

British Columbia QSO Party 2013



Back country, east of Harrison Hot Springs

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Behind the Scenes

By Rebecca VA7BEC, Contest Coordinator BCQP

Sustained Momentum

The 2012 outing—the first under the Orca DXCC banner—marked a turning point for BCQP, establishing this QSO party as a put-me-on-the-calendar kind of event. Thanks to the continued support of radio-related clubs and organizations, as well as individuals who tweeted and blogged about the event, BCQP 2013 drew solid participation from inside and outside the province.

From comments that accompanied log submissions, it seems BCQP 2013 attracted a spectrum of operators. There were repeat participants and first-timers, practiced contesters and newcomers, teams and individuals, operators who planned to do a couple of hours—support the cause, so to speak—and operators who intended to be on the air for as much of the 12 hours as possible.

Operators had many reasons for participating: hone operating skills, try out a new mode, pass on knowledge to others, enjoy the camaraderie of a team effort, support a home-grown contest, beat last year's score, capture a certificate or maybe one of the new plaques, test out equipment and/or software, or simply, have fun. Whatever the reason, the decision to get on the air helped sustain the momentum generated in 2012.

On behalf of Orca DXCC, the contest committee and VA7ODX operators this year, I extend my most heartfelt thanks to everyone who participated in BCQP 2013 and to everyone who supported the participants. It was a(nother) whale of a good time.

Rebecca VA7BEC



Challenges and Opportunities

There were—and probably always will be—challenges on game day.

Band conditions, for example, weren't particularly good, and even when propagation improved and QRN subsided, operators in some areas of BC found the bands were long and had difficulty catching the attention of operators in the Metro Vancouver area with its lucrative concentration of on-air stations and multipliers. This is an aspect of radio that no one is able to control. But BCQP offers operators an opportunity to gain the experience needed to devise strategies for dealing with such situations.

Certain same-day/weekend on-air events caused some frustration on CW and digital modes. Indeed, once NA Sprint started, many CW-only operators in the BCQP called it quits.

NA Sprint creates a maelstrom of activity that takes over the associated frequencies, and the disparity in exchange data, the QSY requirement and the fast pace of QSOs make CQing for BCQP contacts extremely tough if not impossible even for the most experienced contesters. Moreover, trading Qs in dits and dahs is, admittedly, awkward and more time-consuming than CW is supposed to be. But a large number of operators planned ahead and utilized the eight hours of the BCQP that did not overlap with the NA Sprint to build their logs, and either stopped when NA Sprint started or moved over to SSB for the last four hours and submitted a MIXED log.

The XE International RTTY Contest also took over the associated digital frequencies, but it was a bit easier to CQ and trade Qs if applicable.

It is possible that some VE7/VA7s were lured away from BCQP by NA Sprint and XE RTTY and even 10-10 Winter. Other QSO parties may also have lost participants to these events. Then again, many BCQP participants dabbled in several same-day/weekend events, creating a multi-party/event log that was sorted later into an appropriate format for submission to the respective QSO party sponsors.

Aside from band conditions, the challenges affecting SSB operators were minimal and QSOs were flying throughout the 12 hours of BCQP, maybe because no event hijacked the frequencies as completely as NA Sprint did—10-10 Winter had a quiet zone—or maybe because SSB is more popular among operators who attend QSO parties. Trading Qs is certainly easier.

Interesting Developments

- More VE7/VA7s got involved and more federal electoral districts were activated.
- More logs were submitted, including for the first time logs from operators in Saskatchewan, Alaska and Germany.
- More YLs got on the air, in pursuit of the YL plaque, perhaps?
- Repeat participants outside BC seem to have put in more time or looked more often for BC stations, as logs from these operators show more Qs than in the past.
- The ratio of non-BC logs to BC logs was about 2:1. In 2012, the ratio was pretty much 1:1. The number of BC stations on the air was up in 2013, but as a percentage of logs received, the count was down.

Awards

For operators who seek tangible recognition for their efforts, BCQP offers one-of-a-kind certificates—different design every year—and cool Orca trinkets to top scores. And thanks to inaugural plaque sponsors—Fleetwood Digital Products (Top Score BC), Cowichan Valley ARC (Top Score Canada outside BC), Burnaby Amateur Radio Club (Top Score YL), Surrey Amateur Radio Club/Surrey Emergency Amateur Radio (Most Federal Electoral Districts Worked) and Orca DXCC (Top Score US)—outstanding results in sponsored categories will be acknowledged with plaques.

If you or the radio club/organization that you belong to is interested in sponsoring a plaque, please contact me. All reasonable ideas for plaques will be considered.

BCQP 2014

Mark your calendars. BCQP 2014 will run from 1600z February 1 to 0400z February 2.

