

# PACC 2018

## 1. Contest sponsor

The "Vereniging voor Experimenteel Radio Onderzoek in Nederland", VERON is pleased to announce the PACC 2018.

## 2. Contest Period

From 10 February 2018 1200 UTC till 11 February 2018 1200 UTC.

## 3. Categories:

### • Non-Dutch stations (DXCC entity non-PA)

- **SINGLE-OP ALL HIGH CW** Single Op, All Bands, CW
- **SINGLE-OP ALL LOW CW** Single Op, All Bands, CW
- **SINGLE-OP ALL HIGH SSB** Single Op, All Bands, SSB
- **SINGLE-OP ALL LOW SSB** Single Op, All Bands, SSB
- **SINGLE-OP ALL HIGH MIXED** Single Op, All Bands, MIXED
- **SINGLE-OP ALL LOW MIXED** Single Op, All Bands, MIXED
- **SINGLE-OP ALL QRP MIXED** Single Op, All Bands, MIXED
- **MULTI-UNLIMITED ALL HIGH MIXED** Multi Op, All Bands, Multiple transmitters, MIXED
- **SINGLE-OP <BAND> HIGH CW** Single Op, Single Band, CW  
(where <BAND> = one of 160M, 80M, 40M, 20M, 15M, 10M)
- **SINGLE-OP <BAND> HIGH SSB** Single Op, Single Band, SSB  
(where <BAND> = one of 160M, 80M, 40M, 20M, 15M, 10M)
- **SWL ALL MIXED** Single Op

### • Dutch stations (DXCC entity PA)

- A. **SINGLE-OP ALL HIGH CW** Single Op, All Bands, CW
- A1. **SINGLE-OP ALL LOW CW** Single Op, All Bands, CW
- B. **SINGLE-OP ALL HIGH SSB** Single Op, All Bands, SSB
- B1. **SINGLE-OP ALL LOW SSB** Single Op, All Bands, SSB
- C. **SINGLE-OP ALL HIGH MIXED** Single Op, All Bands, MIXED
- C1. **SINGLE-OP ALL LOW MIXED** Single Op, All Bands, MIXED
- D. **MULTI-ONE ALL HIGH MIXED** Multi Op, Single transmitter, MIXED
- D1. **MULTI-TWO ALL HIGH MIXED** Multi Op, Two transmitters, MIXED
- E. **MULTI-UNLIMITED ALL HIGH MIXED** Multi Op, All Bands, Multiple transmitters, MIXED
- F. **SINGLE-OP ALL QRP MIXED** Single Op, All Bands, MIXED
- G. **SWL ALL MIXED** Single Op
- N. **SINGLE-OP LIMITED LOW MIXED NOVICE TECH** Single Op, All Bands, MIXED  
Dutch novice licensees (7.050-7.100, 14.000-14.250, 28.000-29.700 MHz)

### High Power (All Band or Single Band):

Total output power must not exceed the legal maximum power of own country.

### Low Power (All Band or Single Band):

Total output power must not exceed 100 watts.

### QRP (Mixed Band):

Total output power must not exceed 5 watts.

### Dutch novice:

Total output power must not exceed 25 watts.

Note: see website with examples and table of valid Cabrillo categories!

<http://www.dutchpacc.com/>.

### 3.1 Contestbands and segments

The contestbands are 160M, 80M, 40M, 20M, 15M, 10M, but avoid interference with other contests running in the same weekend.

Please use frequencies according to the IARU Region 1 preferred (contest) segments:

CW: 1810 - 1840, 3500 - 3560, 7000 - 7040 and 14000 - 14060 kHz.

SSB: 1840 - 1880, 3600 - 3650, 3700 - 3800, 7060 - 7100, 7130 - 7200 and 14125 - 14300 kHz.

The band segments 3500 - 3510 kHz en 3775 - 3800 kHz should be used for intercontinental contacts only.

**3.2** Single Band entrants operating other bands during the contest are encouraged to submit their logs for more than one band to aid in the log crosschecking process.

**3.3** All entries are separated by World and The Netherlands. Club Competition (for Dutch (PA) single operators, including SWL participants, only).

