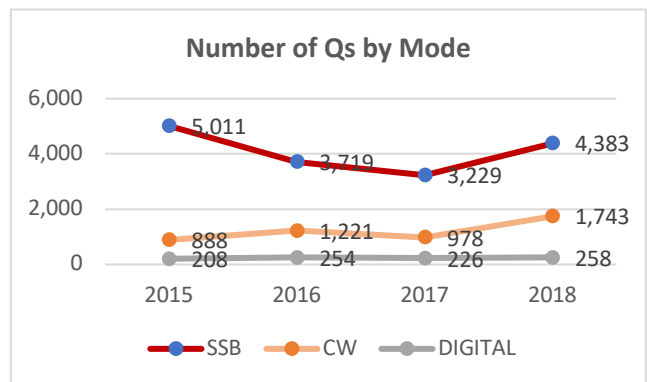
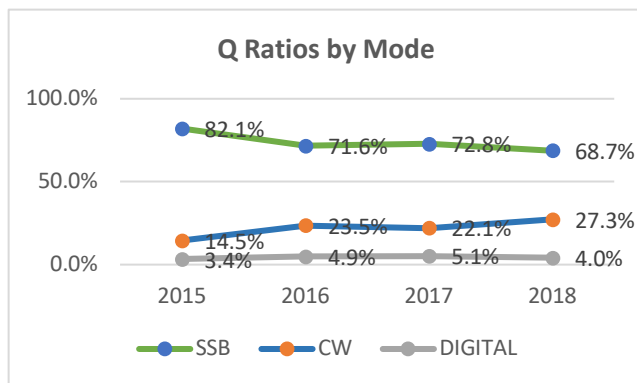
A breakdown of QSOs by mode, based on data gleaned from logs received, shows 1,743 CW Qs, 4,383 SSB Qs, and 258 DIGITAL Qs.

The CW count is 78.2% higher than a year ago, and comprises 1,388 Qs by BC stations and 355 Qs by stations outside BC. The CW ratio (number of CW Qs as a percentage of all Qs in all submitted logs) improved 5.4 points, to 27.3%.

SSB remained the most productive and popular mode overall, with 4,107 Qs logged by BC stations and 276 Qs by stations outside BC. Notice an interesting turn? More CW Qs by stations outside BC than SSB Qs! The year-on-year increase is 35.7%, and the SSB ratio (number of SSB QSOs as a percentage of all Qs in submitted logs) dipped 4.1 points, to 68.7%.

The number of DIGITAL Qs rebounded to the 2016 level, with 244 Qs by BC stations and 14 Qs by stations outside BC. But the DIGITAL ratio (number of DIGITAL Qs as a percentage of all Qs in submitted logs) decreased 1.1 points, to 4.0%.

The extended hours for BCQP undoubtedly helped boost total QSOs.



Outlook for BCQP 2019

Band conditions are often a determining factor in an operator's decision to participate, and it's impossible to accurately predict now what band conditions will be like for BCQP 2019 or how conditions will be interpreted by individual operators on event day. However, band conditions are not likely to improve much, and given the huge impact that band conditions have played over the past few years, it's likely that operators will have to adjust their strategies to effectively turn challenges into opportunities and maximize potential.

It's always the organizing committee's objective to encourage greater participation from operators throughout British Columbia—because the party just doesn't happen without BC operators—so the special certificates for top score in each electoral district of BC will continue to be offered in 2018, along with certificates for top scores for BC and non-BC stations in each regular category of entry. These tangible rewards will, of course, be complemented by the plaque program, which is facilitated through the generous support of plaque sponsors.

Extended hours should have a positive impact on participation. Alternate suggested frequencies for CW will remain in effect for Saturday evening, in case CW operators wish to stay on the air despite the frustration caused by NA Sprint CW.



For a detailed breakdown of scores, please visit the Results page in the BCQP section of the Orca DXCC website.

👉 indicates YL

Callsigns in **bold** are top-category certificate winners; *italics* indicate sponsored plaque winners; * denotes district award

Results: BC

Callsign	Category	District	Total QSOs	Mults	Base Score	Bonus	Total Score	Club
*VE7DDG	SOLP CW	RIC	167	77	51,436	20	51,456	Orca DXCC
*VE7JKZ	SOLP CW	SGI	149	76	45,296	40	45,336	Orca DXCC
VE7YL👉	SOLP CW	RIC	44	29	5,104	20	5,124	Orca DXCC
VA7RN	SOLP CW	COA	213	15	780		780	Orca DXCC
*VA7ADI	SOLP CW	ABF	13	13	676		676	CARESS
*VE7KCY	SOLP CW	VAQ	2	3	24		24	
VA7YJJ	SOLP SSB	CML	50	24	2,400		2,400	
VA7BDG	SOLP SSB	CML	30	21	1,260		1,260	Cowichan Valley ARS
VA7MCE	SOLP SSB	CML	25	19	950	20	970	Cowichan Valley ARS
*VE7ZZV	SOLP SSB	NWB	33	9	594	40	634	
VE7DXK	SOLP SSB	CML	1	1	2		2	
*VE7JH	SOLP MIXED	CML	347	155	155,930	100	156,030	Cowichan Valley ARS
*VE7AHT	SOLP MIXED	DEL	70	57	14,934	100	15,034	Delta ARS
*VE7UW	SOLP MIXED	LAA	59	45	7,650	60	7,710	Delta ARS
VA7EU	SOLP MIXED	BNS	41	47	6,956	60	7,016	
*VE7BGP	SOLP MIXED	NAL	31	35	3,010	20	3,030	Nanaimo Amateur Radio Association
VE7AX	SOLP MIXED	COA	27	24	2,496	20	2,516	Orca DXCC
*VA7ST	SOHP CW	KEL	100	48	19,200		19,200	Orca DXCC
VE7XF	SOHP CW	NPR	59	38	8,968	20	8,988	Orca DXCC



