

British Columbia QSO Party 2014



2014 certificate photo: English Bay, looking west from Stanley Park seawall, Vancouver

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Behind the Scenes

By Rebecca VA7BEC, Contest Coordinator BCQP

Solid Steps Forward

When I sat down in front of the radio for the first BCQP under Orca DXCC sponsorship, back in 2012, I really had no idea how the day would go. In the recap for that year, I compared BCQP to a dinner party. Invitations had been sent out, word was getting around, and lots of preparations had been made. But who would show up, how long would they stay, and would they have fun?

Happily, the party was a lot of fun that year, and the majority of people who got on the air had very positive things to say. The second BCQP under the Orca banner—2013—drew on the momentum of the previous year's success to attract an even bigger, longer-staying crowd.

The growth trajectory was maintained in 2014, with more logs submitted and more federal electoral districts activated—both tangible indicators of success. But something was different, and it wasn't until I started the

I tip my contest coordinator's hat to everyone who got on the air and/or helped others get on the air for BCQP 2014, 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



number-crunching process that my hunch was confirmed: The scope of participation had expanded.

Activity was definitely up, substantiated by significantly bigger logs for more log-submitting participants. However, based on data in submitted logs, the number of BC operators who got on the air was down from 2013, albeit slightly, and the number of stations mirrored this decrease. So the more extensive on-air presence is a reflection of more BC operators calling "CQ" and staying in the chair longer. This made the search for BC stations easier and more fun for operators outside BC, who are limited to search-and-pounce in BCQP, and also enabled BC operators who were CQing to stop for a bit, tune through the bands, pick up a few multipliers, and then return to CQing.

This solid on-air presence kept the bands buzzing and attracted wider attention near and far, generating more opportunities for Qs and mults and bigger scores and, ultimately, making time spent at the radio enjoyable and worthwhile.

Same Old Challenges

As always, there were challenges. Conditions were tough, certainly not as good as last year, which weren't as good as the year before. The high bands seemed to close early and the low bands were very noisy. NA Sprint is not going to happen at a different time, nor is BCQP, so it was essentially game over for CW operators trying to play in any of the QSO parties when NA Sprint took over the associated bands and frequencies. At that time of the evening—the last four hours of BCQP (0000z to 0400z)—most BCQP operators are on the low bands, and several people have suggested moving up to avert NA Sprint mayhem. It is something to consider.

Records Broken New Benchmarks Set

- More logs submitted—123 (year-on-year change: +26)
- More federal electoral districts activated—32 out of possible 36 (year-on-year change: +2).
- More than half of the BC stations submitting logs had more than 100 Qs—20 stations out of 37 (54.1%).
- More non-BC stations had in excess of 20 Qs—15 stations, up from four.
- First-ever logs from Chile, Slovakia and Alberta.
- Smashing new records for top BC score, top US score, top score Canada outside BC and top DX.
- New records in many categories of entry, in BC and outside BC.
- First time a station in Japan surpassed 10-Q mark—23 Qs.
- Most long-time BCQP participants in the US and in Canada outside BC achieved new personal bests.
- Higher overall Q counts in all modes, in BC and outside BC, except digital (BC).



Awards

The lure of lovely BC scenery-inspired certificates and plaques seems to have encouraged more operators to work harder for tangible recognition of their efforts. Thanks to the continued support of the five inaugural plaque sponsors, we went into BCQP 2014 planning mode with five categories. That expanded to seven by event day.

For 2015, we already have interest in plaque sponsorship for another category—**Top Score: Mixed-Mode**.

I've also heard from participants who would be willing to pay for their own plaques and associated mailing costs should they have a top score in a category without a sponsored plaque. Keep this in mind for 2015.

No longer an after-thought

BCQP is on contest calendars as well as personal calendars. Increasingly, participants approach BCQP with specific goals in mind—goals that are now quite achievable—such as targets of at least 50 Qs (out-of-province) or 100 Qs (in-province) or attracting and sustaining pileups or defending a previous top score and/or securing a certificate or plaque, and maybe even seeking to provide some friendly competition to the stations in certificate/plaque contention.

BCQP also provides an opportunity to highlight HF operation as part of radio courses and as practice runs at stations with new equipment ahead of the big contest season.

Plaque Winners

The top BC score in 2014, regardless of category, was by **Team VA7NF**—Stan and Christine—with a score of 628,530 points in the MOHP MIXED category. This smashes the previous multi-op record of 311,674 points, set by the VE7JR team in 2013.

John VE5KS, who improved considerably on his 2013 results, captured the plaque for top score by a Canadian station outside BC with 5,348 points. New record.