#### **4. Division ranking**

**4.1** Between VERON divisions ("afdelingen"). Division number (not QSL region) needs to be mentioned in the Cabrillo log "Club" tag (division name can be added optionally). The sum of the single operator and SWL operator scores of one division will give the division score.

#### **5. General Rules**

**5.1** Transmitters and receivers must be located within a 500-meter diameter circle. All antennas used by an entrant must be physically connected to the transmitters or receivers by wires (feeders).

**5.1.1** All categories of entrants are allowed to use packet and WEB clusters.

**5.1.2** Self-spotting is not allowed during the contest. Soliciting contacts by telephone, telex, internet, packet mail during the contest is forbidden.

**5.1.3** Using other stations callsigns for the following - keeping the working frequency on the other bands, making schedules, DX-spotting - is prohibited.

**5.2** Single Operator participants may change bands and modes without restrictions. Only one signal can be transmitted at any given time.

**5.2.1** Single Operator: Those stations at which one (1) person performs all of operating, logging, and spotting functions.

**5.3** All categories that are allowed to work MIXED mode, can work the same station twice per band, once in SSB and once in CW.

**5.4** MOST stations (Dutch (PA) section D) are allowed to transmit only one signal on any band at any given time. A "multiplier" station is allowed as long as there is an interlock ensuring only one signal at any given time.

**5.4.1** Changing bands is allowed not more than once every 10 minutes. Violating this rule will place the station in the MO2T category (D1).

**5.5** MO2T stations (Dutch (PA) section D1) are allowed to transmit a maximum of two signals at any given time on different bands.

**5.5.1** Per transmitter it is allowed to change bands not more than once every 10 minutes. Violating this rule will place the station in the MOMT category (E).

**5.5.2** The log must indicate which transmitter made each QSO (according to the CABRILLO standard).

**5.6** MOMT station (Dutch (PA) section E): No limit on the number of operators or transmitters. At any time there is only one signal allowed per band.

#### **6. Exchange:**

**6.1** Non-Dutch (Non-PA) stations: signal report + QSO number, starting with 001.

**6.1.1** Non-Dutch (Non-PA) MOAB (Multi Op, All Bands) stations can use separate serial numbers for each band if using more than one transmitter at a time. If only one transmitter at a time is used, chronological serial numbers need to be used, but skipped numbers are allowed (e.g. as a result of blocking numbers for the multiplier station).

**6.2** Dutch (PA) stations: signal report + province code (two letters).

**There are 12 provinces: DR, FL, FR, GD, GR, LB, NB, NH, OV, UT, ZH and ZL**

#### **7. QSO Points.**

**7.1** Each valid contact with another participating contest station is worth one (1) point. For foreign stations: only contacts with Dutch (PA) stations count. For PA stations: cross contest contacts (e.g. if the PACC coincides with the RSGB 160m contest) are considered valid as long as a serial number is received. No cross mode or cross band contacts allowed.

**7.2** SWL stations count each individual heard PACC contest station (both Dutch (PA) and non-Dutch (Non-PA)) as 1 point provided both the calls and the exchange number of the heard station (i.e. RST + number or RST + Province) is logged of the QSO of concern. Each call counts only once per band, per mode and one particular contest station may not be logged as counter station more than 10 times per band.

**7.2.1** All SWL QSO's should be logged during the contest.

#### **8. Dupes**

**8.1** Dupes are contacts made with the same station on the same band. If the first contact between stations is valid, dupes have 0 points value. If the first contact is not valid, the second (dupe) contact is accepted.

**8.2** Dupe contacts are not penalized; one does not have to mark them in the Cabrillo log submission.

Moreover, entrants are strictly recommended to leave DUPES in the log file. DO NOT DELETE DUPES!

## 9. Multipliers

**9.1 Non-Dutch (Non-PA) stations (incl. SWLs):** a multiplier of one (1) for each different Dutch (PA) province contacted on **each band on each mode**.