The objective remains the same: Stations in BC contact anyone anywhere, and stations outside BC contact as many VE7/VA7s during the 12-hour event.

I hope you will join Orca DXCC in BCQP 2014. A(nother) whale of a good time awaits!

2013 PLAQUE WINNERS

VE7JR - Top Score BC (311,674)

VA3GKO - Top Score Canada outside BC (2,120)

WB8WKQ - Top Score US (1,972)

VE7JT - Top YL Score (268,272)

VE7WJ - Most Federal Electoral Districts Contacted (24)

Soapbox

I enjoyed the QSO party. I took it as a challenge to work all the way from NH to BC, and had fun doing it. —*KB1VUN*

Thanks a bunch, have played a little with some of the contests before but never stayed at the radio for a whole day, Wow what an experience. Thanks for putting it all together for us to enjoy. —*VE7NH*

Very, very slow at the CW end of the band, until NA Sprint started. And then it was impossible to continue in the BCQP with the exchange differences and the QSY rule required of Sprint participation. Looks like some stations had a great day on SSB, though. —*VA7ST*

Condx weren't that great to the left coast during the contest, I listened and called, but VE7's were scarce. I was happy to get a couple contacts. —*VE1OP*

I wasn't planning on a serious effort, just having some fun and giving out a few contacts. I ended up with over 120 contacts. —*VE7VZ*

I operated a portable station near Konnowac Pass (Moxee, WA). Between the pleasant sunny weather and friendly BC operators, I had a good time. —*AD7FC*

Thank you for running the contest. It was fun. —*VE7WJ*

I really enjoy the BCQP contest and look forward to it each year. —*VE7JT*

My house was like Grand Central Station during the contest. Lots of fun working familiar calls and making some new friends. I am looking forward to next year. —*VE7WWW*

Best I have ever heard BC. I was hoping to threepeat best outside BC, but I probably didn't do it since conditions were so good. The only problem was hearing through the Minnesota QSO Party. Hear you next year! —*W8KNO*

Poor propagation to the VE7 land, unfortunately. —*VE2AWR*

Soapbox continued on page 7.



Crunching the Numbers

Logs are a tangible indicator of participation in a contest. But due to the casual nature of QSO parties and the fact that logs are not a requirement of participation, the number of logs submitted may not accurately reflect on-air activity. The content of submitted logs, however, can be a good source of data on participation, which helps to gauge the real success of BCQP.

From BC logs, it is readily apparent that operators who ran for any length of time attracted the attention of participants in same-day state-side QSO parties eager for a BC multiplier in their respective contests as well as casual weekend operators willing to give out points where needed and, of course, other BC stations. The on-air activity fueled more on-air activity, keeping the bands buzzing, particularly on SSB. From out-of-province logs, it is clear that BCQP provided more fun than in previous years—the thrill of the hunt?—substantiated by growth in the number of logs submitted and in the content thereof.

If the sponsor log and checklogs are included, the number of logs reached 97 in 2013, up from 66 in 2012. Of these logs, 31 were from BC stations, up three, and 66 were from stations outside BC, up 28. For the first time, two logs came in from Saskatchewan, one from Germany and one from Alaska, in addition to three logs from Japan, up from last year's two—and first ever—logs from a DX entity.

Even though the number of logs from BC stations is low, relative to the number of logs from stations outside BC, the number of BC operators who got on the air in 2013, either as single-op or in multi-op teams, hit 140, up 17 from 2012, based on QSO data in submitted logs. Since the objective of the BCQP is to encourage BC stations to get on the air, this increase in participation indicates that the 2013 event maintained the momentum generated in 2012.

In 2013, the number of activated federal electoral districts—the multipliers in this QSO party since the province does not have the typical QSO party county exchange—reached 30^{note 1}, up from 27^{note 2}. Extensive geographical coverage throughout BC offered wonderful opportunities to collect multipliers in pursuit of a higher score or, perhaps, the new plaque for most federal electoral districts worked. Al VE7WJ checked off 24 of the 30 ridings that were activated in 2013 to claim that prize. (FYI, the electoral map is set to change, effective with the next federal election, which is scheduled to take place in October 2015, but for now, there are 36 federal electoral districts in BC. (See the details of regarding the changes on pages 8 and 9.)

Looking at log content, 19 of the logs from BC stations (61.3% of the in-province total) had more than 50 Qs and 12 (38.7%) had more than 100 Qs—some well beyond the 100 mark. This compares with 15 logs (53.6%) out of the 38 submitted in 2012 with more than 50 Qs and 13 logs (46.4%) that had more than 100 Qs.

No out-of-province logs hit 50 Qs in 2013 or in 2012. The huge discrepancy between Q counts in BC and non-BC logs is primarily due to the fact that BC stations can work anyone anywhere while non-BC stations are limited to working VE7/VA7s. For non-BC stations to log 10 Qs is highly commendable and to exceed 20 Qs is really quite an accomplishment. In 2013, four stations outside BC logged 20 or more Qs, compared with two stations in 2012.