Callsign	Category	District	Total QSOs	Mults	Base Score	Bonus	Total Score	Club
*VA7FC	SOHP SSB	COA	914	101	184,628		184,628	Orca DXCC
*VA7VF 🐼	SOHP SSB	NPR	243	65	31,590		31,590	Orca DXCC
*VA7OHT	SOHP SSB	PMC	15	11	330	40	370	CARESS
*VE7BC	SOHP MIXED	SUN	525	122	150,160	100	150,260	Orca DXCC
*VE7ACN	SOHP MIXED	BNS	152	80	33,120	20	33,140	Orca DXCC
*VE7VR	SOHP MIXED	BUS	47	45	7,830	60	7,890	Orca DXCC
*VE7CV	SOHP MIXED	KTC	18	28	1,568	40	1,608	Orca DXCC
*VE7CMR	MOLP SSB	PMM	13	3	78		78	Maple Ridge ARC
*VE7NWZ	MOLP MIXED	SBV	33	12	816		816	Terrace ARC
*VA7NF	MOHP MIXED	SWR	1057	270	733,860	120	733,980	Orca DXCC
VA7ODX	MOHP MIXED	NWB	895	233	525,648		525,648	Orca DXCC
*VE7SCC	MOHP MIXED	CPC	523	99	115,632	20	115,652	CARESS
VE7DB	MOHP MIXED	SWR	23	13	598	20	618	White Rock ARC
VE7UBC	CHECKLOG	VAQ						

Teams

Note: 🐼 indicates YL op

VE7DB	VE7OM VA7UVL VE7KC, VA7FFT, VE7WNO
VA7NF	VA7NF VA7QD 🐼 VA7NLF 🐼 VA7XP VE7IO
VE7NWZ	VE7ECK VE7EKE VE7SXS VE7EDT VA7MNV VE7JZM
VA7ODX	VA7BEC 🐼 VA7KO
VE7CMR	VA7VX VA7XQ
VE7SCC	VA7ADI VE7ADA VE7RGK VA7NR



Results: Outside BC

Callsign	Category	District	Total QSOs	Mults	Base Score	Bonus	Total Score	Club
KI4MZC	SO QRP CW	GA	5	5	100		100	Gateway ARC
JQ1NGT	SO QRP CW	DX	2	2	16	20	36	
VE9BEL	SO QRP CW	NB	2	2	16		16	Club Radio Amateur du Madawaska
VY1KX	SO QRP MIXED	YT	22	21	1,428	60	1,488	Orca DXCC
K9CW	SOLP CW	IL	18	16	1,152	40	1,192	Society of Midwest Contesters
W1END	SOLP CW	NH	12	12	576	40	616	Yankee Clipper Contest Club
K5LH	SOLP CW	TX	13	11	572	20	592	Heart of Texas DX Society
W4ZPR	SOLP CW	VA	11	11	484	20	504	USS Wisconsin Radio Club
KN4Y	SOLP CW	FL	10	10	400		400	Sportsmans Paradise ARC
WN4AFP	SOLP CW	SC	9	8	288	20	308	Swamp Fox Contest Group
KI6OY	SOLP CW	CA	7	7	196	20	216	Northern California Contest Club
N0SMX	SOLP CW	FL	8	5	160	20	180	Florida Contest Group
WB9HFK	SOLP CW	IL	4	4	64		64	Society of Midwest Contesters
KF3G	SOLP CW	PA	3	3	36		36	
W8IQ	SOLP CW	OH	2	2	16		16	
VE4EV	SOLP SSB	MB	10	10	200	40	240	Radiosport Manitoba
VE9RLW	SOLP SSB	NB	9	9	162	20	182	
N0ZTO	SOLP SSB	CO	8	8	128	20	148	
N4FA	SOLP SSB	FL	6	6	72	20	92	
W4LID	SOLP SSB	KY	6	6	72	20	92	
NW5Q	SOLP SSB	TX	6	6	72	20	92	DFW Contest Group