**The Dutch (PA) province abbreviations are:**

<b>DR = Drenthe</b>	<b>NB = Noord-Brabant</b>
<b>FL = Flevoland</b>	<b>NH = Noord-Holland</b>
<b>FR = Friesland</b>	<b>OV = Overijssel</b>
<b>GD = Gelderland</b>	<b>UT = Utrecht</b>
<b>GR = Groningen</b>	<b>ZH = Zuid-Holland</b>
<b>LB = Limburg</b>	<b>ZL = Zeeland</b>

**9.2 Dutch (PA) stations (incl. SWLs):**

- A multiplier of one (1) for each different DXCC entity (ARRL list) on **each band, each mode** including PA, with the following exceptions:

- A multiplier of one (1) for each different call area of Asiatic Russia (UA8/9/0), Chile (CE), Japan (JA), Argentina (LU), Brazil (PY), Canada (VE), USA, Australia (VK), South Africa (ZS) en New-Zealand (ZL) on each band, each mode.

**Note 1:** this means that Asiatic Russia has 3 call areas/multipliers: UA8, UA9 and UA0. Canadian call areas are interpreted as geographical districts, which means VE1, VO1, VY1, VE2, VO2, VY2, VY0 are all separate multipliers, but e.g. VE2, CG2, XK2 are all the same multiplier (VE2).

**Note 2:** A reciprocal call sign in one of the countries which have call areas as multipliers, but without a call area designation, is counted as the zero call area, e.g. LU/G3XYZ gives multiplier LU0. Reciprocal calls in W, JA, VE and UA need to indicate their call area, otherwise the call should be regarded as invalid, e.g. W3/DL8ABC is valid, W/DL8ABC is invalid. (This means that, theoretically, PY0 is a separate multiplier besides PY0F, PY0S and PY0T)

**Note 3:** Call areas are taken as-is from the call sign, even if it is known that the station is located in a different area, UNLESS the station explicitly indicates it. E.g. K5ZD is multiplier W5, but K5ZD/1 would give multiplier W1.

**Note 4:** Special call signs will count for the call area to which it geographically belongs (e.g. UE150SBM = UA0).

## 10. Final Score

Non-Dutch (NON PA) stations: the final score is the result of the total QSO points multiplied by the sum of province multipliers.

Dutch (PA) stations: the final score is the result of the total QSO points multiplied by the sum of country + call area multipliers.

## 11. General Log Submission Requirements

We need electronic logs! The PACC Manager requires electronic log in Cabrillo format only for every possible entry.

**11.1** Submit your log in the CABRILLO format created by all major logging programs. The Cabrillo column definition for the PACC contest is exactly the same as for the ARRL and CQWW DX contests (see <http://www.kkn.net/~trey/cabrillo/>).

The PACC contest with Cabrillo output is currently supported by the following programs: N1MM logger, W3KM GenLog, WinTest, SD, TLF, Writelog, PA0FLE and PA3AYQ (but there are probably more ...).

SWLs can use SWL-DQR-log by SP7DQR ([http://swl.veron.nl/SWL\\_Consoft.html](http://swl.veron.nl/SWL_Consoft.html)).

**11.2** All times must be in UTC. The Cabrillo format specifies strict chronological order for the full log; this includes Multi Op stations.

**11.3** All sent and received exchanges are to be logged.

**11.4** Filename for the log should be <yourcall.log> or <yourcall.cbr>

**11.5** A plain-text file, space filled, column format or ADIF format is also acceptable. Preferred filenames <yourcall.txt> or <yourcall.adi> respectively. In this case a summary sheet with score calculation needs to be submitted too, showing number of QSOs and multipliers per band.

**11.6** In the header part of the electronic log submission you MUST specify a category of entrance and the full postal address for dispatch to the participant PACC results, trophies, awards and certificates. A written declaration is not necessary.

**11.7** Submit your electronic log by e-mail or uploaded to a special form on PACC web page.

**11.8** Hand-written logs are discouraged.

**11.9** Points and final score calculations are not necessary; calculations are done by our software.

**11.10** Dupes should not be marked or deleted.

**11.11** Multi Operator stations: the electronic log submittal (Cabrillo) should indicate which transmitter (number) made each QSO (provided more than one transmitter is used).

