

Rules

2025 North Carolina QSO Party Contest Rules

Updated 12/07/24

Object

For amateur radio operators outside the state of North Carolina: make contact with North Carolina stations. For amateur radio operators within North Carolina: Activate as many NC counties as possible and make contact with everyone.

Contest Period

1500 UTC February 23 to 0100 UTC February 24, 2025. (10 am to 8 pm EST on February 23, 2025). All stations may operate the entire contest period.

Categories

Single-Operator (Single-Op)

One person performs all operating and logging functions operating from only one fixed location used for permanent amateur radio operation. This category allows QRP, Low Power, or High Power.

Multi-Operator (Multi-Op)

More than one person performs transmitting, receiving and logging functions, all using the same call sign. All apparatus are to be located in the same location (within a 1000' diameter circle). A maximum of two simultaneous transmitted signals may be on the air at a given time. If two transmitters are used, they may be on the same or different bands. The operation is required to be in, and stay in, one fixed location for the duration of the contest. This category allows Phone only or Mixed mode operation using High or Low power. Submit one combined electronic Cabrillo log file. Each participant's call sign should be listed in the Cabrillo header on the "OPERATORS:" line. Individual participants may not use their own call sign to work their own multi operation for QSO credit at any time during the event.

Mobile

One or more persons perform operating and logging functions from a self-contained vehicle capable of operating while in motion. Motion is optional. All apparatus used must be capable of operating while in motion and wholly contained in, on or attached to the vehicle. Attention to driving and safety is top priority. Use of a separate driver (whether an amateur radio operator or not) is allowed and encouraged. Mobile stations that choose to move to a new county may work everyone again for QSO credit. If returning to a previously activated county, only new stations, respective of band and mode, not previously worked from there, may be counted as QSO credit. Mobiles may give out two counties in one QSO if part of the vehicle is physically and safely located in both counties simultaneously. See County Line Contacts paragraph below. This category allows only Mixed mode Low Power award class.

Portable

One or more persons operating from a temporary, stationary location using portable antennas and radios. No permanent antenna structures may be used. Use of trees, buildings, etc., to raise antennas is allowed as long as it is safe to do so and not originally intended for that purpose. Mobile radios, equipment, and antennas installed in, on or attached to a vehicle are permitted. All operating must take place while stationary. No QSOs may be made for credit when in motion at any time. All apparatus are to be located in the same location (within a 1000' diameter circle) during operation.

Stations that choose to move to a new county may work everyone again for QSO credit. When moving, all radio, antenna, and related accessories must be moved also, and this same equipment used/moved for the duration of this event. If returning to a previously activated county, only new stations, respective of band and mode, not previously worked from there, may be counted as QSO credit.

Portable category stations may give out two counties in one QSO if part of the radio, feed line, or antenna is physically and safely located in both counties simultaneously and all equipment is still within the 1000' diameter circle. See County Line Contacts below. This category allows only Mixed mode Low Power award class.

Expedition

One or more person operating from a temporary, stationary location using portable antennas and radios. No permanent antenna structures may be used. Trees, buildings, etc., to raise antennas is allowed as long as it is safe to do so and not originally intended for that purpose. Mobile radios, equipment, antennas and all related accessories installed in, on, near, or attached to a motorized vehicle are not permitted to be used in this class. Such vehicle may not be used as part of the setup in any way. All apparatus are to be located in the same location (within a 1000' diameter circle) during operation.

Stations that choose to move to a new county may work everyone again for QSO credit. When moving, all radio, antenna, and related accessories must be moved also and this same equipment used/moved for the duration of this event. If returning to a previously activated county, only new stations, respective of band and mode, not previously worked from there, may be counted as QSO credit.

Expedition category stations may give out two counties in one QSO if part of the radio, feed line, or antenna is physically and safely located in both counties simultaneously and all equipment is still within the 1000' diameter circle. See County Line Contacts below. This category allows only Mixed mode Low Power award class.

Operating Details

Exchange

North Carolina (NC) stations work everyone, send call sign and NC county. Use county abbreviations as needed. Stations outside of North Carolina (Non-NC) work NC stations only. Send call sign and state/province, or "DX". Use abbreviations as needed. Sending signal report (i.e., 59) is optional.

Bands

Operate on 80/75, 40, 20, 15, 10, 6, and 2 meters. No 160, WARC, or above 2 meters. Suggested operating frequencies (MHz) CW: 3.540, 7.040, 14.040, 21.040, 28.040, 50.040, 144.040. Phone: 3.860, 7.260, 14.260, 21.360, 28.360, 50.160 (SSB), 52.040 (FM), 144.260 (SSB), 146.520 (FM). Digital: (Use standard digital frequencies per band plan) Check the North Carolina Facebook

Group for latest info on the most active areas. No cross-band QSOs are allowed. No repeater, satellite, or other relaying device may be used to complete a QSO for award credit.

