Portable Operations Challenge Rules

CONTEST OBJECTIVE:
For portable and fixed stations to work as many other portable and fixed stations as possible during the contest period.

CONTEST PERIOD:
The contest is 12-hours long, consisting of three 4-hour periods on September 4 & 5, 2021 UTC.
The sessions are:

Session 1:   0800 – 1159 September 4, 2021 UTC
Session 2:   1600 – 1959 September 4, 2021 UTC
Session 3:   0000 – 0359 September 5, 2021 UTC

Stations may be worked once per band and mode by session for a maximum of 15 contacts between stations per session (possible of 45 contacts for the 3 sessions together). Duplicate contacts will be removed without penalty.

> N1MM+ users need to create a new log for each session for N1MM+ to properly score each session.
> N1MM+ users must also set their power used in the power field of the "Change Your Station Data" in the Config Menu for proper scoring. This power value will apply to all QSO's logged.

Scoring will be done by each individual session. Participants may operate one, two or all three sessions.

Overall champion will be determined by aggregating scores from the three separate sessions. The Individual with the highest aggregated score will be crowned champion.

BANDS:
80, 40, 20, 15 and 10 meters

MODES:
CW, Phone (SSB), and Digital

Digital mode is any data mode that can transmit the required contest exchange.

Cross mode contacts are not permitted.

EXCHANGE:
4-character Maidenhead grid square

SCORING:
Total score for the session is the sum of all QSO Values in the session.

QSO Value = (Mode Points) X (QSO Type Multiplier) X (Kilometer/watt Multiplier) X (# transmitter modifier)

Mode Points:
    Digital   2 points
    CW   3 points
    SSB   4 points

QSO Type Multiplier:
    Class F to Class F -   2
    Class F to Class P -   3
    Class P to Class F -   3
    Class P to Class P -   4

Kilometer/watt Multiplier
    Kilometer distance between the two grid square centers divided by power used for the contact. Value to be rounded down to the nearest integer. Values less than 1.0 shall be rounded to 1.0.

    Power used for the contact to be determined to the nearest watt.

    When both stations are in the same grid square 71 km shall be used as the distance.

Transmitter modifier
    4 – 1 transmitter
    2 – 2 transmitters
    1 – 3 or more transmitters (Unlimited)

CATEGORY STATION:
Portable "P" and Fixed "F"

    PORTABLE – "P":
    A station that does not use any permanent amateur radio infrastructure. Mobile operation within the same 4-character Maidenhead grid square is allowed in this class.

    Stations in this class must appended their callsign with /P including mobiles.

    Fixed – "F":
    Fixed station with permanent installed antennas and permanent power in one location. All antennas, transmitters and receivers must reside within a 500-meter diameter circle.

    Rules applicable to both classes:
    An unlimited number of transmitters may operate from the same location concurrently under the same call sign. The maximum number of transmitters used concurrently at any time determines the Transmitter Modifier value to be used for scoring calculation.

    The station must be operated under only one callsign for the duration of the contest.

    The power used may be changed for each individual contact and must be reported correctly in the log.

    Use of spotting networks and the Reverse Beacon Network is permitted and encouraged. Self-spotting is permitted.

    Digital modes scripting is allowed; however, you may NOT run a fully automated station. Operator intervention to start and finish the contact is required.

    All stations, including portable and mobile stations, must operate from within their chosen one 4-character Maidenhead grid square for the duration of the contest. All stations must operate their chosen category for the duration of the contest.

The DX Code of Conduct and Contester's Code of Ethics are to be followed.

LOG FORMAT – Cabrillo 3.0:
The file format is Cabrillo v.3.0. See https:/wwrof.org/cabrillo/ for details.

The Cabrillo header must include the following information:
Callsign of station:
Contest: POC
Category-Band: All
Category-Mode: Mixed
Category-Operator: (field content ignored unless Checklog has been entered)
Category-Station: (Portable or Fixed)
Category-Transmitter: (One, Two, 3 or more Unlimited)
Claimed-Score:
Name:
Address:
Email address of station/operator:

Individual QSO line entries:
Frequency to the nearest kHz or generic band frequency as per Cabrillo specification
Mode (CW/PH/DG)
Date in UTC
Time in UTC to the nearest minute
Sent callsign
Sent 4-character Maidenhead grid square
Received callsign
Received 4-character Maidenhead grid square
Power used for the contact to the nearest watt

SUBMISSION OF LOGS:
All logs must be submitted electronically. Paper logs and scanned images of paper logs will not be accepted. Paper logs must be converted to electronic format prior to submission. N1MM+ users may submit individual logs by sessions.

Email log files to fmhpoc@gmail.com .

Log files are due not later than 7 days after the end of the contest, September 12, 2021, 0359 UTC. Turn on the email return receipt option to receive a confirmation the log file has been received.

Non-conforming logs may be used as check logs and will not be scored.

AWARDS:
Grand Champion & Distance Champion

See https://foxmikehotel.com/challenge/ .

DECLARATION:
By submitting a contest log, and in consideration of the efforts for the POC contest committee to review and evaluate that log, an entrant unconditionally and irrevocably agrees to the following: 1) they have read and understood the rules of the contest and agrees to be bound by them; 2) operated according to all rules and

regulations that pertain to the amateur radio station for the station location; 3) agreed the log entry may be made open to the public; 4) violations of the rules or unsportsmanlike conduct will be deemed sufficient cause for disqualification; and 5) accept the decisions of the POC contest committee to be official and final.

If an entrant is unwilling or unable to agree to all of the foregoing, the entrant should not submit the entry or should submit the entry as a checklog only.

Questions or comments may be emailed to fmhpoc@gmail.com .