The top BC single-op result in 2013, regardless of category, was by Marcy VE7JT in the SOHP SSB category, with 721 Qs and a score of 268,272 points. In the multi-op class, sponsor station VA7ODX secured top spot, with 801 Qs and a score of 794,416 points through a pervasive presence on three modes—SSB, RTTY and CW—but the sponsor station isn't in the race for a certificate. The info is just for reference. The VE7JR team, with 783 Qs and a score of 311,674 points, takes the No. 1 spot among multi-op stations. VE7JR entered in the MOHP SSB category. The outstanding

Surprise DX for CQing BC Stations

The majority of Qs in the logs of BC stations tend to be with stations in North America, but “CQ CQ” may attract surprise DX. In 2013, BC logs show QSOs with stations in Cuba, Costa Rica, Trinidad, Venezuela, Argentina, Peru, Brazil, Mexico, Puerto Rico, Panama, Denmark, Germany, Poland, Italy, Portugal, Spain, South Africa, Russia, Guam, Hawaii, Alaska, Japan and Indonesia.

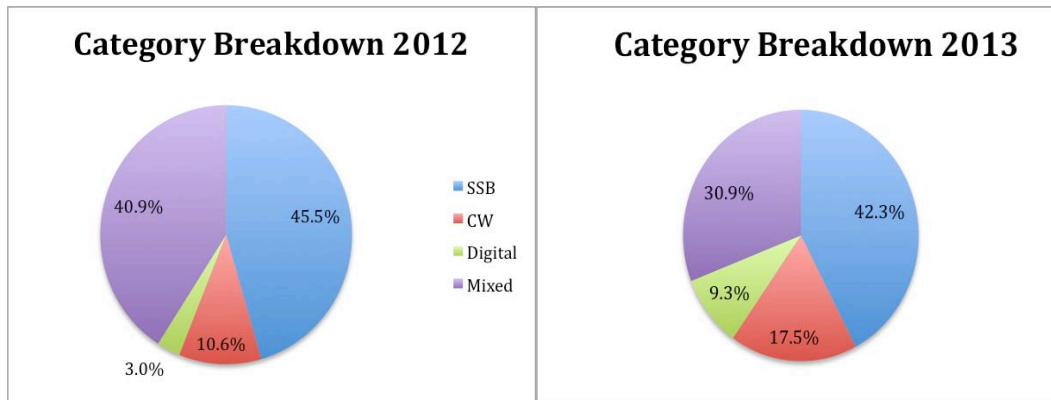


results by VE7JT and VE7JR substantiate many hours at the radio calling CQ.

With a good number of VE7/VA7s on the air, stations outside BC had a better chance of building larger logs. Despite challenging band conditions for many stations, there was a marked increase in Q counts from regular BCQP participants. Of the 66 out-of-province logs received, 17 had at least 10 Qs. This seems like a miniscule number, but it is an improvement over the 10 logs that had at least 10 Qs in 2012.

Greg VA3GKO successfully scooped up 34 Qs and lucrative bonus points to take top spot in Canada outside BC with a score of 2,120. This is a new record. Jeff WB8WKQ and Joe AL7KZ were tied, at 1,872 points, until bonus points were factored in and then WB8WKQ edged ever so slightly ahead to secure the top U.S. spot. The record, however, set by Dick N7RO in 2012, with a score of 3,558 points, still stands.

Looking at categories of entry overall, SSB and MIXED logs represented the bulk of entries in 2012 and in 2013, but the number of logs in these categories declined year on year, moving from 86.4% of the total—57 of 66 logs—in 2012 to 73.2%—71 of 96 logs—in 2013. SSB was a key component in MIXED entries in both years. Despite the apparent difficulties caused by NA Sprint, more CW operators either persevered or planned around NA Sprint, delivering 17 CW-only logs, compared with seven in 2012. This represented 17.5% of the log tally, up from 10.6% a year ago. The increase of 10 logs comes entirely from outside BC, but this means that there were enough BC stations on CW to give non-BC stations the opportunity for some Qs. There were two PSK/RTTY-only logs from BC stations in 2013 compared with zero in 2012, and seven digital-only logs from outside BC, up five from a year ago, representing 9.3% of total logs compared with 3.0% in 2012.



By QSO count, SSB was by far the most productive mode, although the composition of Qs mirrors the shift in categories of entry—down among SSB operators and up among CW and digital operators. Out of all the valid Qs in all the logs received, 3,981 (79.7% of an aggregate 4,998 Qs) in 2013 were on SSB, while 755 (15.1%) were on CW and 262 (5.2%) were on PSK/RTTY. To compare, in 2012, the aggregate Q count was 5,117, with 4,601 (89.9%) on SSB, 399 (7.8%) on CW and 117 (2.3%) on PSK/RTTY.