## 12. Log Submission Addresses and Terms

**12.1** Logs must be submitted to the contest sponsors before March 1, 2018.

**12.2** Electronic logs must be submitted via E-mail to: **pacc@dutchpacc.com** or uploaded via **www.dutchpacc.com**. Be sure to put the station call sign and the category in the "Subject:" line. Example: "K3ZO SOAB CW HP" or "PA9ABC A1" or copy category from Cabrillo file. You will get an acknowledgement via e-mail or a reason for rejection.

**12.3** Paperlogs, but strongly discouraged must be sent to:

PACC Contest Manager, c/o VERON Central Bureau,  
P.O. Box 1166,  
6801 BD Arnhem,  
The Netherlands.

Make sure "PACC Contest" is clearly indicated on the envelope!

### **13. Awards:**

**13.1** Dutch (PA) stations: The **VERON** donates prizes to the 1st, 2nd and 3rd place in each category listed under Section 3 only during the award ceremony at the HF day. All winners will be invited to obtain these prizes in an email addressed to the email address from which the log is submitted. In case someone is really not capable to (let someone) collect the prize, than please get in touch with the contest manager. All participants, including all operators of multi-op stations, who submit a valid log, will receive a token of merit.

**13.2** Non-Dutch (Non-PA) stations: all participants who submit a valid log with a **correct (postal) address** will receive a token of merit. First placed station in each category per country or per call area (UA8/9/0-CE-JA-LU-PY-VE-USA-VK-ZS-ZL) will receive a certificate, if they make 25 QSO's or more.

**13.3** Club competition (PA only): only clubs represented by 5 or more stations will be awarded.

### **14. Contest-Related Information**

**14.1** All "Dutch PACC Contest" and related information (Rules, claimed/ confirmed scores, FAQ, additional information) is posted at the official PACC website **<http://www.dutchpacc.com/>**.

**14.2** Every participant will receive a token of merit and if they qualify a certificate.

**14.3** Every participant, who sends his log submission via e-mail, will be sent an overview with his claimed/confirmed results separately by bands/modes and QSO list, containing his errors and errors of worked stations.

**14.4** Any PACC related question should be sent via e-mail to **contestmanager@dutchpacc.com**.

### **15. Analysis**

All PACC 2018 electronic logs are subject to computerized cross-check and analysis.

### **16. Penalties**

- One QSO is penalized with 1 QSO point for the following:
  - incorrectly logged calls (BAD). These are calls, occurring in the database, but not in the other station's log (if it exists) and which could clearly be related to a similar station in the database which log is at hand.
  - incorrectly logged exchange numbers as revealed by cross-checking (BAD).
  - One QSO is not present in the other station log A close similar call sign, giving evidence of a miss-copy by the other station, could not be found in the other station's log (NIL).
- QSO neither counted nor penalized for the following:
  - QSO time in entrant's log and other station's log difference is more than 5 minutes (except systematic computer errors).
  - QSO bands or modes in entrant's log and other station's log differ.
  - dupe QSO which is not in the other station's log.
  - other station obviously not a contest participant ('001' exchange in multiple logs, other exchanges not found).
  - other station listed in entrant's log exclusively, but calls with only one character difference are found in other logs and the received serial number is > '001' (UNIQUE+1).
- One QSO which is a UNIQUE (not in the database and cannot be related to a possible miss copy) will get normal credit. The Contest Manager will further check logs of stations with a far above average percentage of UNIQUES.

**16.1** PACC Contestmanager decisions are final. PACC Contestmanager invites all the radio amateurs from The Netherlands and foreign countries to take part in the 2018 PACC Contest.

#### **The PACC 2018 Contestteam**

<b>Marcel Bos</b>	<b>PA9M</b>
<b>Aurelio Bellussi</b>	<b>PC5A</b>
<b>Rein Couperus</b>	<b>PA0R</b>
<b>Hans Remeus</b>	<b>PA1HR</b>

