CONTEST OBJECTIVE: The Portable Operations Challenge (POC) is designed to equalize operating conditions for, and encourage participation by, portable stations in an international contest involving non-portable stations where each contestant works as many stations as possible.

CONTEST PERIOD:

An eight-hour contiguous block between October 3rd 2020 0000 UTC and October 4th 2020 2359 UTC.

BANDS:

80, 40, 20, 15, 10 metres

MODES:
CW, PH, DIG

ENTRY CLASSES: Portable "P" and QTHer "Q".

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 and such a station is also considered as "Portable" and should use the "P" identifier in the exchange.

QTHer. "Q"

Normal home stations. All operators must be at the same location operating under one callsign.

Rules applicable to both classes:

A maximum of two transmitters may operate from the same location concurrently using the same call sign.

All stations may only operate in the contest sections of a band as defined by the IARU and/or local national society band plans whether the band plan has an optional or legal status.

Digital mode is any legal digital data mode that is able to carry the contest exchange but may NOT be a fully automated station. Operator intervention to at least start a contact is required.

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

Use of the DX-Clusters and Reverse Beacon Network are permitted for receiving spots. Self-spotting is NOT allowed.

Remotely operated stations are not allowed.

Cross-mode contacts are not allowed.

Changing the call sign used during the 8 hours of contest operation is not allowed.

Roving (seen as changing to a different 4-character Maidenhead grid square) during the contest is not allowed.

Changing from QTH to Portable (or vice versa) during the contest is not allowed.

The DX Code of Conduct, Contesting Code of Conduct and all local licensing regulations must be followed.

EXCHANGE:

Station class (Q or P), serial number, 4-character Maidenhead grid square**.**

EXCLUSIONS:

Duplicates – working the same station, on the same band on the same mode will not count for points (only the first contact will be scored during log checking & scoring).

SCORING:

The distance in kilometres (km) is calculated between the centre of the contestant and the worked station's 4-character Maidenhead grid square (via short path) and then divided by the number of watts used by the contestant on that contact to give a km per watt figure. (Should both stations be within one 4-character Maidenhead grid square, an average value of 71 km will be used as the distance between them).

Once the km per watt value is calculated, the handicapping system shown in the table below is applied.

Scoring Metric	
Entry classes:	Q2Q contacts act as a x 1 multiplier.
	Q2P or P2Q contacts act as a x 1.414213562 multiplier.
	P2P contacts act as a x 2 multiplier.
Mode:	Digital contacts act as a x 1 multiplier.
	CW contacts act as a x 1.5 multiplier.
	Phone contacts act as a x 2 multiplier.
Number of Transmitters:	The reciprocal value of the number of transmitters operating at the same time is applied to the *total contact score* by multiplication.

LOG FORMAT (Cabrillo 3.0):

All logs must be submitted electronically. The file format for log submissions is Cabrillo v.3.0. See http:/wwrof.org/cabrillo/ for details. Paper log submissions will not be accepted. Paper logs should be entered into a logging program to generate the required Cabrillo file.

Confirm that the Cabrillo header records include as a minimum the following information:
Name
Address
Email address of station
Call sign of station (where multiple stations are operating from one location as part of one entry, the same call sign MUST be used from all stations)
Number of transmitters (1 or 2) used concurrently during the contest

Individual QSO: line entries:
Date/time in UTC,
Band, Mode (CW/PH/DIG),
Your station class (P/Q) and serial number sent,
Your 4-character Maidenhead grid square,
Power used for this contact,
Callsign of station worked,
Worked station class (P/Q) with received serial number,
Received 4-character Maidenhead grid square.

SUBMISSION OF LOGS:

All logs must be submitted electronically. The file format for log submissions is Cabrillo v.3.0. See http:/wwrof.org/cabrillo/ for details. Paper log submissions will not be accepted. Paper logs should be entered into a logging program to generate the required Cabrillo file.

Log files should be emailed to fmhpoc@gmail.com. The deadline is 7 days after the end of the contest. To receive a confirmation that the emailed log has been submitted, turn on the email return-receipt option for the email software you use.

The organiser's decision is final in all matters regarding this event.

For any questions please Contact Frank K4FMH fmhpoc@gmail.com.

NON-CONFORMING LOGS:
Logs received without all fields correctly filled in will be used as check logs and will not be considered as a valid contest log submission.

AWARDS:

See https://foxmikehotel.com/challenge.

Errors & Omissions Excepted.