

British Columbia QSO Party 2015



2015 certificate photo: Tantalus Lookout, Sea-to-Sky Highway

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Behind the Scenes

By Rebecca VA7BEC, Contest Coordinator BCQP

Fun or Disappointing?

Was BCQP 2015 immensely fun or disappointing? It all depends on your perspective, I guess.

Generally, “immensely fun” implies that activity was steady and smile-inducing moments occurred more often than moments of frustration, and “disappointing” tends to mean that a specific target—score, number of Qs, new record, etc.—was not achieved or that the effort expended was not commensurate with results.

From the VA7ODX perspective, BCQP 2015 was both immensely fun and slightly disappointing. The immensely fun aspect comes from steady activity, although the CW and RTTY operators found the going much slower than I did on SSB. The log is big—nearly 1,000 Qs—and full of familiar call signs and a surprising number of DX. Great fun!

The disappointing aspect was that VE7/VA7s comprise only a small percentage of our log and we have absolutely none on RTTY. I find this odd since Qs with VA7ODX provide QSO points and a possible multiplier as well as bonus points. But in radiosport, like real estate, it's all about location, location, location, and sometimes we just don't hear or

I tip my contest coordinator's hat to everyone who got on the air and/or helped others get on the air for BCQP 2015, wherever the QTH may be. I handle promotion and administrative details behind-the-scenes, but it is all of you who call CQ BCQP and/or answer CQs who continue to make this an increasingly enjoyable event. Thank you.

Rebecca VA7BEC



aren't heard by stations that appear in the logs of other BCQP participants.

VA7ODX results don't necessarily reflect overall participation, but in 2015, the number of BC stations on the air was indeed down. That in itself doesn't mean a shortage of VE7/VA7s to contact, if the operators who do get on the air stay in the chair and call "CQ".

CQ BCQP

The fun factor of BCQP definitely hinges on the participation of BC operators, especially those who call CQ. But participation is influenced by many variables, different every year and as diverse as the operators at each station, and if certain negative issues have a widespread impact, the overall result is a drop in on-air presence.

In 2015, participation by VE7/VA7s was down in absolute numbers—81 stations, compared with 101 in 2014—and the on-air presence was less extensive than last year. Why?

One reason might be that it was a long weekend in British Columbia—Family Day on Feb 9—and potential in-province BCQP participants were involved in other activities. I noticed a number of callsigns regularly heard in BCQP weren't on the air in 2015.

Another reason might be bad weather leading up to BCQP 2015, notably, near record-breaking snowfalls in northern BC and torrential rain in the south, which might have prevented station maintenance and outside preparation ahead of BCQP or created problems on event day.

A third reason might be K1N. This DXpedition was very much a focus of attention for operators near and far, and trying to catch this most-wanted entity certainly trumps a little QSO party.

Then again, a long weekend might allow people who typically have too much to cram into a regular two-day weekend more flexibility in their schedules. There are, in fact, quite a few callsigns in submitted logs that haven't appeared in previous years. These operators might just be new to the hobby or maybe the long weekend finally gave them the opportunity to participate.

As for bad weather, in areas unaffected by power outages, the snow and rain provided a great excuse to stay inside and apply time to radio pursuits.

One such radio pursuit was K1N. But the lure of K1N put operators in the shack when they might otherwise have been out and about, and after successfully getting into the K1N log, many operators did turn their attention to BCQP.

If the above factors had both positive and negative impacts on participation, essentially cancelling each other out, what caused BC participation to shrink?

Terrible Band Conditions?

The biggest reason for the decrease in BC stations on the air has to be issues related to band conditions on February 7, particularly the K-index and auroral activity.

Conditions and/or predictions at 1600z on February 7, when BCQP began, were representative of the whole day.

A Pineapple Express weather system collided with cold arctic air from the north, causing a massive blizzard with near record-breaking snowfall in northern BC communities—168cm in Kitimat and 159cm in Terrace (about five-and-a-half feet) from mid-afternoon Feb 5 through the early morning hours of Feb 7, cutting power, closing businesses and prompting a stay-at-home advisory for residents. Meanwhile, Metro Vancouver got soaked, with precipitation in some areas totaling 120mm (about 5 inches) over the days just before and during the BCQP weekend.

Source: News reports (TV, radio, online, printed) February 7, 2015



Solar flux was pretty good for the high bands (10m, 15m, 20m) but poor for the low bands. The sunspot count was middle-of-the-road. Higher would have been better, as with solar flux. The A-index was at the high end of OK, and the K-index was in the “active” zone but also deemed OK, although lower would have been better for both. The auroral oval was extensive, dashing hopes for over-the-pole Qs—essentially, Qs between BC and Europe—and hindering efforts by stations in southern BC to hear and be heard by stations north and northeast. When the aurora creeps southward, an option is to direct signals over non-great-circle routes so they bend away from the auroral oval, but for BC stations, that meant punching through the eastern wall and the signals generated by the many stations in other same-day events, such MNQP, VTQP and 10-10 Winter Phone. Not so easy.

