

SV-QRP Marathon

The purpose of this Marathon is to increase the QRP activity, and by the use of WW locators to determine the longest "reference distance" using QRP power. (See the calculation formula below).

This is not a contest, but rather a statistical game with QRP power levels and a continuous presence on the bands of Ham stations using QRP power.

The appropriate process and study of the received entries and QSOs can assist to the extraction of useful information about the propagation at this time of year.

QRP operators all over the world are welcomed.

This Marathon will run from

October 19th (00.00 UTC) till November 30th (23.59 UTC) 2016. That is 42 days, as the Classic Athens Marathon Run course has the length of 42 kilometers.

(M1KTA - 42 is the answer at the end of the Universe and it is 101010 in binary...)

Contacts can be carried out in the following modes: CW, SSB, DIGITAL (RTTY,BPSK31,FT-8).

All HF bands 10m to 160 m, including WARC.

Confirmation of details by e-mail is fine. Please bare in mind that if you use logging software that takes the locator from QRZ, this might not be the actual location at the time of the contact, so it would be advisable to have it checked by e-mail, if in doubt.

Participants should use QRP levels of 5 watts at the output or less, with any antenna, the "other" station in the QSO however, may use any power.

The organizers allow participants to ask the contacted station to reduce power during the QSO, so that both parties could acheive even better results/scores.

In that way organizers believe that they may encourage more stations to follow the QRP mentality and practice.

Think of two stations making a contact by using attenuators or reducing their power until the contact is just "maintained"! It is also very acceptable to reduce the output power during the QSO!

Only one (1) QSO on each HF band can be logged for each day (time in UTC).

Attention!!

The same station may be contacted on another band, if operating from a different WW-Locator.

(M1KTA - So all of you IOTA/SOTA fans, where the 4 locators meet, may have fun)!

We register contacts that have a distance of more than 200 kilometer, for less it does not make sense and you do not entry.

For the calculation of the "reference distance" the following formula is being used:

$$Z = \frac{L}{\sqrt{P_1 * P_2}}$$

Z = L / sqrt (P1 * P2)

Z = L / sqrt (P1 * P2)

L - distance, in kilometers

P1 and P2 - power of both stations, in Watts
Z - the calculated QSO reference.
* is the multiplication operator

The validity of the sent logs is based on operators honesty.

QSO registration

In cooperation with radio club 72 we post the results to the program that runs on their own website and is written by Dmitry UR4MCK
From the <http://aegeandxgroup.gr> (SV-QRP page) we click on the image



The first thing we need to do is create an account by clicking on Create account

Create new account

Callsign: Type your plain Ham callsign, i.e. UA3ABC

Password: Minimal password length is 8 chars

Retype password: Type your password again for confirmation

Real name: Give us your real name, i.e. Mike

QTH locator: Specify your full grid locator, i.e. KO15LP

E-mail: On this e-mail you will get further information

Language: English Choose an interface language

Disclaimer

All the Marathon participants must to login at the Marathon page. Add your real call sign, name, Wv-locator, e-mail and choose the password. The Marathon administrative group guarantee that all your personal data will be stored at the Marathon database and will not be open for anybody as well as not used for spam sending.

If you agree or disagree with it choose and mark below:

I agree

I not agree

In order to proceed registration you must agree with the above disclaimer

All fields are necessary

Software development by uc4mck
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The process is easy and we are waiting for the e-mail that we have declared to return us username and password.
Attention ! These (user name, password) are only visible once in the "link" that will set us, in the email we receive

With these elements every time we have to post something login and logout at the end of the or her entries.

This is the form registration

Add new QSO

*Date: / /

*Time, UTC: :

*DX Call:

*Band:

*Mode:

*LOC sent:

*LOC received:

*Power sent: W

*Power received: W

Comments:

Mandatory fields highlighted

After the correct recording and pressing the QSO preview, it asks if we want to register it. This means that we can try and find the best contact to record. Attention:! entries can only be made for the **previous and current calendar day**. Not for many days before.

Please send any questions, requests for information, logs and comments to:
svqrplab@gmail.com , sv8cyr@gmail.com
The contest is similar to the one run by RW3AA every April, and the contest organized by club72.su

Our deepest thanks to Dom (M1KTA) for his help and ideas on this text as well as to RW3AA for permitting us use his formula.
But the greatest thanks are to Dmitry **UR4MCK** , who has written the program and has adapted it for us, and to Oleg **RV3GM** the pioneer of the QRP, and club 72.

SV-QRP on-line Magazine