Dick N7RO returned to BCQP after a year off and soundly crushed his own top US record, set in 2012. Maximizing opportunities on three modes, Dick achieved a score of 9,180 points to reclaim top spot. Interestingly, this plaque category appears to have been the target of some friendly competition. John N6MU and Jeff WB8WKQ turned in great scores as well, also beating Dick's older record.

The YL plaque goes to **Margaret VE7TJF** with a score of 22,086. But the top YL score—268,272—set by Marcy VE7JT in 2013 remains unbroken.

Al VE7WJ held on to the plaque for most federal electoral districts worked for a second year. He collected 23 of the 32 activated districts.

A new plaque in 2014 is for top DX score, and **Dale CE2AWW** wrapped this one up with 6,464 points. Dale's score is a new record, as well, far surpassing previous results by stations outside North America.

The other new plaque is for top rookie score, and **Joseph VA7YJJ** captured this one with his score of 3,296 points.



In the end, whether amateur radio is used for emergency purposes, for ragchewing or for radiosport, it will not survive if we don't practice our skills and share our knowledge. It's been a long, often uphill slog, but BCQP is now much more than a local contest, gradually evolving as an opportunity for learning/teaching and for fueling interest in our hobby.

Accidental Participants

The BCQP profile continues to rise among non-BC stations, thanks in part to efforts by same-day event organizers to encourage Q-trading where possible. This facilitates casual Qs—that is, QSOs with operators who aren't really participating in BCQP but hear a caller while tuning through the bands, maybe looking for operators in a different same-day event, and are happy to give out a point.

If there are enough BC stations calling CQ—and in 2014, this was indeed the case—the casual contesters may make more Qs and become “accidental participants”.

This is exactly what happened to Laci OM2VL. He was focused on the Minnesota QSO Party but heard—and was heard by—enough BC stations to warrant the creation of a BCQP log. It is the first BCQP log ever received from Slovakia!

BCQP 2015

Mark your calendars. BCQP 2015 will run from 1600z February 7 to 0400z February 8.

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.

We are considering some changes re: scoring and expect to have more plaques to offer. Stay tuned. BCQP just keeps getting better!

I hope you will join Orca DXCC in BCQP 2015. A(nother) whale of a good time awaits!

February						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
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



Soapbox

VE7BQO: Thank you for organizing this very enjoyable contest.

JH2RMU: Thank you very much. I am very glad to QSO with many VE7s & VA7s. I hope to meet you again.

VE2AWR: Nice to participate again.

VE7TI/6: Not an impressive log this year... heard lots of Cdn stations, including VA7ODX, but couldn't quite reach them on my RV mobile rig here in Southern California.

VE7JR: It started out with Jeff and Bill participating in the BC QSO party each year. It has steadily grown, as more friends have joined in, and the Project has been able to handle more simultaneous stations on the air. Once again, we went into the contest to have some fun, play some radio, and enjoy the company of our friends. We had a number of visitors, several great meals, a soda or two, and we got on the air - Digital, CW and SSB. Can't wait until next year.

DF3AO: First time in BCQP. Had a lot of fun.

DL8UI: Thanks for working so many BC stations in BCQP. We had a lot of fun.

KI0I: Busy day. Four logs open at once and the bands were good. Made Qs on five bands with VA7NF! Thanks! Four bands with VA7ODX bonus station; didn't know they were extra points til after the contest was over! Thanks to everyone for the contacts. 73, Mark

VA3RKM: KX3, w, verticals. Thanks for the contacts.

VE5KS: Had a great time. Looking forward to next year.

VE7BGP: This year the BC QSO Party was a lot of fun. I bought a new FT-897D last April and that radio is great to use with N1MM Logger. I think this is my best effort in the BC QSO Party so far. 73, Gerry

VE7JKZ: Not a good start to the contest. 40m CW was hopeless because of what sounded like an OTHR (over the horizon radar) pulsing away, whilst 40 SSB (approx 7230) was a mass of BC AM sigs. Radio Australia was so strong on 7240 that I almost spent my time listening to that instead of BCQP! Then the FOC crowd was having a contest on 20 and 15. Eventually I got going, CW only. In the afternoon the sprint started and that made things even more challenging. Even so it was an enjoyable few hours before a social commitment from 1600 onwards meant I lost the opportunity for 40 and 80. Ah well, there's always next year.

WIEND: Nice to hear lots of stations this year.

WB7CYO: I tried, but just didn't hear a lot of BC stations this year. TNX 4 contest.

WB8WKQ: Absolutely a blast!

WIEND: It gets better every year.

VA7DER: Thanks for organizing a fun contest.

KE3B: Was lots of fun!