Callsign	Category	District	Total QSOs	Mults	Base Score	Bonus	Total Score	Club
AG6AG	SOLP SSB	CA	5	5	50	20	70	Ventura County Amateur Radio Society
KK4QIA	SOLP SSB	GA	5	5	50	20	70	
KW4LY	SOLP SSB	KY	5	5	50	20	70	
VA2MO	SOLP SSB	QC	5	5	50	20	70	
VE8GER	SOLP SSB	NT	5	5	50	20	70	
KE7GKI	SOLP SSB	AZ	5	5	50	20	70	
AG7AA	SOLP SSB	OR	6	5	60		60	
AE7UP (op. VA7IQ)	SOLP SSB	CA	4	3	24	20	44	
N0RTY	SOLP SSB	MN	2	2	8	20	28	
WA5SWN	SOLP SSB	KS	5	4	40		40	
KD5ILA	SOLP SSB	AR	3	3	18		18	
K7HKR	SOLP SSB	AZ	2	2	8		8	
KK4BZ	SOLP SSB	VA	2	2	8		8	
W5TCB	SOLP SSB	AR	2	2	8		8	
N7RO	SOLP MIXED	WA	34	32	3,456	160	3,616	Orca DXCC
VE9ML	SOLP MIXED	NB	19	18	1,260	20	1,280	Maritime Contest Club
W1ARY	SOLP MIXED	CT	14	14	728	20	748	Contest Club Ontario
VA3RKM	SOLP MIXED	ON	14	14	644	20	664	
WA2JQZ	SOLP MIXED	CO	14	14	588	60	648	
KC2LM	SOLP MIXED	NM	13	12	624	20	644	Contest Club Ontario
VE3TM	SOLP MIXED	ON	14	13	572	40	612	
K0HNC	SOLP MIXED	KS	13	13	572	20	592	
N4ARO	SOLP MIXED	TN	10	9	288	20	308	Tennessee Contest Group
VE3CRU	SOLP MIXED	ON	9	8	240	20	260	Contest Club Ontario



Callsign	Category	District	Total QSOs	Mults	Base Score	Bonus	Total Score	Club
W4SNF (op. VE3AYR)	SOLP MIXED	FL	8	7	196	40	236	Contest Club Ontario
N4EEV	SOLP MIXED	GA	5	5	70	20	90	South East Contest Club
AB1QZ	SOLP MIXED	VT	4	4	56		56	
AJ4UQ	SOLP MIXED	SC	2	2	16		16	Swamp Fox Contest Group
W6SFI	SOLP MIXED	CA	2	2	12		12	
W8KNO	SOLP MIXED	OH	2	2	12		12	Mad River Radio Club
AG6V 🐟	SOHP CW	WA	31	27	3,348	40	3,388	Orca DXCC
N7EPD	SOHP CW	WA	8	8	256	40	296	Pacific Northwest VHF Society
W7WHY	SOHP CW	OR	1	1	4		4	
JH1DRF	SOHP CW	DX	1	1	2		2	
K2RYD 🐟	SOHP SSB	NY	8	7	112	20	132	Great South Bay Amateur Radio Club
KD0JLE	SOHP SSB	CO	8	7	112	20	132	
KD0NMZ	SOHP SSB	IA	6	6	72	20	92	
VE2GT	SOHP SSB	QC	3	3	18	20	38	NorDX Club
DL8UI	SOHP SSB	DX	1	1	2		2	
EA3ELZ	SOHP SSB	DX	1	1	2		2	
WB8WKQ	SOHP MIXED	MI	37	35	4,270	100	4,370	Mad River Radio Club
<i>N8II</i>	SOHP MIXED	WV	39	34	4,080	80	4,160	Potomac Valley Radio Club
K0OO	SOHP MIXED	MD	15	15	750	40	790	Potomac Valley Radio Club
<i>JH2RMU</i>	SOHP MIXED	DX	8	7	196	20	216	
W1PR	SOHP MIXED	CA	7	7	182	20	202	
W2RR	SOHP MIXED	NY	8	8	144	20	164	Niagara Frontier Radiosport
OM2VL	SOHP MIXED	DX	6	6	120		120	Slovak Contest Group
VA3TTB	SOHP MIXED	ON	4	4	48		48	
N1SOH	MOLP MIXED	MA	18	17	918	20	938	Yankee Clipper Contest Club



Callsign	Category	District	Total QSOs	Mults	Base Score	Bonus	Total Score	Club
VE9CRM	MOLP MIXED	NB	11	10	340	20	360	Club Radio Amateur du Madawaska
W1NVT	MOHP MIXED	VT	18	12	456	20	476	Radio Amateurs of Northern Vermont
N6HCN	CHECKLOG	CA						
W5QLF	CHECKLOG	TX						South Texas DX and Contest Club

Teams

VE9CRM VE1MAM VE9MWO VE9CPL VE9MCG VE9RMO VE9BEL VE9LYZ

N1SOH N1SOH W1FM

W1NVT W1SJ

Special certificates:

- Number of SOLP SSB and SOLP MIXED logs submitted warrants presentation of a second and third place certificates.

Sponsor Information

Orca DX and Contest Club

Callsign

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