Solar flux	143
Sunspots	71
A-index	9
K-index	4
Auroral activity level	4

Sources: www.swpc.noaa.gov and spaceweather.com (as of view on February 7 at 1600z)

Consequently, CQing was a challenge—not impossible but definitely difficult—and operators unaccustomed to contesting under such conditions might have figured that CQing was a lost cause. Maybe they tried and didn’t get much if any response. Maybe stations did respond but the CQers didn’t hear them for whatever reason (beam not pointed in the right direction, local QRM, skewed path). Band conditions probably exacerbated the usual issues. The noise level was intimidating on the low bands, but it’s clear from submitted logs that anyone who persevered did get a response. Some signals were deep in the mud. Some not so bad at all.

Moral of the story? A band only seems dead when no one is calling CQ. Radio is like fishing—if you don’t drop your line in the water, you’re guaranteed to never catch a fish. There was tremendous interest from outside BC, and those operators really hoped to hear and work more BC stations. So calling CQ, especially if the station is in BC, is not a lost cause.

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 increasingly “CQ BCQP” attracts DX. In addition, auroral activity often sends signals on a skewed path that may attract the attention of operators off the intended heading.

In 2015, BC logs show Qs with stations in Venezuela, Argentina, Brazil, Italy, Mexico, Puerto Rico, Slovakia, Sweden, Germany, South Africa, South Cook Islands, Dominica, Finland, Russia, Serbia, Czech Republic, Slovenia, Hungary, Guatemala, Aruba, England, Dominican Republic, Curacao, Ecuador, Belgium, Falkland Islands, Costa Rica and Japan.

Despite the Challenges...

Several stations not only built big logs but also set new records. Of note, Jeff WB8WKQ and John VE5KS achieved higher results year-on-year and picked up plaques for Top US and Top Canada Outside BC, respectively. Eric N7EPD and Stan NW5Q greatly surpassed their scores from last year, too, up 70.7% and 150.3%, respectively.

In BC, some stations surpassed previous bests on an exponential scale. Adam VA7AQD turned in a score of 61,740—seven times higher than in 2013, his last BCQP outing. Gabor VE7JH maintained an upward trend with a 77.5% increase, to 73,508. Margaret VE7TJF more than doubled her score year-on-year, to 50,836. Dave VE7VR almost tripled his score, to 98,300. Elizabeth VE7YL did triple her score, to 7,170, with all but one of her 58 Qs on CW.



Alternate CW Frequencies after 0000z

A recurring grumble from CW operators is that it's game over once the NA Sprint starts at 0000z. So in 2015, BCQP had alternate suggested frequencies for 80M, 40M and 20M—the NA Sprint bands—between 0000z and 0400z so that BCQP participants keen for CW Qs could continue above the mayhem of the Sprint.

The frequencies were quite high up in the respective bands, encroaching on other mode allocations. A few CW operators, careful and courteous, I'm sure, used these alternate frequencies and made some Qs after 0000z. But the number is small. This may be due more to poor band conditions and a limited number of CW operators calling "CQ BCQP" than Sprint-related mayhem, so we'll keep these alternate suggested frequencies for 2016 to see if they really make a difference to CW activity or not.

Please remember: Suggested frequencies are suggestions NOT requirements. The most important rule in our hobby is to listen before transmitting. If necessary, move up or down a bit to avoid QRMing others, particularly on alternate frequencies which may be used/shared by other modes.

Logging Programs

More and more writers are adding BCQP support to their logging programs. The latest one to do so is N3FJP for state QSO parties, and it worked absolutely perfectly!

Novel Station Support

Also of note, an interesting support strategy emerged that could help offset any perceived scarcity of BC stations in the future and maximize Q potential, especially for out-of-province participants on the hunt for BC stations.

After sunset, Gabor VE7JH got a group going on 7230 with VE7/VA7s from federal electoral districts

EJF, KTC, NAA, NAC, NVA, SBV, VIC and VIN. They just hung around the frequency, making it interesting for others who stopped by for a BCQP Q and giving casual operators who might be hesitant to call CQ the opportunity to work stations that dropped by.

When I listened in, it sounded like a net, with Gabor as net control. An operator happening upon the group would hear Gabor or another station complete a Q and then, when prompted by Gabor, execute a Q of his/her own with one or more of the listening stations. This approach wouldn't do if Gabor were in a fast-paced pileup, but the situation was right and the group was able to facilitate Q opportunities with stations that might otherwise have been missed.

On my running frequency, too, an out-of-province station heard me complete a Q with a BC station and then quickly asked if that station might go up 5 for a Q.

BCQP is casual and friendly, certainly conducive to this kind of shared frequency station support. Listen for it next year, or maybe try to get something going yourself, if the situation permits.

BCQP 2016

Mark your calendars. BCQP 2016 will run from 1600z February 6 to 0400z February 7.

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 12-hour event.

I hope you will join Orca DXCC in BCQP 2016. Hopefully, band conditions will be better and we'll all have a whale of a good time.

February						
Sun	Mon	Tue	Wed	Thu	Fr	Sat
31	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	29	1	2	3	4	5



Rewards

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 also offers lovely BC scenery-inspired certificates and plaques, different every year and therefore collectible. This seems to be fueling some friendly competition.