Power

Highest power used determines the award class entered.

QRP - 5 watts or less for CW/Digital, 10W-PEP for Phone.

Low - 150 watts or less.

High - Legal limit power.

Modes

Phone - Includes SSB, AM, and FM voice

CW - All CW QSO's for award credit must take place in the CW sub portion of the band.

Digital – Except for FT-8/4 as noted below all digital modes are allowed and considered one mode.

(Note for NC stations: QSO's made using FT-4/8 should not be included in this score.)

Mixed Mode – Use of one or more modes as described above. No cross mode QSOs are allowed.

(Digital mode QSOs, except for FT-8/4, are part of a Mixed category operation.)

FT-8/4: NCQP 2025 Weak Signal Showcase

A special activity will be tried using FT-8/4 mode this year. All stations may participate, but only NC stations are permitted to submit their special ADI log file for an award (if applicable) for this event.

Stations make regular FT-8/4 QSOs as is customary in usual operation during the time frame and date of the regular NCQP contest. For NC stations only: submit FT-8/4 log in ADI format separately using the special form provided on the NCQP website set up specially for this purpose.

DO NOT INCLUDE FT-8/4 QSOS in the regular Cabrillo log. Making QSOs in this activity does not change the category status of a station participating in the regular contest. (i.e., A single-op/CW/Low Power station DOES NOT go into the Mixed mode if they participate in this special activity)

The intent is to showcase NCQP to FT8/FT4 operators while allowing for normal operations of these modes. Below are the details of the 2025 Weak Signal Showcase:

- The Weak Signal Showcase is a separate event from the main NC QSO Party.
- This competition is open only to in-state (NC) participants.
- QSOs may be made between an NC station and any other station.
- Stations may be worked again on a different band. There is no provision for stations moving between grid squares during the contest. Should a station move to a new grid square, the “work once per band” restriction does not reset.
- Low power (100W or less) must be used for this competition.
- Only weak-signal (FT8/FT4) digital QSOs are included in this competition.
- Stations may submit a log for the Weak Signal Showcase as well as the main NCQP contest, but weak-signal QSOs may only appear in the Weak Signal Showcase log.
- Only one weak-signal transmission is allowed at a time.
- Stations will exchange the standard weak-signal reports of grid squares and optional SNR. Call signs and grid squares for both stations in a QSO must be logged.
- Scores will be computed based on five points per QSO, multiplied by the number of grid squares (eg FM05) worked.
- Directions for log submission will be posted to ncqsoparty.org/logs. The log deadline is concurrent with the main NC QSO Party.
- A plaque will be awarded for first-place finisher.

County Line Contacts

A Mobile (while stationary,) Portable, or Expedition may operate on a county line and contacts can be used as credit for two counties. A maximum of two counties may be worked simultaneously under this provision. Some part of the vehicle, radio apparatus, or antenna must rest within and be located in each of the two counties on the county line. The methods to determine the county line are dictated by MARAC County Hunter rules outlining the definition of a county border.

(<http://www.marac.org/awards/Award-rules.pdf> page 6) Note that this reference to MARAC is officially part of these rules. The entrant is responsible to document any county line determination, but this is not submitted with the log entry. County line information is subject to audit and the committee will request this from the participant should the need arise.

Scoring

QSO Points

Phone - 2 points each

CW - 3 points each

Digital - 5 points each

It is permissible to work the same station on each mode (Phone, CW, Digital) on each band for credit. A valid QSO logged for award credit consists of date, time, mode, call sign, and location as described in Exchange above. For in state NC Mobile, Portable, or Expedition participants: It is permissible to include two counties in a QSO where applicable. For all participants: A two county QSO must be logged as separate QSOs with two lines in the log, one for each of the two counties.

Multipliers

NC participants: Work 100 North Carolina Counties, 49 US States (not NC) plus DC, 13 Canadian Provinces/Territories (AB, BC, MB, NB, NL, NS, NT, NU, ON, PE, QC, SK, and YT), plus one DX. 164 total possible. Note: NC stations may include the county from which operation takes place in the Multiplier count regardless of whether any QSOs are logged from that same county. This includes Mobile, Portable, and Expedition stations where operations may take place in more than one county. In that case this provision is applied to each county activated where at least one QSO was completed.

Any location not listed above is considered DX. This includes US Territories, Mexican provinces, and DXCC countries. No restriction on NC stations to work DX for QSO credit, but only one "DX" multiplier is applied in the calculation of the final score representing all DX worked.

