RAC Cabrillo Format (Version 3.4 April 2021)

(Updated as of January 2024) - Changes highlighted in RED text, see notes below.

START-OF-LOG:
CREATED-BY:
CALLSIGN:
LOCATION:
CONTEST:
CATEGORY-OPERATOR:
CATEGORY-BAND:
CATEGORY-MODE:
CATEGORY-POWER:
CATEGORY-TRANSMITTER:
CATEGORY-OVERLAY:
CLAIMED-SCORE:
CLUB:
NAME:
ADDRESS:
ADDRESS-CITY:
ADDRESS-STATE-PROVINCE:
ADDRESS-POSTALCODE:
ADDRESS-COUNTRY:
EMAIL:
OPERATORS:
SOAPBOX:

```
                              --------info sent------- -------info rcvd------
      freq mo   date     time call          rst exch   call          rst exch   T
000000000011111111112222222222333333333344444444445555555555566666666677777777788
123456789012345678901234567890123456789012345678901234567890123456789012345678901
QSO:  1825 CW 2003-07-01 1044 VE3KZ         599 ON     VE4EAR        599 MB     0
QSO:  3510 CW 2003-07-01 1044 VE3KZ         599 ON     K4BAI         599 103    0
QSO:  7155 PH 2003-07-01 1044 VE3KZ         599 ON     K5MM          599 005    0
QSO: 14205 PH 2003-07-01 1044 VE3KZ         599 ON     K4LTA         599 10     0
QSO: 21350 CW 2003-07-01 1044 VE3KZ         599 ON     K1EA          599 55     0
QSO: 28375 PH 2003-07-01 1050 VE3KZ          59 ON     VE5SF          59 SK     0
QSO: 50125 PH 2003-07-01 1055 VE3KZ          59 ON     VE3EJ          59 ON     0
QSO:146520 PH 2003-07-01 1055 VE3KZ          59 ON     VE3CZ          59 ON     0
```

END-OF-LOG:

The RAC contest supports the use of 2 meters and 6 meters. In order to have the full 6 digits on 2 meters, you can use the normally reserved space between the : and start of frequency for the added character or drop the leftmost digit (1) from the frequency (e.g. instead of QSO:146520 write out QSO: 46520).

The log format above illustrates the layout of the RAC Cabrillo standard. There are several "tags" in the header plus QSO: tags in the main part of the log completed by an END-OF-LOG: tag. The four italic lines shown between SOAPBOX: and the first QSO: tag are there merely to indicate where the various columns of log data occur and what each column represents. **They do not appear in an actual Cabrillo log.**

List of tags used in RAC Cabrillo.

Please note, all tags should be in upper case characters.

START-OF-LOG: *version-number*
Must be the first line of the log submission. This structure is based on Cabrillo 3.0 and the RAC Cabrillo *version-number* should be 3.0.

END-OF-LOG:
Must be the last line of the log submission

CALLSIGN: *callsign*
The call sign used during the contest.

CATEGORY-BAND:
ALL, 160M, 80M, 40M, 20M, 15M, 10M, 6M, 2M
Must be one of the categories listed above

CATEGORY-MODE:
SSB, CW, MIXED
Must be one of the modes listed above

CATEGORY-OPERATOR:
SINGLE-OP, MULTI-OP, CHECKLOG
Must be one of the options listed above

CATEGORY-POWER:
HIGH, LOW, QRP
Must be one of the power levels listed above

CATEGORY-TRANSMITTER:
ONE, MULTI
Must be one of the selections above

CATEGORY-ASSISTED:
ASSISTED, NON-ASSISTED
The category-assisted must be one of the following.

CATEGORY-OVERLAY:
ROOKIE
Only to be selected/used for those licensed within the last 36 months of the date of the contest who elect to enter the rookie subcategory. Prior rookie winners may not enter this category in any future event after they have won an award for this subcategory.

CLAIMED-SCORE: *n*
The claimed-score of the log submission, in integer form such as 12345.

CLUB: *text*
Name of the radio club with which the score should be aggregated (optional)

CONTEST: *contest-name*
The *contest-name* must be: CANADA-DAY or CANADA-WINTER

CREATED-BY: *text*
Name and version of the logging program used to create the Cabrillo file.

EMAIL: *text*
Entrant's email address,

LOCATION: *text*
Canadian Province or Territory (RAC Section), US State or Territory, DXCC entity (Country) [for those outside CA or US] where the contest was operated from.

NAME: text
ADDRESS: text
ADDRESS-CITY: text
ADDRESS-STATE-PROVINCE: text
ADDRESS-POSTALCODE: text
ADDRESS-COUNTRY: text

Name and address of participant. A maximum of four ADDRESS: lines is permitted in addition to or instead of the extended ADDRESS elements (i.e., ADDRESS-CITY:)

OPERATORS: *callsign1* [*callsign2 callsign3...*]
A space-delimited list of operators callsign(s). You may also list the callsign of the host station by placing an "@" character in front of the callsign within the operator list, such as
OPERATORS: @VE6RAC VE6JY VE6AO VE6DX

SOAPBOX: *text*
Soapbox comments, as many as needed. Each line should be a maximum of 75 characters

QSO: *qso-data*
QSO data as specified by the RAC Cabrillo QSO data format.

X-QSO: qso-data
Any QSO marked with this key will be ignored in your log but credit will be given to the other station who logged the exchange.

X-<anything text>: text
Lines beginning with X- are ignored by the log checking software. May be used by internal process of the log checking system or for internal log comments.

T in column 81 – transmitter number
For the MULTI-OPERATOR SINGLE TRANSMITTER categories, the last column in the log indicates which transmitter made the QSO. It must be a 0 for the run transmitter and a 1 for the multiplier transmitter. This column is not required for other categories but may be present if the logging software records this data.

List of Column Abbreviations:

- freq:
  For HF: integer frequency in kHz; if freq not known then 28000, 21000, 14000, 7000, 3500, 1800
  For VHF/UHF; numeric band representations as follows: 50 MHz=50000, 144 MHz=144000 or 44000
- mo:
  CW, PH, or FM
- date:
  UTC date in *yyyy-mm-dd* form
- time:
  UTC time in *nnnn* form
- call:
  callsign
- rst:
  RS(T)
- exch:
  contest exchange
- T
  Transmitter number that made the QSO

List of tags NOT used in RAC Cabrillo format.

Please note, all tags should be in upper case characters.
These additional tags can be present and will be ignored by our log checking software.

CATEGORY-STATION: text
CATEGORY-TIME: text
CERTIFICATE: text
GRID-LOCATOR: text grid square text
OFFTIME: text begin-time end-time
DEBUG: n