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.

Thanks to the support of clubs and individuals, BCQP 2015 had plaques in eight categories*: Top Score BC, Top Score Canada outside BC, Top YL Score, Top Score US, Most Federal Electoral Districts Contacted, Top Rookie, Top DX and Top Mixed Mode.

In 2015, VA7NLF qualified in three plaque categories—top BC, top mixed mode and most federal electoral districts contacted (tie)—and WB8WKQ qualified in two plaque categories—top US and most federal electoral districts contacted (tie)—but since each station can only receive one plaque, as per BCQP Rules, the Contest Committee proposed that a priority should be placed on geography. With the agreement of plaque sponsors, the Top BC plaque goes to VA7NLF and the Top US plaque, to WB8WKQ. The plaques for top mixed mode and most federal electoral districts contacted are thus awarded to the stations with the next-highest results, which happen to be top scores in the single-operator high-power mixed and single-operator low-power mixed categories of entry.

Plaque Winners in 2015

Team VA7NLF (MOHP MIXED) took top BC spot in 2015. The team—Christine VA7NLF, Stan VA7NF, Marcy VE7JT, Fred VE7IO—racked up a score of 840,128 and broke the record achieved last year when a smaller team—just Christine and Stan, operating under Stan's callsign—posted a score of 628,530. The team focused on SSB in 2015, and the extra YL on this popular mode certainly paid off.

Jeff WB8WKQ (SOHP MIXED) returned to top spot US and set a new US record with a score of 16,120.

John VE5KS (SOLP MIXED) maintained his hold on the plaque for Top Canada Outside BC. He, too, set a new record with a score of 7,020.

Margaret VE7TJF (SOLP SSB) retained top YL status with a score of 50,836.

Aki JH2RMU (SOHP MIXED) worked diligently to find BC stations and managed a score of 780, which gets him the top DX plaque.

Brian VE7ELS (SOLP SSB), with a score of 1,322, captured the top rookie plaque in his BCQP debut.

Special plaques will be awarded to **Dave VE7VR** (SOHP MIXED) and **Dick N7RO** (SOLP MIXED) for their outstanding efforts in mixed mode and the treasure hunt for federal electoral districts. (See note below.)



Plaque photo: From Tantalus Lookout, along Sea-to-Sky Highway, looking south toward Squamish

*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.

Going forward, plaques will be awarded in accordance with this priority structure, and special plaques will be awarded, as appropriate, to the station with the next highest score, which may be a top score in a specific category of entry.



Thank you to the following 2015 plaque sponsors:

Fleetwood Digital Products (Top BC, Top Rookie)

Burnaby Amateur Radio Club (Top YL)

Orca DXCC (Top US)

Cowichan Valley Amateur Radio Society (Top Canada outside BC)

Surrey Amateur Radio Club/Surrey Emergency Program Amateur Radio

(Most Federal Electoral Districts Contacted)*

Rebecca VA7BEC and Koji VA7KO (Top DX)

North Shore Amateur Radio Club (Top Mixed Mode)*



Note: In 2015, due to the one plaque per station rule, the top mixed mode and most electoral districts contacted plaques were renamed to specific categories of entry, as the next-highest overall scores in the two plaque categories were top scores in the single-operator high power mixed category and the single-operator low power mixed category, respectively.

Soapbox

N7MZW—I was trying to set a new WY SSB record for the MN QSO Party, but gave out the Wyoming mult to BC stations I stumbled across. Thanks for the Qs!

DL8UI—Great to work VA7ODX first time on 10 meters! Had a lot of fun even when CONDX from DL to BC was not so good. Hope to see you all in BCQP 2016.

OM2VL—3 QSO parties + expedition of the year on same weekend Made contacts with K1N Navassa Island DXpedition as my #339th DXCC. K1N in the LOG :) on 160, 80, 40, 30, 20, 15 and 12 but spent lots of time in pileups (especially on 10m) and missed many BCQP QSO opportunities... Made 111 QSOs in MNQP and 36 in VTQP. Busy weekend!

JA1CRJ—Thank you so much, 73!

JH2RMU—I enjoyed the contest. I wanted to make QSOs with many BC stations.

JR1NKN—Thank you for the QSOs. I enjoyed very much.

KE9EX—Finally got a K1N QSO, and then found your QSO Party. Hope to do more BCQP next year. TNX for the QSO Party.

VE1RGB—What a pitiful performance, but I worked everything I heard!!

VE5KS—Had a great time. CONDX were fantastic from SK to BC.

VE7BQO—Once again it was a pleasure to take part in this event.

VE7HRA—Great time and had fun.

VE7JR—Another great day - working from the Project and having a load of fun. Good food, good company and good conditions. Thanks to all that played.

VE8NSD—The highlight for me was the VE7 who told me “you east coast guys are killing us out here!” I grinned all night.

VE9BEL—I enjoy a challenge and your qso party is really one for me with qrp 5w-CW and 2.5w Digital.

WIEND—It was fun hunting BC stations on CW. I found a few but not as many as last year.