Thank you to the following 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 Worked)

Rebecca VA7BEC and Koji VA7KO (Top DX)



VA7BEC & VA7KO



©VA7BEC

Plaque photo: Siwash Rock, Stanley Park

Crunching the Numbers

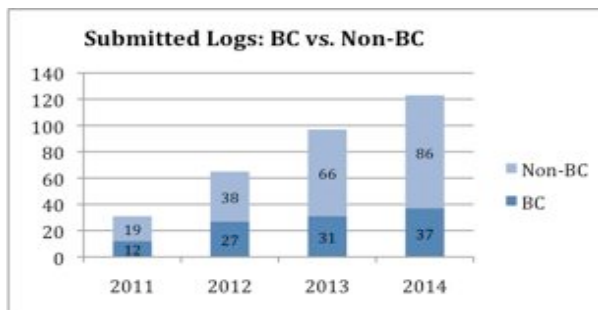
Indicators of success come from many sources. Pre-event emails, for example, could be a sign that the promotion bandwagon has kindled active interest, and post-event comments—positive as well as negative—often mean that some aspect of the event was important enough from a participant’s perspective to warrant special mention. But it is 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, of course, but the more logs received, the more accurate the analysis will be.

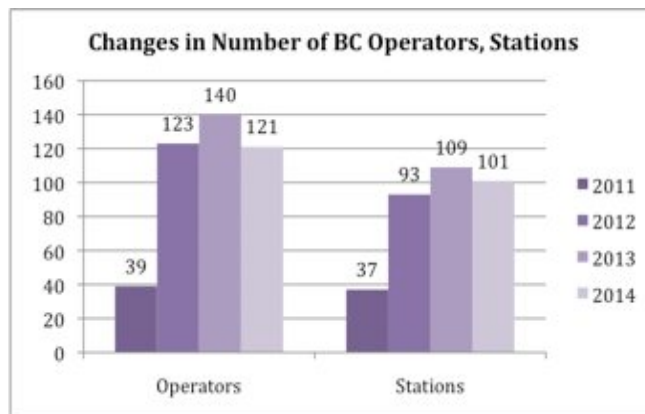
Log content can reveal trends that might otherwise be missed. In 2013, for instance, many CW operators lamented that it was hard to find anyone to contact and that NA Sprint derailed their plans after 0000z. Yet a close look at the content of submitted logs showed that CW participation in 2013 was actually up over 2012, and the trend continued in 2014.

Number of Logs

If the sponsor log and checklogs are included, the number of logs submitted jumped 26, or 26.8%, to 123. This aggregate number comprised 37 logs from BC, up six, and 86 logs from stations outside BC, up 20, from a year ago.



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 30%. This is down slightly—about two percentage points—from 2013. The poor log-submission rate is a bit puzzling given that the number of BC stations on the air has hovered around 100 for three straight years.



Despite a slight drop in the number of BC stations on the air in 2014, the depth of participation was much greater than in past years. It is clear from a dramatic increase in the number of Qs in the logs of non-BC stations



that more BC operators called CQ and spent more time doing so. This is a fantastic development.

The enhanced on-air presence made the search for BC stations a whole lot easier, and this translated into bigger logs, higher scores and a lot more fun for stations inside **and** outside the province.

For the first time, logs came in from Chile, Slovakia and Alberta. More logs came in from Japan and Germany, and the increase in the number of Qs in the JA and EU logs is notable.

Activated Districts

In 2014, the number of activated federal electoral districts—the multipliers in BCQP since the province does not have the typical QSO party county exchange—edged up two, to 32^{note 1}, from 30^{note 2} in 2013. Although the Lower Mainland is a treasure trove of multipliers due to the lucrative concentration of federal electoral districts in this region and the fact that the majority of BC stations participating in BCQP are located in and around this region, propagation, proximity and skip sometimes prevent operators in this region from hearing—or being heard by—other operators in this region and nearby. Wider geographical coverage, therefore, was undoubtedly welcome to stations inside as well as outside BC in the multiplier hunt.

The strategy that AI VE7WJ used in 2013 to successfully capture the plaque for most federal electoral districts worked served him well again in 2014. He collected 23 out of the activated 32 districts. But, unbeknownst to him, he didn't necessarily have a lock on the wall-hanging prize. John N6MU was oh-so-close, with 22 districts, followed by Pete VE7CV, with 21, and Dale CE2AWW as well as Stan and Christine, as team VA7NF, with 20. Excellent hunting!

Particularly Outstanding BC Results

The top BC single-op result in 2014, regardless of category, was by AI VE7WJ, with a score of 162,128 points. He was followed closely by Pete VE7CV, with a score of 161,726 points. Despite these solid showings, neither was enough to crack the record (268,272) set by Marcy VE7JT in 2013.