YL participation increased over previous years—a very nice development—and three YLs in particular are deserving of special mention. Elizabeth VE7YL persevered on CW and took top spot in the single-op low power CW category with 9,936 points (54 Qs) and set a new record. Donna AG6V, also single-op low power CW, had the highest score from outside BC in this category, at 996 points (18 Qs), also setting a new record. And Marcy VE7JT, as noted above, achieved top spot in her category of entry—single-op high power SSB—as well as the highest single-op result in BC. Again, a new record.

Top scores tend to get the most recognition. However, the results of all participants are noteworthy, individually, in certain components of the station log or in the fact that operators got involved in a QSO party for the first time, and also overall, in contributing to the success of this QSO party. The momentum sustained in 2013 was made possible by the efforts of everyone who got on the air. Congratulations to you all.



- Notes: 1. **Coverage in 2013:**
ABF BNW BSI BUD CFC CPG
DRE FPK KEL KOC KTC LAN
NAA NAC NND NVA NWC
OKC PGP PMM PWP RMD
SBV SGI SWC SYN VAQ VAS
VIC VIN
2. **Coverage in 2012:**
BNW BSI BUD CPG DRE
FPK KEL KOC KTC LAN
NAA NND NVA NWC OKS
PGP PMM PWP RMD SGI
SWC SYN VAE VAQ VIC VIN
WVS

Personal Perspective

A particular score might be a delightful surprise to one person and a terrible disappointment to another, depending on the criteria for evaluation. It is important to look beyond the score. The variables that influence individual results are diverse, from band conditions and propagation to operator-specific issues, such as work, health and family obligations that limit time in the chair, as well as station setup and operating expertise.

Only you know what influenced your score and/or the components therein. Analyze your log from a personal perspective to gauge success. Ask yourself some questions— Was search-and-pounce productive, and if so, when and where? Was CQing productive, and if so, were the stations that answered in BC or out-of-province? Did mode or band make a difference? Did other on-air events help or hurt? Is there a way to turn challenges into opportunities? The answers will help you devise strategies for future on-air events.

Soapbox continued from page 3

Thanks, it was a lot of fun. —*KF0GX*

I enjoyed the contest. —*VE7BQO*

This was the first SSB contest for a couple of ops. All were able to run with some help. —*VA7XB*

We went in as a Multi-Multi High Power SSB only. We had a blast. Ten operators, four stations, three decent meals and great company. We worked 160, 80, 40, 20, 15 and 10 meters. Everyone got a chance to work different stations - and different bands. It was awesome! —*VE7JR*

Great time ... best contest for me (low stress but exciting). 20W into a HF-2V vertical gave me a lot of fun! Thanks for running this contest! —*VA7BBG*

This weekend is about playing around in the QSO parties. I was disappointed to see such a low turnout for the BCQP when there were many BC stations operating the Mexican RTTY contest this weekend. —*WQ6X*

What a blast! Thanks. —*WB8WKQ*

Operating mobile from Palm Springs, CA. —*VE7TI/W6*

Always a fun contest, see you next year! —*VE7RCE*

Terrace Amateur Radio Club at the Provincial Emergency Radio Room in Terrace, B.C. —*VE7ECK* (op at *VE7NWZ*)

Propagation was really strange. All my PH contacts were “armchair-plus” copy, but never heard any BC stations on CW??? And 10m seemed to be open but only one BC station heard. —*WA5SWN*

Not many Qs this time, but lots of fun! Beat last year! —*VA7GAP*

Better than last year! Thanks to everyone. Enjoyed hunting for BC stations. —*WIEND*

Thanks for sponsoring, organizing and administering this event. —*W4JHU*

Thank you very much! —*JH2RMU*

BCQP 2013 was fun. I thoroughly enjoyed running with *VA7ODX* on SSB. It would be great if the other modes attracted more interest so that CW and DIGITAL operators are able to have as much fun as the SSB operators. —*VA7BEC*



Participants' Perspective

Jeff VE7JR and Bill VE7XS have taken part in BCQP for many years, perhaps for as long as the event has been in existence. In 2013, the VE7JR team had 10 operators (Bill VE7XS, Jeff VE7JR, John VE7TDI, John VE7EEX, Mike VE7ACN, Ben VA7BKL, Charlie VE7RM, Gary VE7AS, Heinz VA7AQ and Dave VE7DPE), making for a great day of radio with friends. Read on for thoughts from a participants' perspective.

Keeps Getting Better

by Jeff Franchuk VE7JR and Bill Gipps VE7XS

The first BCQP we did was done in a freezing-cold shipping container in Richmond. Then we did one or two years off of Jeff's 18th-story balcony with a BuddiPole. It was a bit warmer there, but not necessarily a better experience.