W7CH—Did a lot of searching didn't find many BC stations, but still lots of fun.

WA5SWN—After a good score last year, I expected to do better this year. Boy, was I wrong. Just NO propagation from the northwest or west at my QTH. Just wait until next year.

WB3BSA—I hope to do better next year. I spent too much time trying to work K1N on 10-meters. I spent a little over 6 hours in this contest.

WB7CYO—FB QSO Party again !!!!!

WB8WKQ—Don't be afraid to call CQ BC being a Non-BC station. Had a couple nice runs.

XE1AY—My first time in this contest. I couldn't find the party name in the N1MM list right away and needed help. Next time I will be prepared. Last minutes, I heard VE7VR but he didn't hear me.

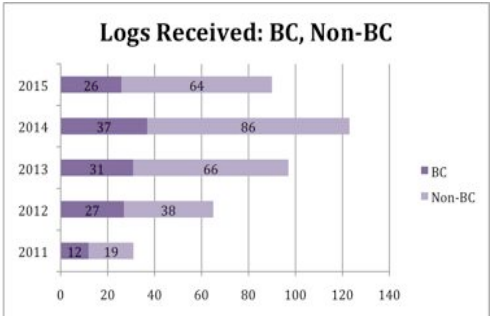


Crunching the Numbers

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.

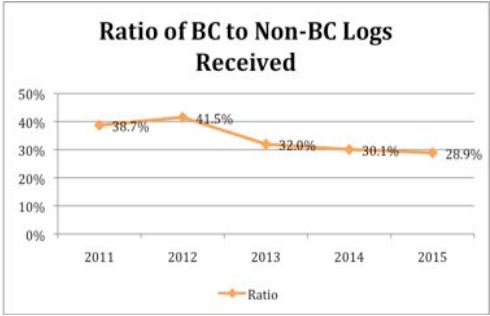
Log submission is not a requirement of participation, but the more logs received, the more accurate the analysis will be.



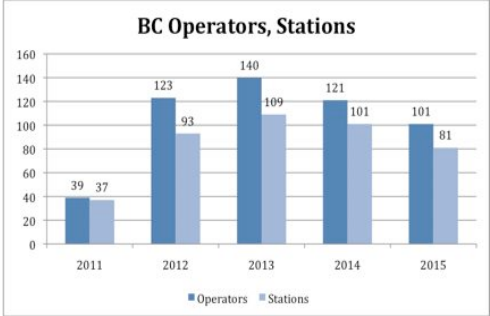
Number of Logs, Number of BC Stations on the Air

A total of 90 logs were received, down 33 from a year earlier, with 26 logs from BC stations and 64 logs from stations outside BC, down nine and 22, respectively.

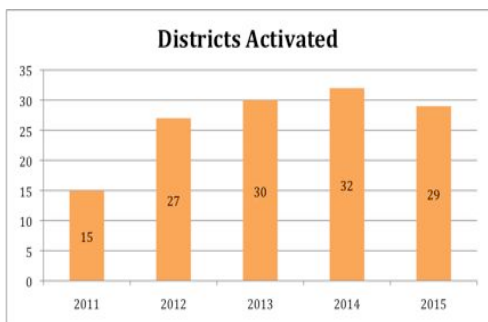
As in previous years, the number of logs from BC stations was low, relative to the number of logs received overall, with a BC ratio of just 28.9%. This is down slightly—about 1.2 percentage points—from 2014.



Based on the content of submitted logs, the number of in-province stations on the air reached 81, a year-on-year decrease of 20, and the number of operators, in teams or on their own, declined by 20 as well. Possible reasons for reduced participation by BC operators include disappointing band conditions, conflicting schedules—radio and non-radio related—over a long weekend (Family Day) in BC, and bad weather, which impacted maintenance and preparation before BCQP and/or might have created issues during the party.



Snow in February—sometimes lots of it—along with the vast, sparsely populated and generally mountainous expanse of federal electoral districts beyond the Lower Mainland and Vancouver Island, are the primary reasons that driving around to activate multiple districts in BCQP isn’t a popular option for operating in BCQP.



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 in 2015, to 29^{note 1}, from 32^{note 2} a year ago, out of a possible 36.

In BCQP 2016, the multiplier base will expand to 42, with five new districts in the Lower Mainland and one on Vancouver Island. The original boundaries of all but three ridings have been redrawn, and most of the districts have been renamed. (See page 14 for details.)

Two stations tied in the hunt for the most federal electoral districts in 2015: team VA7NLF and Jeff WB8WKQ, each finding 24 districts but not necessarily the same ones. Dick N7RO picked up 18 districts. Given the challenges—fewer stations calling CQ and tough band conditions—that characterized BCQP 2015, these results are outstanding.

Noteworthy BC Results

The top BC single-op result in 2015, regardless of category, was by Dave VE7VR, with a score of 98,300. This was achieved by maximizing two modes—SSB and CW—at high power. The BC single-op record (268,272) set by Marcy VE7JT—SSB only—in 2013 still stands.