In the multi-op class, sponsor station VA7ODX beat its previous high—794,416—with a score of 867,970 points through a persistent presence on three modes. But the sponsor station is not eligible for a plaque or certificate. The info is just for reference. The top BC mult-op result in 2014 was by VA7NF, with a score of 628,530 points. This score breaks the record (311,674) set by VE7JR in

Because BCQP has become more well known, calling CQ will most certainly deliver rewards for BC stations—more Qs, more mults and bigger logs, of course, 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). Something to keep in mind for next year.



2013 and will be very hard to beat going forward.

In other categories, several long-time BCQP participants exceeded previous bests. Allen VE7BQO more than tripled his 2013 score, hitting 15,768 points in the single-op QRP MIXED category. Brian VA7BBG more than tripled his 2013 score, as well, reaching 5,915 points, in the single-op low-power SSB category. Also in the single-op low-power SSB category, Joseph VA7YJJ posted a score of 3,296 points, six times (!) higher than in 2013. Gabor VE7JH marked an increase of about 50%, with a score of 41,420 points, in the single-op low-power MIXED category. And Bud VA7ST registered a huge improvement in the single-op high-power CW category, racking up 13,800 points. It must be noted, however, that Bud was in the low-power category in 2013 when he posted 1,200 points.

Awesome Results by Stations Outside BC

Some incredible results came from out-of-province, too—results that might even have surprised the operators who achieved them.

As an aside, it is—or at least, has been—very difficult for stations outside BC to build big logs because the operators are

New personal bests exceed previous out-of-province benchmarks by a long shot.

Touch of (unbeknownst?) friendly competition leads to higher scores.

limited to search-and-pounce, and success hinges on a steady supply of VE7/VA7s. A reasonable goal for non-BC stations has been 10 Qs, and to exceed 20 Qs was considered quite an accomplishment. BCQP 2014 saw those benchmarks made quite irrelevant.

In 2014, a total of 24 out-of-province stations reached the 10-Q mark, and 15 of them surpassed the 20-Q mark. In comparison, 17 stations hit the 10-Q mark in 2013, with just four of them logging 20 or more Qs. The top Q-getter outside BC was Dick N7RO, with 60 Qs, followed closely by John N6MU, with 59 Qs, Jeff WB8WKQ, with 54, and not too far behind but a long way away—geographically speaking—was Dale CE2AWW,

with 52 Qs. Only a couple years ago, the best any station outside BC was able to do given scarce and sporadic participation by BC stations and the limitations of search-and-pounce was about a dozen Qs. Two factors fueling these impressive results by stations outside BC were the stick-to-it-iveness of BC stations calling CQ and the determination of out-of-province stations to successfully find these VE7/VA7s.

There are more amazing results that deserve special mention. Laci OM2VL logged 14 Qs with BC stations when he wasn't really even focused on BCQP. His priority was the MNQP but he heard and was able to work enough BC stations to make it worthwhile to keep a log of BC Qs—the first log ever received from Slovakia. Ben DL8UI and XYL Claudia DF3AO also joined the 10+ Q group. Given that conditions were challenging, particularly over-the-pole propagation to EU, the above results

**Increased interest from EU—Germany and Slovakia
New JA record!**



are really outstanding. Another DX result for the books was from Murayama-san JH2RMU, who achieved the best-ever result for a JA station with 23 Qs and a score of 1,470 points.

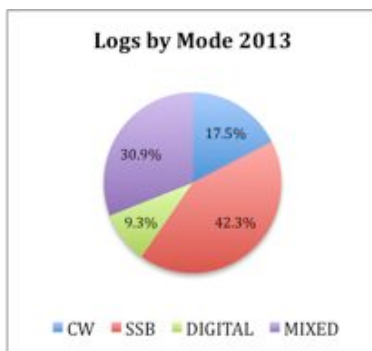
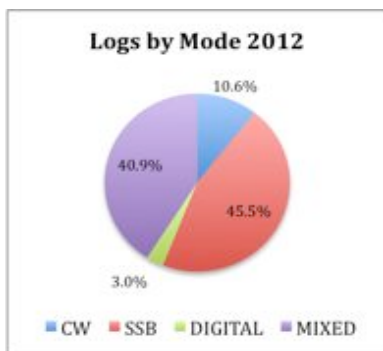
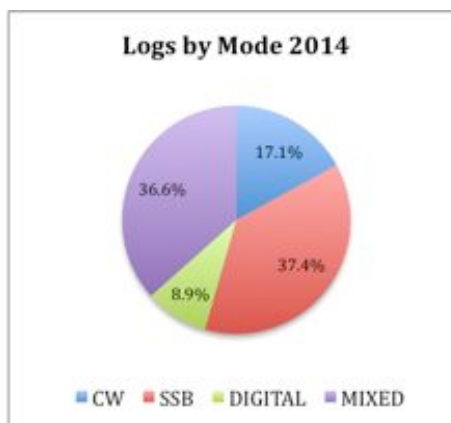
On the JA thread, a look at many BC logs reveals mini JA runs during BCQP 2014. Interest from Japan in BCQP was definitely there for any BC station listening westward.

