PACC rules 2021

1. Contest sponsor
The "Vereniging voor Experimenteel Radio Onderzoek in Nederland", VERON is pleased to announce the PACC 2021.

2. Contest Period
From 13 February 2021 1200 UTC till 14 February 2021 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 (7050-7100, 14000-14250, 28000-29700 KHz)	

High Power (All Band or Single Band):
Total output power must not exceed the legal maximum power of your own country.

Low Power (All Band or Single Band):
Total output power must not exceed 100 Watt.

QRP (Mixed Band):
Total output power must not exceed 5 Watt.

Dutch novice:
Total output power must not exceed 25 Watt.

3.1 Contestbands and segments
The 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 (feedlines).

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. In MIXED mode (CW/SSB) counts a valid qso once per mode per band. For PA stations: cross contest contacts (e.g. if the PACC coincides with the RSGB 160m contest) are considered valid as a long as a serial number is received. No cross mode or cross band contacts are 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. SWL's): a multiplier of one (1) for each different Dutch (PA) province contacted on **each band on each mode**.

The Dutch (PA) province abbreviations are:

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

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).

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 mailing the participant PACC results and the token of merit. A written declaration is not necessary.

11.7 Submit your electronic log by e-mail or upload it to a special form on the 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, 2021.

12.2 Electronic logs must be submitted via E-mail to: **pacc@veron.nl** or uploaded via **www.pacc@veron.nl** . 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.

12.4 A participant in the contest herewith agrees with publication by VERON of the results, including pictures or film in the monthly VERON-magazine Electron, as well as on the VERON-website and in other by VERON used and/or chosen media.

13. Certificates and prices

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. I 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. Electronic certificates will be made available for download for every one that submits an entry.

13.3 Club competition (PA only): Prices donated by the **VERON** to the 1st,2nd and 3rd place.

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.pacc@veron.nl**

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 receive 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 **pacc.manager@veron.nl**

15. Analysis

All PACC 2021 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.
- The other station is obviously not a contest participant ('001' exchange in multiple logs, other exchanges not found).
- The 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 2021 PACC Contest.

The PACC 2021 contestteam
Marcel Bos   PA9M
Aurelio Bellussi   PC5A
Rein Couperus   PA0R
Hans Remeeus   PA0Q