Early morning at the Project

The last few years, the venue has been the Project, and each year we have added more antennas, more operating stations and more operators. We have enjoyed the camaraderie and the fact that the BCQP has grown in popularity—both in BC and elsewhere—along with our interest in playing harder in it each year. This is the first year that we had all of the applicable HF bands on the air—along with dedicated radios and antennas. Band pass filters have made a huge difference and this is the second year we have had them, and they worked well. There was a lot of logistics to worry about—meals, networking, operator schedules, etc.—but it was all worth it because the most important thing was to have fun and we had a great time!!

not nearly the effort we put into last year, trying to stitch the logs together manually. And this year we certainly weren't the last station putting in our log!

This is the first year we had N1MM networked together and working. It took some effort, but

We particularly like the fact that the contest is 12 hours—like doing a long day in the office, it starts early and finishes early enough that we still have time left for other things that day.

We had an awesome time doing the contest again this year, and we are already planning for next year. We need some NVIS antennas. We also need more BC stations in our log. We had a lot of stations outside BC that wanted to work us and knew what exchange was required, so word is definitely getting out there about the BCQP. But it would be great to have more of the federal electoral districts in BC activated and more stations in these ridings on the air. More stations on the air = More fun at the radio.

See you again in 2014.



Overheard...

Q: I listened for BC stations for a couple of hours in the afternoon and heard only three. Where were you guys?

A: BC stations were definitely on the air. The apparent silence may have been caused by propagation, equipment setup, including antenna direction, and station QTH.

Propagation may not have been good on the bands where you were listening or at the times you were listening. Solar flux was in the low 100s during BCQP 2013, a level that doesn't make for good HF band conditions.

Antennas might have been pointed in directions unfavorable to your location or, given band conditions, signals might have taken a skewed path or skipped over you.

Proximity also plays a part, especially on the high bands. For example, stations in the Lower Mainland—the area around Metro Vancouver—often cannot hear stations in the Okanagan, about 400km or a five-hour drive northeast of Vancouver, on the high bands (10m, 15m and 20m). The low bands—40m and 80m—offer a better chance. Similarly, stations in the Lower Mainland might find it hard to make contact with stations in Washington and Oregon on the high bands but fare better on the low bands.

Q: CW is totally impossible once the NA Sprint started. You should choose a different date for BCQP.

A: Changing the date for BCQP is not an option at this time.

The timing of a QSO party is subject to many considerations, including coinciding events. No date is going to be completely free of other on-air activity somewhere in the world, so the merits and demerits of possible dates were debated with a concerted effort to schedule around major international contests that focus on North America, such as those under CQ and ARRL banners. This is because most contesters in BC will give preference to a big contest over a QSO party, and BCQP would, in effect, lose participants and also because weekend marathons with worldwide appeal are fast-paced, fiercely competitive events and few participants if any—even if they are aware that BCQP is taking place—would jeopardize high run rates to trade Qs in a QSO party.

From a North American perspective, the only event that has a truly disastrous effect on BCQP—and the other same-weekend QSO parties feel the hit, too, no doubt—is NA Sprint, and a date change just to accommodate CW activity in the last four hours of BCQP would be a rather overboard response.

Also, there is no guarantee that changing the date will attract more CWers, and even if it does, the increase may come at a cost—reduced participation on SSB, which currently generates the most activity.

Q: I heard more stations than I worked. I called and called but some stations just didn't seem to hear me.

A: That could be due to many things: antenna direction, band conditions, equipment and even operator ears.

Even if your signal is clean and loud, conditions at the receiving station may prevent your signal from getting through. You might have heard stations off the back of their antennas and not heard other stations calling them from the target direction. If all had been quiet, the operators probably would have heard you. Maybe it was band conditions at the other QTH, equipment issues, or maybe your ears are just better than those of the operators you heard.



Q: I read that new federal ridings will be added to the BC map. How will this affect BCQP’s multipliers?

A: The number of BCQP multipliers will expand to 42 from the current 36. The three-letter riding code used for multipliers will be revised to reflect renamed ridings.

Six new ridings have been added for the next federal election in 2015, boosting the number of federal electoral districts—and the multiplier base in BCQP—to 42 from the existing 36. The Lower Mainland will get five extra seats. The sixth seat will be on Vancouver Island.

Due to the addition of the new ridings, the original boundaries of all but three existing ridings have been redrawn, and most of the ridings have been renamed.