Back in North America, the W1SJ team—a key station in the Vermont QSO Party—generated a BCQP log with 19 Qs, most likely through trades. Reciprocal support for same-day events is a win-win situation, and several same-day event organizers made special mention in their QP rules and/or on their respective websites about coinciding events. Wider awareness facilitates trades and makes the day a lot more fun for everyone.

Breakdown of Logs by Mode

As in past years, SSB and MIXED logs accounted for the bulk of entries in 2014, and SSB remained a key component in nearly every MIXED log. Combined, the number of logs in these two categories rebounded slightly from the previous year, moving from 73.2% of total logs received in 2013 to 74.0% in 2014.

Separately, SSB-only logs represented 37.4% of total logs received, down from 42.3% in 2013, while MIXED logs offset the drop with a share of 36.6%, up from 30.9% a year ago. DIGITAL-only logs cut an 8.9% slice of the pie, down just a bit from last year's 9.3%. The number of CW-only logs shrank slightly, to 17.1%, from 17.5%.



Previous Years' Breakdown of Logs by Mode

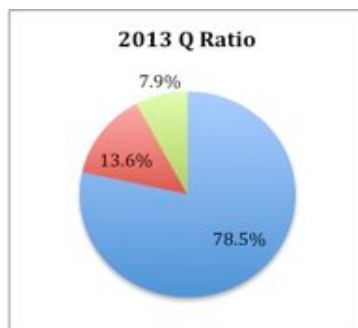
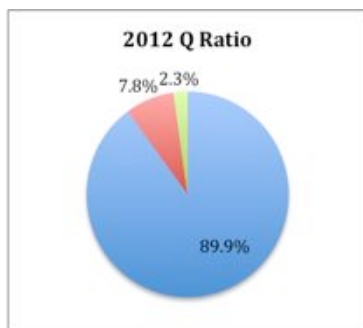
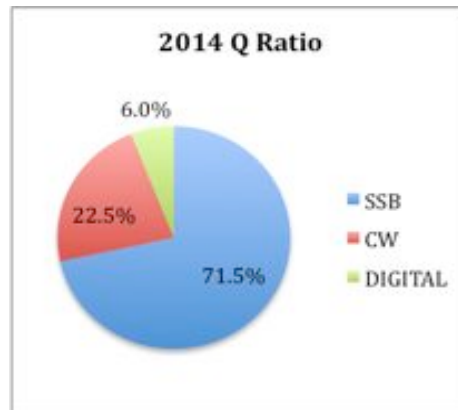
According to data in submitted logs, an interesting trend has emerged: CW actually accounts for a growing percentage of Qs—at the expense of SSB.



Q Composition

Looking at all Qs in all submitted logs in 2014, the CW count reached 1,649, up 113.3%, and the CW ratio expanded to 22.5%, from 13.6% in 2013, which was up from 7.8% in 2012.

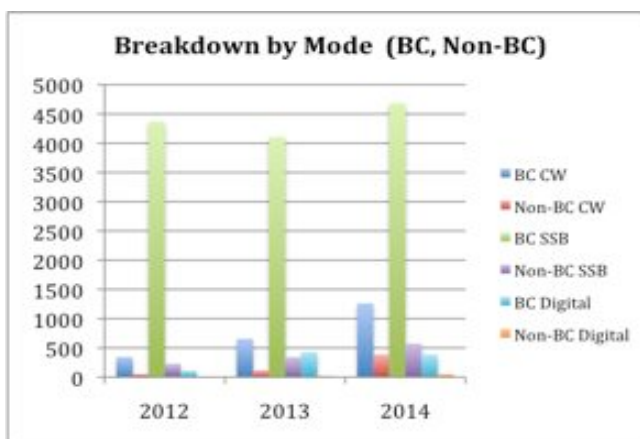
Meanwhile, SSB was still the most productive mode by far for stations in BC and outside the province, substantiated by a whopping 5,254 Qs, up 18.1% year-on-year. But the SSB ratio trended downward, dropping to 71.5%, from 78.5% in 2013, which was down from 89.9% in 2012. DIGITAL Qs came to 441, down 1.3%, and the DIGITAL ratio slipped to 6.0% after jumping to 7.9% in 2013 from just 2.3% in 2012.



