

## 5K0K FT8 operation guide

We plan to use FT8 as the primary data mode. We will use multislot FT8 in normal mode. No F/H is expected, do not ask us for that.

Our main FT8 software will be MSHV. You can use your favorite software without any problem.

Our principal operating frequencies (+-QRM):

160m 1844 kHz plus 1908 kHz for JA

80m 3590 kHz

40m 7065 kHz

30m 10145 kHz

20m 14085 kHz

17m 18117 kHz

15m 21110 kHz

12m 24918 kHz

10m 28095 kHz

6m 50328 kHz

Here is the guide on how to work 5K0K on FT8:

If you hear us on the normal FT8 frequencies, we will not be in the multi-slot mode and working one station at a time.

If the number of callers will be high, we will QSY to our DX-pedition frequencies.

Ensure that your computer clock is accurate. Use any NTP synchronization tool for example

<https://www.meinbergglobal.com/english/sw/ntp.htm>

We will always transmit in the first period. Call us only if you decode our CQ message.

We will send a CQ message from time to time so that you should not have to wait long to select the callsign. You can call us wherever you want. We will listen approx. from 200Hz up to 3000Hz.

Call us if you need to work with us. We will often be operating with multi-slot, and maybe conducting several QSOs simultaneously (from 1 to 5). Call us with the locator! MSHV will be configured that the distant station will have the priority in the queue (sorry, but the distant stations have it harder ...).

Once you decode the message '<Your Call> 5K0K ... RR73' (also called the TX4 message) from us, you should log the QSO. This message is transmitted only once as defined in FT8 Fox/Hound protocol (even multi-slot approach is not F/H mode, it keeps the F/H protocol rules). So if you did not get it from us for 2 minutes from the last message addressed to your station, do not call us again and again with R+report message. You will not get the answer. Start the QSO again from the begin.

Do not make duplicate QSOs on the same band. If your callsign does not appear in the log at the ClubLog, feel free to repeat the QSO.

If the internet connections at the island will be fast and stable, the QSO will be posted in the real-time to the QSO Director page:

<http://www.qsodirector.com/event/5k0k/>

and at the Clublog live stream.

<https://clublog.org/livestream/5k0k>

Sometimes we will use directional CQs. Please follow our instructions.

If demand for FT8 QSOs is low or band conditions are poor, we will operate in normal FT8 mode on the standard FT8 frequencies.

Check regularly our WEB page [www.cd xp.cz](http://www.cd xp.cz) or Facebook

<https://www.facebook.com/groups/1472348776313779/>

for the last updates.

We wish you many QSO and the fun with 5K0K expedition by [www.cd xp.cz](http://www.cd xp.cz) .

And finally, if you can, please support us!

See donation links at [www.cd xp.cz](http://www.cd xp.cz)

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