Riding Changes, Effective from the Next Federal Election

	Current	After Changes Implemented
New ridings		Burnaby North–Seymour, Vancouver–Granville, Delta, Cloverdale–Langley, Chilliwack–Hope and Cowichan–Malahat–Langford
Ridings with redrawn boundaries* *many ridings will take on a new name	Abbotsford, British Columbia Southern Interior, Burnaby–Douglas, Burnaby–New Westminister, Cariboo–Prince George, Chilliwack–Fraser Canyon, Delta–Richmond East, Esquimalt–Juan de Fuca, Fleetwood–Port Kells, Kamloops–Thompson–Cariboo, Kelowna–Lake Country, Kootenay–Columbia, Langley, Nanaimo–Alberni, Nanaimo–Cowichan, Newton–North Delta, New Westminister–Coquitlam, North Vancouver, Okanagan–Coquihalla, Pitt Meadows–Maple Ridge–Mission, Port Moody–Westwood–Port Coquitlam, Prince George–Peace River, Richmond, Saanich–Gulf Islands, Skeena–Bulkley Valley, South Surrey–White Rock–Cloverdale, Surrey North, Vancouver Centre, Vancouver Island North, Vancouver Kingsway, Vancouver Quadra, Vancouver South, West Vancouver–Sunshine Coast–Sea to Sky Country	Abbotsford, Burnaby South, Cariboo–Prince George, Central Okanagan–Similkameen–Nicola, Cloverdale–Langley, Coquitlam–Port Coquitlam, Courtenay–Alberni, Fleetwood–Port Kells, Fort Langley–Aldergrove, Kamloops–Thompson–Cariboo, Kelowna–Lake Country, Kootenay–Columbia, Mission–Matsqui–Fraser Canyon, Nanaimo–Ladysmith, New Westminister–Burnaby, North Vancouver, Pitt Meadows–Maple Ridge, Port Moody–Coquitlam, Prince George–Peace River, Richmond West, Saanich–Gulf Islands, Saanich–Juan de Fuca, Skeena–Bulkley Valley, South Okanagan–West Kootenay, South Surrey–White Rock, Steveston–Richmond East, Surrey Centre, Surrey–Newton, Vancouver Centre, Vancouver Island North–Comox–Powell River, Vancouver Kingsway, Vancouver Quadra, Vancouver South, West Vancouver–Sunshine Coast–Sea to Sky Country
Ridings with original boundaries preserved		Vancouver East, Victoria and Okanagan–Shuswap (renamed North Okanagan–Shuswap)



Q: When will the new multiplier list go into effect?

A: No earlier than 2015 but probably not until 2016.

The new ridings and redrawn boundaries will not be applied until the next general election, which is planned for October 2015. The earliest a general election could be called where the new ridings and redrawn boundaries—and thus new riding names—would take effect is April 2014. (Source: Redistribution Federal Electoral Districts website, “Timeline for the Redistribution of Federal Electoral Districts” under Frequently Asked Questions) Therefore, the current multiplier list shall remain in effect in 2014. Should the need to revise the list for BCQP 2015 become necessary, the appropriate information will be provided to logging software creators with as much lead-time as possible, and a new multiplier list will be made available on BCQP section of the Orca DXCC website.

Q: I wanted to participate in BCQP but my software doesn't support the contest and I didn't know how to use N1MM. Just for reference sake, is there another option?

A: Any software that generates an electronic file with the required information is OK. Paper logs are also accepted.

BCQP is fully supported by N1MM and CQ/X GPS-enabled software and will therefore score logs accurately if your radio and computer are interfaced. Larry K8UT has made a whole bunch of instructional videos (<http://n1mm.hamdocs.com/tiki-index.php?page=Instructional+Videos>) showing how to install N1MM and launch the program for the first time. These videos are great because you can actually "see" how to set stuff up.

That said, the objective of BCQP is to get operators on the air, so if your decision to participate hinges on logging software, use whatever program you are comfortable with. Maybe your software has a generic QSO party option?

Programs other than N1MM and CQ/X will not address multipliers or bonus points properly and may shortchange you on QSO points. You will have to rescore your log by hand after the contest, if you want to get an accurate score. However, the log-checking team confirms all scores, anyway, so don't worry too much about that aspect of your log. Just make sure your log shows the required data. See the example in the BCQP Rules.

Paper logs are OK, but if you have hundreds of QSOs in the log, we ask that you submit electronically to facilitate the log-checking process.