Q Ratios in 2012 and 2013

BC vs. Non-BC Qs by Mode

As the pretty bar graph shows, CW and SSB content by BC stations and non-BC stations grew year-on-year. The preferred modes in BC were SSB, CW and DIGITAL, in that order. CW Qs nearly doubled year-on-year, while DIGITAL lost some ground. Outside BC, DIGITAL was not particularly popular, but the Q count more than doubled from 2013. The CW count more than doubled, and SSB Qs were about 60% higher than a year ago.

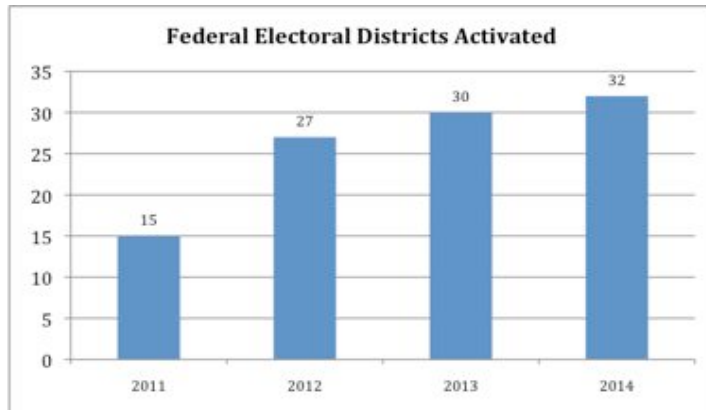




And the real numbers...

	2012	2013	2014
BC CW	344	654	1,262
Non-BC CW	55	119	387
BC SSB	4,370	4,105	4,679
Non-BC SSB	231	343	575
BC Digital	111	425	386
Non-BC Digital	6	22	55

- Notes:
1. Coverage in 2014:
 ABF BNW BSI BUD CFC CPG DRE EJJ FPK KEL KOC KTC LAN NAA NAC NND NVA
 NWC OKC PGP PMM PWP RMD SBV SGI SWC SYN VAK VAQ VIC VIN WVS (32)
 2. 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 (30)





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 certificate winners; italic indicates sponsored plaque winners

Results: BC

Call	Category	District	Total Qs	Mults	Base Score	Bonus	Total Score	Club
VE7GNR	SO QRP SSB	NWC	22	15	660		660	
VE7BQO	SO QRP MIXED	SBV	70	66	15,708	60	15,768	Orca DX and Contest Club
VA7DER	SO QRP MIXED	KOC	37	38	5,396		5,396	
VE7DS	SOLP CW	RMD	140	99	55,440	20	55,460	Orca DX and Contest Club
VE7JKZ	SOLP CW	RMD	129	85	43,860	20	43,880	
VE7YL*	SOLP CW	RMD	31	19	2,356	20	2,376	Orca DX and Contest Club
VE7XDT	SOLP CW	PWP	26	22	2,288		2,288	Orca DX and Contest Club
<i>VE7WJ</i>	SOLP SSB	NVA	474	171	162,108	20	162,128	Burnaby ARC
<i>VE7TJF*</i>	SOLP SSB	DRE	151	73	22,046	40	22,086	
VA7QLT*	SOLP SSB	DRE	135	72	19,440	40	19,480	
VE7QC	SOLP SSB	WVS	128	44	11,264	20	11,284	Orca DX and Contest Club, North Shore ARC
VA7BBG	SOLP SSB	SBV	61	48	5,856	60	5,916	Bulkley Valley ARS
VA7YJJ	SOLP SSB	NAC	44	37	3,256	40	3,296	
VE7CYU	SOLP SSB	NVA	38	31	2,356	40	2,396	Orca DX and Contest Club
VE7TP	SOLP SSB	DRE	10	12	240		240	Delta ARS
VE7RIJ	SOLP SSB	CFC	7	6	84		84	North Shore ARC
VA7GEM	SOLP DIGITAL	NVA	75	39	11,700		11,700	
VE7CV	SOLP MIXED	KTC	330	211	161,626	100	161,726	Orca DX and Contest Club
VE7BC	SOLP MIXED	NND	353	107	76,398		76,398	Orca DX and Contest Club
VE7JH	SOLP MIXED	NAC	160	92	41,400	20	41,420	
VE7BGP	SOLP MIXED	NAA	31	32	2,688		2,688	Nanaimo ARA
VE7KW	SOLP MIXED	BUD	4	7	84		84	Orca DX and Contest Club



