



PACCdigi Contest 2021

1. Contest sponsor

The "Vereniging voor Experimenteel Radio Onderzoek in Nederland", VERON is pleased to announce the PACCdigi contest 2021.

2. Contest Period

17 April, 2021 1200 UTC until 23:59 UTC.

3. Categories:

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

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|-----------------------------|---|
| • SINGLE-OP ALL HIGH | Single Op, All Bands |
| • SINGLE-OP ALL LOW | Single Op, All Bands |
| • MULTI-OP ALL HIGH | Multi Op, All Bands, Single transmitter |
| • SWL ALL | Single Op, All bands |

• Dutch stations (PA DXCC entity)

- | | |
|--|---|
| • SINGLE-OP ALL HIGH | Single Op, All Bands |
| • SINGLE-OP ALL LOW | Single Op, All Bands |
| • MULTI-OP ALL HIGH | Multi-Op, All Bands, Single transmitter |
| • SWL ALL | Single Op, All Bands |
| • SINGLE-OP LIMITED LOW MIXED NOVICE TECH | Single Op, All Bands |
- 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.

Dutch novice:

Total output power must not exceed 25 Watt.

Note: See website with examples and table of valid [Cabrillo categories!](#)

3.1 Contest bands and segments

The following bands will be used for this contest: 160M, 80M, 40M, 20M, 15M, 10M. Avoid interference with other modes or contests running in the same weekend.

The contest frequencies for FT8 will not be the usual for this protocol but somewhat higher in frequency. The transceiver dial frequencies that will be used are: 1,842 - 3,577 -7,077 – 14,077 – 21,077 and 28,077 MHz

For RTTY the following frequencies are recommended:

160 m	1,844 – 1,860 MHz
80 m	3,585 – 3,600 MHz
40 m	7,042 – 7,100 MHz
20 m	14,085 – 14,120 MHz
15 m	21,085 – 21,120 MHz
10 m	28,085 – 28,150 MHz

Attention: 14,099 – 14,101 MHz International Beacon Project – Beacons exclusively

3.2 Entries are separated in "World" and "The Netherlands"



4. Division ranking

4.1 Dutch VERON members can put the number and optionally the name of their division (not the QSL region) in the Cabrillo log "Club tag" like: CLUB: 35 or CLUB: 01 Alkmaar

The sum of the single operator and SWL operator scores of a division will give the divisional 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 (cables or feedlines).

5.1.1 All categories of entrants can 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 to keep the working frequency free on the other bands, making schedules or 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 Each station can be worked once in RTTY and once in FT8 on each band.

5.3.1 The use of software functions that allow two or more QSOs on the same moment are forbidden (Multi Answer, FOX-Hound, etc.)

5.3.2 The use of a QSO robot is strictly prohibited. The operator must handle items during the QSO like choosing the opponent stations.

5.4 MOST stations can transmit only one signal on any band at any given time. A "multiplier" station is allowed if 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 make that the qso's made in the non- regular time will be discarded.

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

6. Exchange:

6.1 All stations: signal report + First four (4) positions of its Maidenhead QTH locator

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 PACCDigi contest coincides with the Holyland DX Contest are considered valid as long as a serial number is received). No cross mode or cross band contacts are allowed.

7.2 SWL stations count each individual heard PACCDigi contest station (both Dutch (PA) and non-Dutch (Non-PA)) as 1 point provided both the calls and the exchanges of the heard stations (i.e. Report + QTH locator) is logged for the QSO. Each call/mode combination counts only once per band and a contest station may not be logged more than 10 times per band.

7.2.1 All SWL QSO's should be logged during the contest. Use of decoded files (like all.txt) after the contest is not allowed.

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 All stations (incl. SWL's) obtain a multiplier of one (1) for each different Dutch Maidenhead QTH locator worked per band for each mode, but only if the locator is given by a Dutch station.

The maximum number of multipliers on each band is 18: 9 in the mode RTTY and 9 in mode FT8.

Valid locators for multipliers are: JO11, JO20, JO21, JO22, JO23, JO30, JO31, JO32 and JO33.

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

• A multiplier of one (1) for each different DXCC entity (ARRL list) on **each band** 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) and New-Zealand (ZL) on each band.

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 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 the QTH multipliers.

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

11. General Log Submission Requirements

11.1 Submit your log in the CABRILLO format. The Cabrillo column definitions for the PACCDigi contest match exactly those for the ARRL and CQWW DX contests.

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 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 PACCDigi results and the token of merit. A written declaration is not necessary.

11.6 Submit your electronic log by uploading it on the PACCDigi web page, in case of trouble, sending it by e-mail is acceptable.

11.7 Hand-written logs are not accepted.

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

11.9 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 April 23, 2021 23:59 UTC.

12.2 Electronic logs must be uploaded via the PACCDigi [website](#) or submitted via E-mail to: paccdigi@veron.nl.

Be sure to put the station call sign and the category in the "Subject:" line. Example: "K3ZO SOAB DG HP" or copy the category from the Cabrillo file. You will get an acknowledgement via e-mail or a reason for rejection.

12.3 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. 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 not capable to (let someone) collect the prize, then 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 Rankings (PA only): Prizes donated by the **VERON** to the 1st, 2nd and 3rd place.

14. Contest-Related Information

14.1 All "Dutch PACCDigi Contest" and related information (Rules, claimed/confirmed scores, FAQ, additional information) is posted at the official PACCDigi contest [website](#).

14.2 Every participant, who sends his log via email, will receive an overview with his claimed/confirmed results separately by bands/modes and QSO list, containing his errors and errors of worked stations. (UBN)





14.3 Any PACCdigi related question should be sent via e-mail to paccdigi.manager@veron.nl

15. Analysis

All PACCdigi 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.
 - Not logging the exchange of the opposite qso partner.
 - One QSO is not present in the other station log. A close similar call sign, giving evidence of a miscopy 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 band or mode 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 miscopy) will get normal credit. The Contest Manager will further check logs of stations with a far above average percentage of UNIQUES.

16.1 PACCdigi Contest manager decisions are final. PACCdigi Contest manager invites all the radio amateurs from The Netherlands and foreign countries to take part in the 2021 PACCdigi Contest.

The PACCdigi 2021 contestteam

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