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

Results: BC Stations

Call	Category	District	Total QSOs	Mults	Base Score	Bonus	Total Score	Club
VE7BQO	SO QRP MIXED	SBV	41	38	4,484	60	4,544	Orca DXCC
VE7WJ	SOLP - SSB	NVA	407	193	157,102		157,102	Orca DXCC Bulkley Valley Amateur Radio Society Burnaby Amateur Radio Club White Rock Amateur Radio Club Orca DXCC
VE7WWW	SOLP - SSB	KTC	53	43	4,558	60	4,618	
VE7GM	SOLP - SSB	SWC	47	22	2,068	20	2,088	
VA7GAP	SOLP - SSB	NVA	30	28	1,680	40	1,720	
VA7BBG	SOLP - SSB	SBV	31	26	1,612	40	1,652	
VE7CGE	SOLP - SSB	BUD	29	20	1,160		1,160	
VA7YJJ	SOLP - SSB	NAC	17	16	544		544	
VA7GL	SOLP - SSB	SWC	5	6	60	20	80	
VE7IN	SOLP - SSB	SWC	2	3	12		12	
VE7YL*	SOLP - CW	RMD	54	46	9,936	40	9,976	Orca DXCC
VA7ST	SOLP - CW	KEL	20	15	1,200		1,200	
VA7GEM	SOLP - DIGI	NVA	92	38	13,984		13,984	
VE7NH	SOLP - DIGI	DRE	63	31	7,812		7,812	
VE7BC	SOLP - MIXED	NND	539	192	217,344	40	217,384	Orca DXCC
VE7CV	SOLP - MIXED	KTC	315	194	152,872	100	152,972	Orca DXCC
VE7JH	SOLP - MIXED	NAC	128	83	28,220	60	28,280	
VA7AQD	SOLP - MIXED	KTC	74	51	8,772	20	8,792	
VE7JT*	SOHP - SSB	SWC	721	186	268,212	60	268,272	Orca DXCC Orca DXCC
VE7VZ	SOHP - SSB	OKC	122	68	16,592		16,592	
VA7FC	SOHP - SSB	VIN	42	29	2,436		2,436	
VE7JMN	SOHP - SSB	KTC	8	10	160		160	



Call	Category	District	Total QSOs	Mults	Base Score	Bonus	Total Score	Club
VA7KO	SOHP - MIXED	DRE	220	129	110,682	120	110,802	Orca DXCC
VE7IO	SOHP - MIXED	SWC	112	79	31,126	40	31,166	Orca DXCC
VE7TK	SOHP - MIXED	SGI	55	37	4,292	60	4,352	Orca DXCC
VA7XB	MOLP - SSB	NND	177	100	35,400	40	35,440	Surrey Amateur Radio Club
VE7RCE	MOLP - SSB	BUD	67	45	6,030	40	6,070	Burnaby Amateur Radio Club
VE7NWZ	MOLP - SSB	SBV	26	23	1,196		1,196	Terrace Amateur Radio Club
VE7DB	MOLP - MIXED	SWC	103	58	15,196		15,196	White Rock Amateur Radio Club
VE7JR	MOHP - SSB	LAN	783	199	311,634	40	311,674	Langley ARA, Surrey ARC, Orca DXCC
VA7ODX	MOHP - MIXED	BNW	801	346	794,416		794,416	Sponsor station / Orca DXCC

Multi-Op Stations

VA7XB
 VE7RCE
 VE7NWZ
 VE7DB
 VE7JR
 VA7ODX

Operators

VA7CHX VA7JMR VA7XB VE7KGK
 VA7KMG VA7RCA VA7TU VE7AHM* VE7PNJ*
 VE7CNQ VE7ECK VE7JVC VE7MVH VE7SXS
 VE7CRT VE7GM VE7OFH VE7OM VE7UVL
 VA7AQ VA7BKL VE7ACN VE7AS VE7DPE VE7EEX VE7JR VE7RM VE7TDI VE7XS
 VA7BEC* VA7AM VE7YBH VE7XF

Note: * indicates YL op



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

Results: Outside BC

Call	Category	W/VE/ DX	Total QSOs	Mults	Base Score	Bonus	Total Score	Club
KF0GX	SO QRP -MIXED	MN	12	11	308	40	348	
KS4X	SO QRP -MIXED	TN	10	10	220	20	240	Tennessee Contest Group
W4UT	SO QRP -MIXED	TN	9	8	176	40	216	Tennessee Contest Group
N2WN	SO QRP -MIXED	TN	6	6	96	20	116	Tennessee Contest Group
AD7FC	SO QRP - SSB	WA	6	5	60		60	
ND3D	SO QRP - CW	MD	2	2	16	20	36	Potomac Valley Radio Club
VA3RKM	SO QRP - CW	ON	2	2	16	20	36	Contest Club Ontario
VA3GKO	SOLP - SSB	ON	34	30	2,040	80	2,120	
NW5Q	SOLP - SSB	TX	18	18	648	60	708	DFW Context Group
VE3XBL	SOLP - SSB	ON	14	13	364	20	384	
WA5SWN	SOLP - SSB	KS	12	11	264	40	304	
W8KNO	SOLP - SSB	OH	13	12	312	40	352	
N7LOB*	SOLP - SSB	WA	9	8	144	20	164	
KB1VUN	SOLP - SSB	NH	9	9	162	40	202	
W0NFS	SOLP - SSB	MO	7	6	84	20	104	Mississippi Valley DX/Contest Club
AJ4LN	SOLP - SSB	VA	4	4	32	20	52	Sterling Park ARC
VE9ML	SOLP - SSB	NB	3	3	18	20	38	Maritime Contest Club
K8BHK	SOLP - SSB	MI	4	2	16	20	36	
N9WL	SOLP - SSB	NM	4	4	32		32	
K0VG	SOLP - SSB	MN	3	3	18		18	Minnesota Wireless Association
KC9URR*	SOLP - SSB	IN	3	3	18		18	
JA7BEW	SOLP - SSB	JA	2	2	8		8	
N9VPV	SOLP - SSB	IL	2	2	8		8	
KG6YPH	SOLP - SSB	CA	2	2	8		8	Northern California Contest Club
AG6V*	SOLP - CW	CA	18	13	936	60	996	
W1END	SOLP - CW	NH	10	10	400	40	440	Yankee Clipper Club



