

2005 RAC CANADA DAY CONTEST

Each year on July 1, the anniversary of Canada's Confederation, **Radio Amateurs of Canada (RAC)** sponsors the Canada Day Contest. Amateurs all over the world are invited to Canada's Birthday Party on the air.

Contest Period: 0000 UTC to 2359 UTC July 1, 2005.

Bands and Modes: 160, 80, 40, 20, 15, 10, 6 and 2 metres, CW and phone (SSB, FM, AM, etc.) Suggested frequencies: CW - 25 kHz up from the band edge and for SSB - 1850, 3775, 7075, 7225, 14175, 21250, 28500 kHz. Check for CW activity on the half-hour.

Exchange: Stations in Canada send RS(T) and province or territory. VEØs and stations outside Canada send RS(T) and a serial number.

QSOs: Contacts with stations in Canada or VEØs are worth 10 points. Contacts with stations outside Canada are worth 2 points. Contacts with RAC official stations are worth 20 points. RAC official stations are: VA2RAC, VA3RAC, VE1RAC, VE4RAC, VE5RAC, VE6RAC, VE7RAC, VE8RAC, VE9RAC, VO1RAC, VO2RAC, VY0RAC, VY1RAC and VY2RAC. You may work any station once on each of the two modes, on each of the eight contest bands.

It is prohibited to make CW contacts in the conventional phone sub-bands, phone contacts in the conventional CW sub-bands, or to make or solicit QSOs through a repeater during the contest period.

Multipliers: Thirteen in total, Canada's 10 provinces and three territories. Each multiplier may be counted once on each mode on each of the eight contest bands. The multipliers, with their postal abbreviations and prefixes are: Nova Scotia [NS] (VE1, VA1, CY9, CYØ); Quebec [QC] (VE2, VA2); Ontario [ON] (VE3, VA3); Manitoba [MB] (VE4, VA4); Saskatchewan [SK] (VE5, VA5); Alberta [AB] (VE6, VA6); British Columbia [BC] (VE7, VA7); Northwest Territories [NT] (VE8); New Brunswick [NB] (VE9); Newfoundland and Labrador [NL] (VO1, VO2); Nunavut [NU] (VY0); Yukon [YT] (VY1); and Prince Edward Island [PE] (VY2).

Final Score: The total QSO points from all bands multiplied by the total number of multipliers from all bands.

Categories: The following 7 categories are eligible for a certificate or award

- Single Operator All Bands High Power
- Single Operator All Bands Low Power (max. 100 W output)
- Single Operator QRP (max. 5 W output) All Bands & Single Band **
- Single Operator Single Band, no power classification ***
- Multi-Operator Single Transmitter High Power *
- Multi-Operator Single Transmitter Low Power *
- Multi-Operator Multi Transmitter, no power classification

Note: where the categories have a power class and the submitted log does not clearly identify the power class entered then the log will be treated as if the highest power class for that category was entered. There are no single-mode categories.

In the Multi-Single category only one transmitter and one band permitted during the same time period (defined as 10 minutes.) Exception: One, and only one other band may be used during any 10-minute period, if and only if the station worked is a new multiplier. In other words the Multi-Single Transmitter class allows a second station to "hunt" and work multipliers only on a separate band.

Multi-Multi category stations may operate on several bands simultaneously.

* Single operators who receive assistance from a DX spotting system or Packet Cluster network during the contest must classify themselves as Multi-ops.

** Although there is only one QRP category, which qualifies for a certificate or award, it is intended that the published results would show All Bands or the Single Band of operation. To facilitate this break out of the listings, your entry should indicate the power class you used.

*** Although there is only one Single Operator Single Band category that qualifies for a certificate or award, it is intended that the published results would show High Power or Low Power. To facilitate this break out of the listings, your entry should indicate the power class you used.

Awards:

Plaques will be awarded to the top-scoring entrants in each category. Thanks to the following for their sponsorship:

Single Operator All Bands High Power - **Radioworld**

Single Operator All Bands Low Power - **Durham Radio Sales and Service**

Single Operator QRP (all band or single band) - **QRP Canada**

Single Operator Single Band (no power classification) - **Elkel Products**

Multi-Operator Single Transmitter High Power - **Alfa Radio**

Multi-Operator Single Transmitter Low Power - **Tony Allsop VE3FTA Memorial by the Mississauga ARC**

Multi-Operator Multi Transmitter (no power classification) - **Radioworld**

Single Operator, no power classification, Foreign Entrant - **Larry Kayser, VA3LK Memorial by Alan Goodacre VE3HX** for the Canada Day contest and **Jorge Bozzo LU8DQ Memorial by Alan Goodacre VE3HX** for the Canada Winter contest.

Certificates will be awarded to the top-scoring entrant in each category in each province, territory; US call district, and DXCC country. *

* to facilitate the proper allocation of certificates all US stations should indicate their actual US call district if different than indicated by their call prefix. DX stations should indicate the actual country of operation if different than indicated by their call prefix.

Results: Will be published in *The Canadian Amateur* magazine published by the Radio Amateurs of Canada (RAC). The results will also be published on the RAC web site at www.rac.ca in the contest section.

Entries: All entries, electronic or paper logs, must be post marked or electronically submitted by July 31, 2005

Send paper entries to:

**Radio Amateurs of Canada
720 Belfast Road, Suite 217
Ottawa Ontario Canada
K1G 0Z5
Canada**

Paper mail entries must contain a summary sheet showing score calculation, a dupe sheet listing calls worked on each mode on each band, a multiplier check sheet and log sheets.

Logs sheets must show time, band, mode, call of station worked, exchanges sent and received and points claimed for each QSO. New multipliers must be clearly marked in the log.

Contest entry forms are also available on the RAC web site.

Send e-mail entries to canadaday@rac.ca

Any entry with over 200 contacts should be submitted in digital form, either submitted by e-mail or mailed in via 3.5 MS-DOS/Windows formatted diskette. The preferred format is RAC Cabrillo in

plain ASCII/TEXT format. For an interim period of time, while the commercial logging programs are updated, you may submit that logging programs log file for contest submission, but your file must be in ASCII/TEXT format. The RAC Cabrillo format is described and its detailed layout is shown on the RAC web at <http://www.rac.ca/downloads/raccabrillo1.pdf>. Please check to make sure your logging software is compliant with this format and layout.

Electronic logs should provide a summary sheet with the same information as shown for the paper log entries. The standard summary sheet provided by the typical logging program is generally acceptable, but you should confirm that it contains the same information as shown for paper log entries. A properly filled out Cabrillo header section will be sufficient for logs submitted in that format.

Ensure that you completely fill out the header information in the Cabrillo file. Name your file with your CALLSIGN and the file extension .LOG (e.g. yourcall.LOG). If you email your log, please send the file(s) as attachments. Do NOT paste the log file into the text of your message. This is often impossible to extract correctly.

Large files may be zipped if necessary. If you need help with preparing or emailing your log, please contact Bart Ritchie (VE5CPU) at ve5cpu@rac.ca

For the previous years contest results, visit the RAC Web site in the contesting sections. We will also be publishing a list of submitted logs and the categories enter on the RAC web site after the cut off date to assist in correcting any entry categorizations.