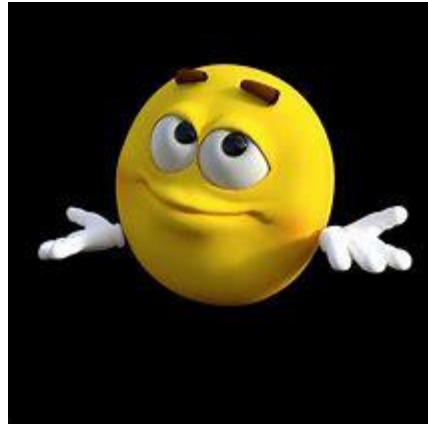# COMPUTER LOGGING FOR CONTESTING, DX OR GENERAL LOGGING

WHY USE COMPUTER LOGGING?

❖ utilizes available online or stored features
  ➢ Clusters
  ➢ Score reporting
  ➢ Reverse beaconing (reporting your signal strength world wide)

❖ ability to log QSO's at a fast rate

❖ logging accuracy

❖ networking (including distributed multi-op setups)

❖ uploading logs to contest websites

❖ the ability to use stored commands (CW/RTTY Macros or Wav files for SSB)

❖ ability to control the radio

FROM WEDNESDAY CWT

one

QSO EXCHANGE AT 30 WPM AT MY END MAYBE SLIGHTLY FASTER FOR THE STATION ANSWERING

computer logging programs

There are many programs available some are free and some have a price.

I mainly use N1MM logger+ which is free and very well supported.

I also use N3FJP Amateur log which has a price of $39.00 USD.

The POTA site has setup instructions for N3FJP

❖ N1MM LOGGER+

- ➤ controls the radios
- ➤ has networking ability
- ➤ for use in multi/multi contests
- ➤ wide variety of contests
- ➤ interfaces with clusters and contest reporting sites
- ➤ creates files needed for contest submissions
- ➤ provides multiplier calculation and dupe checking
- ➤ stores country list (CTY)
- ➤ call history files and more…

N1MM Logger+

The most widely used logging program in North America

Has contests configurations available for many contests.

Has a feature to allow for "user defined contests" such as POTA

Can be used for general logging

❖ Used in North America

➢ not so much in Europe where **Wintest** is the logger of choice

➢ the list of contest is extensive and have not found a contest that is not provided for

➢ user defined contests allow programming by individuals. There are instructions provided for this

➢ N1MM+ general logging works well but I find N3FJP to be better

N1MM Let's take a look at the N1MM logger + program – this program is free and very well supported. Very oriented to contesting. Full list of contest are available

N3FJP Let's take a look at the N3FJP logging program – there is a cost for the program $39.00 USD. More oriented to specialty logs such as Net Logging, Amateur exam study, Morse code teacher, Club score processor, WX weather warning program etc,. CQ and other contests are included.

USAGE & WRAP UP

❖ **Touch typing is helpful but not necessary**

❖ **Handles a large number of QSO's**

❖ **Tracks dupes and computes your score**

❖ **Provides access to the contest websites for log uploading**

❖ **Provides computer networking for Muti/Multi contest operation**

  ➢ **This includes distributed Multi op contest entries**

❖ **Logs can be stored by date and contest for future reference**

❖ **Logs easily uploaded to LOTW, QRZ, Club Log or other sites.**

DISTRIBUTED MULTI OPERATION

❖ stations networked together using the internet

❖ one networking program that I have used is "LOGMEIN"

❖ we have networked 4 stations located in Surrey, Vancouver and North Vancouver during COVID.

❖ N1MM+ is particularly suited for this configuration as it allows for seamless setup

❖ now that COVID is history not all contest accept distributed multi-op logs. If considering this configuration you need to check the contest rules closely.

❖ there are no geographic restrictions that I am aware of.

QUESTIONS

VA7QD

QUESTIONS

VA7TU

QUESTIONS