Non-NC participants: Work 100 North Carolina Counties.

Count each multiplier worked only once across all modes, bands, and operating location.

Bonus Points

The bonus stations this year will all be recognized NC Clubs. Include an additional 50 points each during NCQP for working these club stations. The stations will be announced before the event. No extra points for a clean sweep this year. See <http://www.ncqsoparty.org> on the NC QSO Party home page for latest details on the identity of the bonus stations.

Note to Mobiles and Portables only: 100 bonus points will be awarded additionally for each county

activated where at least one QSO was completed.

Final Score

Multiply the total QSO points times the total multiplier value. Add bonus points to score (as applicable) after the multiplication.

Awards

Plaques for first place, and certificates for second place will be awarded in the following categories:

Single-Op / NC / Phone (Low Power)
Single-Op / NC / Phone (High Power)
Single-Op / NC / CW (Low Power)
Single-Op / NC / CW (High Power)
Single-Op / NC / Mixed Mode (Low Power)
Single-Op / NC / Mixed Mode (High Power)
Single-Op / NC / Mixed Mode (QRP)
Multi-Op / NC / Mixed Mode (Low Power)
Multi-Op / NC / Mixed Mode (High Power)
Mobile / NC
Portable / NC
Expedition / NC
Single-Op / Non-NC / Phone (Low Power)
Single-Op / Non-NC / Phone (High Power)
Single-Op / Non-NC / CW (Low Power)
Single-Op / Non-NC / CW (High Power)
Single-Op / Non-NC / Mixed Mode (Low Power)
Single-Op / Non-NC / Mixed Mode (High Power)
Single-Op / Non-NC / Mixed Mode (QRP)
Top DX Score

Submitting Logs

Cabrillo format is required for all electronic logs submitted via the website. Carefully check and verify the category items that are in your log's header with the valid selections to ensure proper scoring.

CATEGORY-OPERATOR: Single-Op, Multi-Op, Mobile, Portable, Expedition, or Checklog

CATEGORY-MODE: CW, SSB, or MIXED

CATEGORY-POWER: HIGH, LOW, or QRP

ARRL-SECTION: <Your ARRL Section>

ADDRESS: <Address where your awards should be mailed: (Use as many lines as needed

ADDRESS: for address)>

EMAIL: Valid email address for submitter

OPERATORS: <At least two participating operator call signs required for Multi-Op category,

OPERATORS: one for Single op category, and one or more for Mobile, Portable, and

OPERATORS: Expedition.>

General

All logs must be received by March 9, 2025. Electronic submission via the website is required. (Paper logs are no longer accepted). Web Page: Go to <http://www.ncqsoparty.org> "Logs" tab to submit your log.

Miscellaneous Rules

For entrants in the Single-Op, Mobile, Portable, and Expedition categories competing for awards only one transmitted signal is permitted to be on the air at a time. Multi-Op entries may have a maximum of two transmitted signals on the air simultaneously. There are no band or mode change limits.

In order to receive any award, regardless of category, entrants must have completed at least 25 QSOs. These QSOs must be logged within the same log that qualifies for the award. This applies to all plaques, certificates, prizes, drawings, and sweeps.

Use of spotting networks, nets, Packet Cluster, Skimmer, RBN, or other assistance is allowed in all categories.

Use of remote radio equipment and antennas (via remote link) is permitted in the Single-Op category only. Both receiving and transmitting equipment are required to be at the same location. Entry category QTH is based on the location of the transmitter, receiver, and antennas. Note: In all cases, whether operating remotely or in a conventional manner, all receiving and transmitting equipment must be located in one place together.

Final results will be posted on the NCQP web site, <http://www.ncqsoparty.org> First place awards will be mailed to the recipients at the address provided in the Cabrillo log header. Second place certificates will be e-mailed to the recipient. Other non-category certificates awarded will be sent by e-mail also.

Members of the North Carolina QSO Party Committee may participate but are not eligible for individual awards. Members of the NCQP Advisory Committee and RARS club members, however, are eligible for awards. A committee member's participation within a Multi-Op, Mobile, Portable, or Expedition category activation recuses that operation from award eligibility.

By reference, the World Wide Radio Operators Foundation (WWROF) Contester's Code of Ethics is incorporated in these rules and each entrant submitting a log for an award agrees to apply these principles during and after the event. More information is found here <https://wwrof.org/contester-code-of-ethics/> Each entrant submitting a log for an award agrees to be bound by the provisions, and intent, of these rules, the requirements of his or her amateur license, and the decisions of the North Carolina QSO Party committee. The NCQP Committee is the final arbitrator on all matters concerning the North Carolina QSO Party.