VA7JW	SOHP SSB	PWP	239	52	24,856		24,856	Orca DX and Contest Club
VE7GV	SOHP SSB	DRE	103	48	9,888	40	9,928	
VA7DZ	SOHP CW	VIC	120	82	39,360	20	39,380	Orca DX and Contest Club
VA7ST	SOHP CW	KEL	75	46	13,800		13,800	Orca DX and Contest Club
VE7FO	SOHP DIGITAL	NND	16	12	768		768	Orca DX and Contest Club
VE7VR	SOHP MIXED	BNW	188	92	35,328	40	35,368	Orca DX and Contest Club
VA7OM	SOHP MIXED	PMM	207	71	31,808		31,808	
VE7AX	SOHP MIXED	NAA	127	68	20,808	20	20,828	Orca DX and Contest Club
VE7NSR	SOHP MIXED	NVA	10	15	450	40	490	
VE7SAR	MOLP SSB	NND	542	156	169,104	80	169,184	Surrey ARC
VA7ODX	MOLP MIXED	NWC	884	365	867,970		867,970	Orca DX and Contest Club
VA7NF	MOHP MIXED	SWC	861	287	628,530		628,530	
VE7JR	MOHP MIXED	LAN	396	174	181,656	60	181,716	Langley ARA, Surrey ARC, Orca DX and Contest Club
CHECKLOG	VE7SAR (RTTY)	NND						
CHECKLOG	VE7GM	SWC						
Multi-Op Stations	Operators							
VE7JR	VE7JR VE7XS VE7EEX VE7NEM VE7JTN VE7DPE VA7AQ VE7GRK VA7GMK VA7MP VE7ACN VE7TDI VE7NY							
VE7SAR	IZ7FMM/VE7 VE7AXU VE7NAE VE7XEN							
VA7NF	VA7MCP* VA7NF							
VA7ODX	VA7AM VA7BEC* VA7KO							



* indicates YL
 Callsigns in **bold** are certificate winners

Results: Outside BC

Call	Category	District	Total Qs	Mults	Base Score	Bonus	Total Score	Club
N8XX	SO QRP CW	MI	1	1	4		4	Mad River Radio Club
VE9BEL	SO QRP CW	NB	1	1	4		4	Club de radio amateur de Madawaska
WB3AAL	SO QRP SSB	PA	3	3	9		9	
VE3KJQ	SO QRP SSB	ON	1	1	1		1	Contest Club Ontario
W4UT	SO QRP MIXED	TN	35	30	2,820	80	2,900	Tennessee Contest Group
KS4X	SO QRP MIXED	TN	27	25	1,700	80	1,780	Tennessee Contest Group
JM2RUV	SO QRP MIXED	DX	9	9	252	60	312	
VA3PCJ	SO QRP MIXED	ON	6	6	120	40	160	
N2WN	SO QRP MIXED	TN	6	6	108	40	148	Tennessee Contest Group
VA3RKM	SO QRP MIXED	ON	7	7	140		140	Contest Club Ontario
W2SA	SOLP CW	NJ	36	9	1,296	40	1,336	
W1END	SOLP CW	NH	18	16	1,152	40	1,192	Yankee Clipper Contest Club
K9DAC	SOLP CW	OH	7	7	196	20	216	
W8IQ	SOLP CW	OH	7	6	168	20	188	
VE9AA	SOLP CW	NB	7	6	168		168	Maritime Contest Club
VA3FN	SOLP CW	ON	5	5	100		100	
N2SO	SOLP CW	NY	4	3	48	20	68	
K6KQV	SOLP CW	CA	3	3	36		36	Northern California Contest Club
NW5Q	SOLP SSB	TX	13	13	338	20	358	DFW Contest Group
KF0JA	SOLP SSB	GA	13	12	312	40	352	
VE2HKW	SOLP SSB	QC	13	12	312	40	352	



VE3XBL	SOLP SSB	ON	15	9	270	20	290	
N6ENO	SOLP SSB	CA	10	10	200	20	220	Northern California Contest Club
KB1VUN	SOLP SSB	NH	11	9	198	20	218	
KE3B	SOLP SSB	FL	10	9	180	20	200	
W0PAN	SOLP SSB	AZ	8	7	112	20	132	Arizona Outlaws Contest Club
W8KNO	SOLP SSB	OH	7	7	98	20	118	Portage County Amateur Radio Service
N9WL	SOLP SSB	NM	8	7	112		112	
KD7ZLF	SOLP SSB	OR	6	6	72	20	92	
W0NFS	SOLP SSB	MO	6	6	72	20	92	Mississippi Valley DX/Contest Club
AJ4LN	SOLP SSB	VA	4	4	32	20	52	Sterling Park ARC
K8BHK	SOLP SSB	MI	4	4	32	20	52	
KG6YPH	SOLP SSB	CA	4	4	32	20	52	Northern California Contest Club
AD7UP	SOLP SSB	OR	2	2	8	40	48	Willamette Valley DX Club
N7VS	SOLP SSB	OR	2	2	8	40	48	Willamette Valley DX Club
VE1TWM	SOLP SSB	NS	3	3	18	20	38	
AJ0CM	SOLP SSB	MN	2	2	8	20	28	
KV4MO	SOLP SSB	TN	3	3	18		18	
VE7TI/W6	SOLP SSB	CA	2	2	8		8	SARC, SEPAR, D-RATS
W8IDW	SOLP SSB	WV	2	2	8		8	
JA7BEW	SOLP SSB	DX	1	1	2		2	
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VE6QO	SOLP DIGITAL	AB	3	3	36	40	76	
JA9LX	SOLP DIGITAL	DX	2	2	16	20	36	
N6STA	SOLP DIGITAL	CA	1	1	4		4	PODXS 070
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N7RO	SOLP MIXED	WA	60	55	9,020	160	9,180	Orca DX and Contest Club
N6MU	SOLP MIXED	CA	59	52	8,632	100	8,732	Southern California Contest Club
VE5KS	SOLP MIXED	SK	46	41	5,248	100	5,348	Saskatchewan Contest Club
VE2ZT	SOLP MIXED	QC	30	26	2,808	60	2,868	ARC Sorel-Tracy
KI0I	SOLP MIXED	MO	28	27	2,106	80	2,186	