In the multi-op class, sponsor station VA7ODX beat its previous high—867,970—with a score of 942,020 through a committed presence on three modes. But the sponsor station isn't in contention for a plaque or certificate. The information is just for reference.

Close on the sponsor station's heels was Team VA7NLF, with last year's top BC plaque recipients Christine VA7NLF and Stan VA7NF joined by experienced operators Marcy VE7JT and Fred VE7IO. The team set a new (competitive) BC record with a score of 840,128.

Of the 26 logs received from BC stations, 17 show more than 50 Qs. Of these 17 logs, nine have more than 200 Qs. Of the five multi-op stations, three—including VA7ODX—logged more than 600 Qs.

A quick year-on-year comparison reveals that several repeat participants set new personal bests. This certainly indicates that even when conditions are terrible, a concerted effort to call CQ will attract attention from near and far. BC stations determined to capitalize on the anyone anywhere opportunity can definitely build big logs and have lots of fun doing it. And stations outside BC will have an easier and more enjoyable time finding BC stations to work.

Through extensive promotion, BCQP draws interest from stations near and far. BC operators who call CQ enjoy sustained activity, which translates into more Qs, more mults and bigger logs, as well as a higher station profile and an increased chance of being spotted, which attracts even more attention, boosts the Q count further, and ... (repeat). Even when band conditions are poor.

Commendable Results Outside BC

Despite the challenging band conditions and a shallower reservoir of BC stations to tap, Jeff WB8WKQ and Dick N7RO worked tirelessly to find VE7/VA7s and achieved terrific results in mixed mode (CW and SSB), high power and low power, respectively. Both operators beat their previous personal bests. Jeff more than doubled his score from last year, to 16,120, which earned him the Top US plaque and established a new US record.



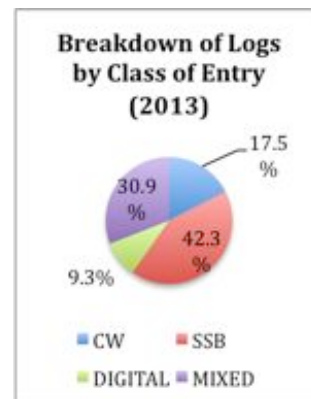
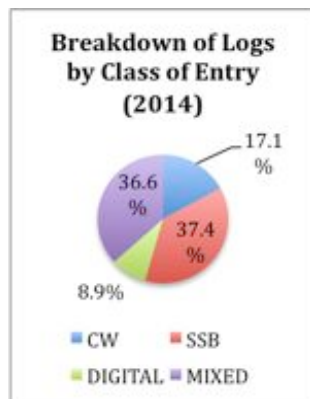
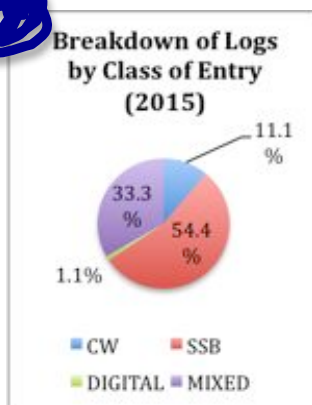
John VE5KS also exceeded his own benchmark, with 7,020 points in 2015, to secure his hold on the Top Canada Outside BC plaque for a second straight year.

Aki JH2RMU persevered on CW and SSB to capture the Top DX plaque, with a score of 780. But the record set by Dale CE2AWW in 2014 still stands.

Of the 64 out-of-province logs received, 12 show 20 or more Qs.

Breakdown of Logs by Class of Entry (Mode)

As in past years, SSB and MIXED logs accounted for the bulk of entries in 2015, and SSB remained a key component in nearly every MIXED log. Combined, the number of logs in these two categories surged year-on-year, moving from 74.0% of total logs received in 2014 to 87.7% in 2015. The change is largely a reflection of more SSB-only logs as a percentage of total logs received, which represented 54.4% in 2015, compared with 37.4% in 2014, while MIXED logs dropped to a share of 33.3%, from 36.6% a year ago. There was only one DIGITAL-only log submitted in 2015, squeezing the ratio to just 1.1%, a steep decrease from the 8.9% share recorded in 2014. The number of CW-only logs continued to shrink, dropping to 11.1% from 17.1% a year ago.

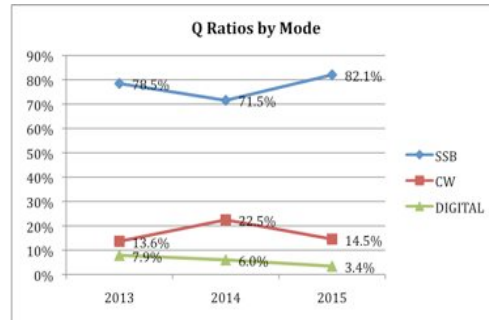
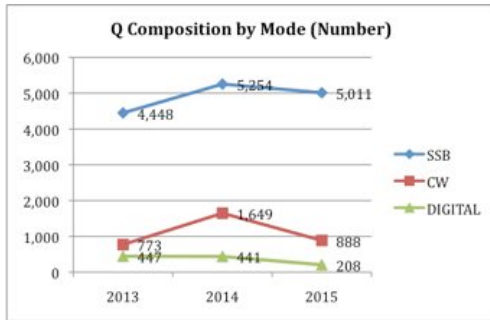


Q Composition

Based on data in logs received, the number of CW Qs reached 888, tumbling 46.1% from a year ago, and the CW ratio shrank to 14.5%, from 22.5% in 2014, reversing two years of growth. The excuse that NA Sprint derailed CW operations doesn't seem to apply since the NA Sprint issue isn't new, and in 2015 alternate suggested frequencies were announced to facilitate continued CW activity after the 0000z NA Sprint start.