Call	Category	W/VE/ DX	Total QSOs	Mults	Score	Bonus	Total Score	Club
NE7D	SOLP - CW	OR	8	8	256	40	296	Willamette Valley DX Club
WB8JUI	SOLP - CW	OH	6	6	144	40	184	Mad River Radio Club
K7QQ	SOLP - CW	WA	6	6	144	40	184	WWDXC
VE2AWR	SOLP - CW	QC	5	5	100	40	140	
K0JPL	SOLP - CW	MO	4	4	64	40	104	Mississippi Valley DX/Contest Club
W4ZPR	SOLP - CW	VA	4	4	64	20	84	
VE1OP	SOLP - CW	NS	2	2	16		16	Maritime Contest Club
WQ6X	SOLP - CW	CA	1	1	4		4	
JE2VYM	SOLP - CW	JA	1	1	4		4	
W4JHU	SOLP - DIGI	VA	3	3	36	40	76	
K3FH	SOLP - DIGI	PA	1	1	4	20	24	Tennessee Contest Group
N6STA	SOLP - DIGI	CA	2	2	16		16	PODXS 070
K5WW	SOLP - DIGI	TX	2	2	16		16	
WB8WKQ	SOLP - MIXED	MI	30	26	1,872	100	1,972	
W9AEM	SOLP - MIXED	WI	20	18	1,008	100	1,108	
N7VS	SOLP - MIXED	OR	14	12	384	40	424	Willamette Valley DXC
WB7CYO	SOLP - MIXED	ID	9	12	360	20	380	
N4ARO	SOLP - MIXED	TN	8	8	208	40	248	Tennessee Contest Group
K3MAW	SOLP - MIXED	MD	6	8	160	20	180	
VE5KS	SOLP - MIXED	SK	8	7	154	20	174	
N7TEW	SOLP - MIXED	AZ	6	5	90	60	150	Arizona Outlaws Contest Club
VE7TI/W6	SOLP - MIXED	CA	8	6	120		120	SARC, SEPAR, D-RATS
VE9AA	SOLP - MIXED	NB	3	3	30	20	50	Maritime Contest Club
AB9TR	SOLP - MIXED	MS	2	2	8	20	28	
W7ON	SOHP - SSB	AZ	10	10	200	20	220	Arizona Outlaws Contest Club
NY7N	SOHP - SSB	AZ	7	7	98		98	Arizona Outlaws Contest Club
VY1RM	SOHP - SSB	YT	4	4	32	20	52	
VE5ZC	SOHP - SSB	SK	5	4	40	20	60	
WA2VYA	SOHP - CW	FL	4	4	64	20	84	
DK2CF	SOHP - CW	DK	1	1	4		4	DARC



Call	Category	W/VE/DX	Total QSOs	Mults	Score	Bonus	Total Score	Club
W8CSN	SOHP - DIGI	MI	2	2	16	20	36	
AL7KZ	SOHP - MIXED	AK	29	26	1,872	80	1,952	South East Contest Club
JH2RMU	SOHP - MIXED	JA	10	9	216	60	276	
K4BAI	SOHP - MIXED	GA	6	6	132	20	152	
VE9CRM	MOLP - MIXED	NB	13	13	338	40	378	Club de radio amateur du Madawaska
W1NVT	MOHP - SSB	VT	11	8	176		176	Radio Amateurs of Northern Vermont
K7VIT	CHECKLOG	OR						Willamette Valley DX Club
N6ENO	CHECKLOG	CA						
WB2COY	CHECKLOG	NY						
KD0FIP	CHECKLOG	KS						
Multi-Op Stations	Operators							
VE9CRM	VE9BEL VE9RLW VE1PIN VE9GJL VE9BRY VE9SDY							
W1MVT	W1SJ AA1SU							

Note: * indicates YL op



Sponsor Information

Orca DX and Contest Club

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