## APPENDIX

### Cabrillo format for PACC contest

The PACC Cabrillo format is equivalent to the ARRL DX and CQ WW contest. Both Cabrillo v.2.0 and 3.0 will be accepted (example of Cabrillo v. 2.0):

```
START-OF-LOG: 2.0
ARRL-SECTION: DX
CALLSIGN: PF5X
CLUB: 35
CONTEST: PACC
CATEGORY: SINGLE-OP ALL LOW MIXED
CLAIMED-SCORE: 323
OPERATORS: PF5X
NAME: <name>
ADDRESS: <street>
ADDRESS: <city, ZIP code>
ADDRESS: <country>
SOAPBOX: <text>
SOAPBOX: <text>
SOAPBOX: <text>
SOAPBOX: <text>
CREATED-BY: <program name, version>
QSO: 7002 CW 2007-09-25 1838 PF5X 599 GD K3ZO 599 001
QSO: 7002 CW 2007-09-25 1839 PF5X 599 GD UA9ABC 599 003
QSO: 7002 CW 2007-09-25 1839 PF5X 599 GD UA8XYZ 599 005
QSO: 7002 CW 2007-09-25 1839 PF5X 599 GD UA7DEF 599 002
QSO: 7002 CW 2007-09-25 1839 PF5X 599 GD UA0AB 599 003
QSO: 7002 CW 2007-09-25 1840 PF5X 599 GD RA6AF 599 009
QSO: 7002 CW 2007-10-01 2100 PF5X 599 GD PA7F 599 UT
QSO: 7069 PH 2007-10-01 2102 PF5X 59 GD LU/PA3ABC 59 003
QSO: 14200 PH 2007-10-04 2048 PF5X 59 GD W/G3KMA 59 004
QSO: 14020 CW 2007-10-04 2049 PF5X 599 GD VY0X 599 001
QSO: 14020 CW 2007-10-04 2049 PF5X 599 GD CY0AA 599 003
QSO: 14020 CW 2007-10-04 2051 PF5X 599 GD VE9DX 599 003
QSO: 14020 CW 2007-10-04 2052 PF5X 599 GD CY9SS 599 007
QSO: 14020 CW 2007-10-04 2052 PF5X 599 GD VE1ZZ 599 005
QSO: 14020 CW 2007-10-04 2052 PF5X 599 GD VO1AB 599 010
QSO: 14020 CW 2007-10-04 2052 PF5X 599 GD VE2DX 599 002
QSO: 14020 CW 2007-10-04 2052 PF5X 599 GD VY2ZM 599 009
QSO: 14020 CW 2007-10-04 2053 PF5X 599 GD VO2AB 599 006
QSO: 7002 CW 2007-10-23 1940 PF5X 599 GD UA3RC 599 1005
END-OF-LOG:
```

```
00000000011111111112222222223333333333444444444555555555666666666777777777788
123456789012345678901234567890123456789012345678901234567890123456789012345678901
```

The categories for PA stations should be one of the following:

```
PACC CABRILLO CATEGORY TAG
Cat. Operator Band Power Mode Overlay
A SINGLE-OP ALL HIGH CW
A1 SINGLE-OP ALL LOW CW
B SINGLE-OP ALL HIGH SSB
B1 SINGLE-OP ALL LOW SSB
C SINGLE-OP ALL HIGH MIXED
C1 SINGLE-OP ALL LOW MIXED
D MULTI-ONE ALL HIGH MIXED
D1 MULTI-TWO ALL HIGH MIXED
E MULTI-UNLIMITED ALL HIGH MIXED
```

F SINGLE-OP ALL QRP MIXED  
G SWL ALL - MIXED  
N SINGLE-OP LIMITED LOW MIXED NOVICE-TECH1  
1

Not supported by all programs, if necessary put into file manually.

For DX operators the choices are as follows:

CABRILLO CATEGORY TAG  
Operator Band Power Mode Overlay  
SINGLE-OP ALL HIGH CW  
SINGLE-OP ALL LOW CW  
SINGLE-OP ALL HIGH SSB  
SINGLE-OP ALL LOW SSB  
SINGLE-OP ALL HIGH MIXED  
SINGLE-OP ALL LOW MIXED  
MULTI-UNLIMITED ALL HIGH MIXED  
SINGLE-OP ALL QRP MIXED  
SWL ALL - MIXED  
SINGLE-OP 10M, .. , 160M HIGH CW  
SINGLE-OP 10M, .. , 160M HIGH