Although SSB remained the most productive mode by far for stations inside and outside BC, the number of Qs in this mode slipped 4.6%, to 5,011. Nevertheless, the SSB ratio rebounded, up 10.5 percentage points, to 82.0%.

The number of DIGITAL Qs plummeted 52.8%, to 208, and the DIGITAL ratio continued to plot a downward path, falling to 3.4%, from 6.0% in 2014. Nearly all the DIGITAL Qs come from the lone submitted DIGITAL log—76 Qs on PSK—and the DIGITAL component of the sponsor station log—117 Qs on RTTY—and neither stations had any VE7/VA7s Qs on DIGITAL. Nearly all the DIGITAL Qs made with out-of-province stations participating in BCQP were with VA7ODX.



Outlook for BCQP 2016

BCQP has built a solid base of past participants and welcomes new participants every year, so BCQP 2016 should be well attended. In addition, revision of the federal electoral district map will give BC six new ridings and thus six new BCQP multipliers.

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 2016 or how conditions will be interpreted by individual operators on event day.

To encourage operators throughout BC to activate as many of the province's new federal electoral map as possible, a special certificate program is being considered for BCQP 2016 that will recognize outstanding results—top score or most Qs, based on eligibility of a certain number of Qs—in each riding. If successful, this program could anchor incentives for stations outside BC as well.

Details will be announced when the promotion bandwagon rolls out in November 2015.

For Next Time

New Multiplier List for BC Federal Electoral Districts

BCQP uses federal electoral districts as multipliers because the province does not have counties—the typical multiplier in QSO parties—and each district is identified by a three-letter code. Note that these three-letter combinations are used only in BCQP and are not relevant in any other application except BCQP.

The map of federal electoral districts has been revised, effective from the autumn 2015 federal election, and gives British Columbia six new ridings. The boundaries of all but three of the province's current 36 ridings have been redrawn, and nearly all ridings have been renamed, accordingly.

Consequently, BCQP multipliers and their associated three-letter codes have changed. This list will also be uploaded to the BCQP webpage, under Multipliers, for easy download.

To find a federal electoral district, go to www.elections.ca and enter a postal code. Current as of May 2015, you will be directed to another page showing options for the current riding name and the one effective as of the 2015 federal election.

Multiplier Code	Federal Electoral District
ABF	Abbotsford
BNS	Burnaby North–Seymour
BUS	Burnaby South
CPG	Cariboo—Prince George
CSN	Central Okanagan—Similkameen—Nicola
CHP	Chilliwack–Hope
CLC	Cloverdale–Langley City
CPC	Coquitlam—Port Coquitlam
COA	Courtenay—Alberni
CML	Cowichan—Malahat—Langford
DEL	Delta
ESQ	Esquimalt—Saanich—Sooke
FPK	Fleetwood—Port Kells
KTC	Kamloops—Thompson—Cariboo
KEL	Kelowna—Lake Country
KOC	Kootenay—Columbia
LAA	Langley—Aldergrove
MMF	Mission—Matsqui—Fraser Canyon
NAL	Nanaimo—Ladysmith
NWB	New Westminster—Burnaby
NPR	North Island—Powell River
NOS	North Okanagan—Shuswap
NVA	North Vancouver
PMM	Pitt Meadows—Maple Ridge
PMC	Port Moody—Coquitlam
PPN	Prince George—Peace River—Northern Rockies
RIC	Richmond Center
SGL	Saanich—Gulf Islands
SBV	Skeena—Bulkley Valley
SWK	South Okanagan—West Kootenay
SWR	South Surrey—White Rock
STR	Steveston—Richmond East
SUC	Surrey Centre
SUN	Surrey—Newton
VAC	Vancouver Centre
VAE	Vancouver East
VAK	Vancouver Kingsway
VAQ	Vancouver Quadra
VAS	Vancouver South
VAG	Vancouver—Granville
VIC	Victoria
WVS	West Vancouver—Sunshine Coast—Sea to Sky Country



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

* indicates YL, ^ indicates Rookie

Callsigns in **bold** are certificate winners; italics indicate sponsored plaque winners