VE9ML	SOLP MIXED	NB	27	26	1,924	60	1,984	Maritime Contest Club
VE3VSM	SOLP MIXED	ON	28	24	1,680	60	1,740	
VE2AWR	SOLP MIXED	QC	14	14	672	40	712	
VE4YU	SOLP MIXED	MB	16	15	630	40	670	Radiosport Manitoba
AE7DW	SOLP MIXED	AZ	13	10	340	40	380	Arizona Outlaws Contest Club
K0HNC	SOLP MIXED	KS	9	8	256	20	276	
AB4GG	SOLP MIXED	TN	8	8	176	40	216	Tennessee Contest Group
KG7DYX	SOLP MIXED	AZ	9	7	126	20	146	
WB7CYO	SOLP MIXED	ID	7	7	112	20	132	
N4ARO	SOLP MIXED	TN	4	4	48		48	Tennessee Contest Group
N7LOB*	SOLP MIXED	WA	3	3	30		30	
KL2HD	SOHP SSB	AK	16	13	416		416	
K0CTU	SOHP SSB	NE	7	6	84	20	104	
VE5ZC	SOHP SSB	SK	5	5	50	20	70	
VY1XY	SOHP SSB	YT	10	9	180		180	
WA2VYA	SOHP SSB	FL	1	1	2		2	
W9AEM	SOHP CW	WI	24	22	2,112	60	2,172	
NS9I	SOHP CW	FL	6	6	144		144	
W4ZPR	SOHP CW	VA	4	4	64		64	
K4BAI	SOHP CW	GA	3	3	36		36	South East Contest Club
KA6BIM	SOHP DIGITAL	OR	9	9	324	40	364	Willamette Valley DX Club
JO7KMB	SOHP DIGITAL	DX	4	4	64	40	104	
WB8WKQ	SOHP MIXED	MI	54	47	7,332	120	7,452	
CE2AWW	SOHP MIXED	DX	52	43	6,364	100	6,464	BCDX Club
N7EPD	SOHP MIXED	WA	22	22	1,496	60	1,556	Pacific Northwest VHF Society
JH2RMU	SOHP MIXED	DX	23	21	1,470	20	1,490	



OM2VL	SOHP MIXED	DX	14	13	676	80	756	
DL8UI	SOHP MIXED	DX	14	11	506	60	566	
DF3AO	SOHP MIXED	DX	10	9	306	60	366	
DK2FC	SOHP MIXED	DX	7	7	168	60	228	DARC
AB1QP	SOHP MIXED	CT	6	6	108		108	
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W1SJ	MOHP SSB	VT	19	18	684	20	704	Radio Amateurs of Northern Vermont
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W4ANT	CHECKLOG	SC						South East Contest Club
K7LU	CHECKLOG	VA						Potomac Valley Radio Club
KD0FIP	CHECKLOG	KS						
N7TEW	CHECKLOG	AZ						Arizona Outlaws Contest Club
NE6I	CHECKLOG	CA						Southern California Contest Club
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Multi-Op Stations	Operators							
W1SJ	W1SJ KB1THX AA1SU KB1IVE							

Note: Special Certificates

1. Categories SOLP MIXED and SOLP SSB, outside BC, had enough logs submitted to warrant 2nd place certificates (N6MU, and KF0JA and VE2HKW (tie), respectively)
2. Noteworthy records: VY1XY (YT), VE2ZT (QC), JH2RMU (Japan), OM2VL (Slovakia), DL8UI (Germany)



Sponsor Information

Orca DX and Contest Club

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