Results: BC

Call	Category	District	Total Qs	Mults	Base Score	Bonus	Total Score	Club
VE7BQO	SO QRP MIXED	SBV	56	53	9,328	60	9,388	Orca DX and Contest Club
VE7DDG	SOLP CW	RMD	102	80	32,640	40	32,680	Orca DX and Contest Club
VE7NX	SOLP CW	NWC	10	11	440	20	460	Orca DX and Contest Club
<i>VE7TJF*</i>	SOLP SSB	DRE	249	102	50,796	40	50,836	Orca DX and Contest Club
VE7GYR	SOLP SSB	NAA	110	64	14,080	40	14,120	
VE7HRA	SOLP SSB	DRE	52	36	3,744	40	3,784	Orca DX and Contest Club
VE7VAW	SOLP SSB	VIC	43	33	2,838	20	2,858	
VE7CYU	SOLP SSB	NVA	31	31	1,922	20	1,942	Orca DX and Contest Club, North Shore ARC
VE7RSV	SOLP SSB	VIN	33	23	1,518	20	1,538	
<i>VE7ELS^</i>	SOLP SSB	SBV	31	21	1,302	20	1,322	Bulkley Valley Amateur Radio Society
VE7BH	SOLP SSB	NAC	6	5	60		60	
VA7ARI	SOLP SSB	VAQ	3	4	24		24	
VA7GEM	SOLP DIGITAL	NVA	76	53	16,112		16,112	
VE7JH	SOLP MIXED	NAC	218	124	73,408	100	73,508	Orca DX and Contest Club
VA7AQD	SOLP MIXED	KTC	252	120	61,680	60	61,740	
VE7CV	SOLP MIXED	KTC	176	131	55,806	180	55,986	Orca DX and Contest Club
VE7YL*	SOLP MIXED	RMD	58	31	7,130	40	7,170	Orca DX and Contest Club
VA7ST	SOLP MIXED	KEL	56	32	4,544		4,544	Orca DX and Contest Club
VE7ACN	SOHP SSB	BNW	221	84	37,128		37,128	Orca DX and Contest Club
VE7VR	SOHP MIXED	BNW	332	140	98,280	20	98,300	Orca DX and Contest Club
VE7AX	SOHP MIXED	NAA	22	17	1,190	20	1,210	Orca DX and Contest Club
VE7SAR	MOLP SSB	NND	616	161	198,352	20	198,372	Surrey ARC
VE7JR	MOHP SSB	LAN	281	121	68,002	40	68,042	Langley ARA, Surrey ARC, Orca DX and Contest Club



Call	Category	District	Total Qs	Mults	Base Score	Bonus	Total Score	Club
VE7DB	MOLP MIXED	SWC	51	37	4,736	20	4,756	
VA7ODX	MOHP MIXED	NWC	956	370	942,020		942,020	Orca DX and Contest Club
VA7NLF	MOHP MIXED	SWC	1313	296	840,048	80	840,128	Orca DX and Contest Club

Multi-Op Stations

Operators

VE7JR VE7RB VE7XS VE7NEM VA7MP VE7WY
 VE7SAR VA7XB VA7XNL VE7AXU VE7GM
 VA7NLF* VE7JT* VA7NF VE7IO
 VA7AM VA7BEC* VA7KO
 VE7DB VA7GL VA7NX VE7OM VE7UVL VE7WNO



* indicates YL, ^ indicates Rookie
 Callsigns in **bold** are certificate winners; italics indicate sponsored plaque winners

Results: Outside BC

Call	Category	District	Total Qs	Mults	Base Score	Bonus	Total Score	Club
VE3DTI	SO QRP CW	ON	3	3	36	20	56	
JR1NKN	SO QRP CW	DX	2	2	16	20	36	
KS4X	SO QRP SSB	TN	9	8	144	20	164	Tennessee Contest Group
W4UT	SO QRP MIXED	TN	11	10	260	20	280	Tennessee Contest Group
N2WN	SO QRP MIXED	TN	5	5	76	40	116	Tennessee Contest Group
VE9BEL	SO QRP MIXED	NB	3	3	36	20	56	
W1END	SOLP CW	NH	7	5	140	20	160	Yankee Clipper Contest Club
W8NOR	SOLP CW	AZ	5	5	100	60	160	
VE1RGB	SOLP CW	NS	4	4	64	20	84	Maritime Contest Club
KI6NGN	SOLP CW	CA	4	3	48		48	
W4BK	SOLP CW	TN	1	1	4	20	24	Tennessee Contest Group
JA1CRJ	SOLP CW	DX	1	1	4	20	24	
VA3GKO	SOLP SSB	ON	31	28	1,736	80	1,816	
NW5Q	SOLP SSB	TX	22	19	836	60	896	DFW Contest Group
WB3BSA	SOLP SSB	PA	16	14	448	60	508	
K7RFW	SOLP SSB	UT	16	14	448	20	468	
N7MZW	SOLP SSB	WY	13	10	260	60	320	Grand Mesa Contesters of Colorado
N0ZTO	SOLP SSB	CO	12	10	240	20	260	
WB7CYO	SOLP SSB	ID	10	8	160	40	200	
KF5WFL	SOLP SSB	CA	9	8	144	20	164	
WZ6ZZ	SOLP SSB	CA	8	8	128	20	148	
N6ENO	SOLP SSB	CA	8	7	112	20	132	Northern California Contest Club
VE1TWM	SOLP SSB	NS	6	6	72	40	112	
VE3CX	SOLP SSB	ON	6	6	72	20	92	Contest Club Ontario
VE8NSD	SOLP SSB	NT	6	6	72		72	
N9WL	SOLP SSB	NM	5	5	50	20	70	
WA5SWN	SOLP SSB	KS	4	3	24	40	64	
KF0JA	SOLP SSB	GA	6	5	60		60	
AJ4LN	SOLP SSB	VA	3	3	18	40	58	Sterling Park ARC
KD6NIG	SOLP SSB	CA	4	4	32		32	



Call	Category	District	Total Qs	Mults	Base Score	Bonus	Total Score	Club
VE2GT	SOLP SSB	QC	2	2	8	20	28	Contest Group du Quebec
W7KAM	SOLP SSB	MO	2	2	8	20	28	Society of Midwest Contesters
KC9UHH*	SOLP SSB	WI	4	3	24		24	Society of Midwest Contesters
KG6YPH	SOLP SSB	CA	2	3	12		12	Northern California Contest Club
JR2TRC	SOLP SSB	DX	2	2	8		8	
KD6GWQ	SOLP SSB	CA	2	2	8		8	
K7JNA*	SOLP SSB	WA	2	2	8		8	
JA7BEW	SOLP SSB	DX	1	1	2		2	JARL Green Club
K7JKM	SOLP SSB	OR	1	1	2		2	
KU9V	SOLP SSB	IN	1	1	2		2	Society of Midwest Contesters
AD7UP	SOLP SSB	OR	1	1	2	20	22	Willamette Valley DX Club
N7VS	SOLP SSB	OR	4	3	24	20	44	Willamette Valley DX Club
KV4MO	SOLP SSB	TN	1	1	2		2	
XE1AY	SOLP SSB	DX	1	1	2		2	DXXE
N7RO	SOLP MIXED	WA	71	61	11,102	200	11,302	Orca DX and Contest Club
VE5KS	SOLP MIXED	SK	51	45	6,840	180	7,020	Saskatchewan Contest Club
N6MU	SOLP MIXED	CA	40	36	4,032	100	4,132	Southern California Contest Club
VE2ZT	SOLP MIXED	QC	26	24	1,872	80	1,952	ARC Sorel-Tracy
N4ARO	SOLP MIXED	TN	12	10	360	40	400	Tennessee Contest Group
KE9EX	SOLP MIXED	IL	7	7	140	40	180	
K0HNC	SOLP MIXED	KS	7	6	108	60	168	
VE2AWR	SOLP MIXED	QC	5	4	64	40	104	
KK7XX^	SOHP SSB	CA	10	9	180	40	220	NCDXC
W7CH	SOHP SSB	WA	6	6	72	40	112	
AB4GG	SOHP SSB	TN	4	4	32	40	72	Tennessee Contest Group
WB8WKQ	SOHP MIXED	MI	85	70	15,960	160	16,120	
N7EPD	SOHP MIXED	WA	10	28	2,576	80	2,656	Pacific Northwest VHF Society
JH2RMU	SOHP MIXED	DX	9	15	720	60	780	
KA6BIM	SOHP MIXED	OR	6	14	644	120	764	Willamette Valley DX Club
OM2VL	SOHP MIXED	DX	5	8	224	80	304	
DL8UI	SOHP MIXED	DX	4	8	192	80	272	
VE3TW	SOHP MIXED	ON	2	4	48	40	88	Contest Club Ontario
W1NVT	MOHP SSB	VT	17	15	510	20	530	Radio Amateurs of Northern Vermont
VE9ML	MOHP MIXED	NB	28	28	2,520	120	2,640	Maritime Contest Club



Multi-Op Stations	Operators
VE9ML	VE9ML VE9BK
W1NVT	W1SJ KB1THX KB1IVE N1CFO KB1VJD KB1VJE N7BX

Note: Special Certificates

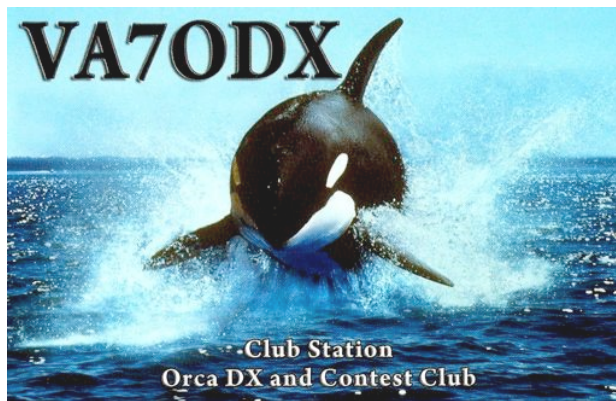
Categories SOLP SSB had enough logs submitted to warrant 2nd and 3rd place certificates (NW5Q and WB3BSA, respectively).



Sponsor Information

Orca DX and Contest Club

Callsign	VA7ODX
Mailing address	444 - 604 Columbia Ave. New Westminster, BC Canada V3M 1A5
Website	www.orcadxcc.org
BCQP inquiries	bcqp [at] orcadxcc [dot] org



Photograph by Gerard Lacz/Animals Animals