Setting Up the Network

• All of the computers you intend to use are running, and that Windows networking is functional.
It is a very good idea to have a "hot spare" on the network, just in case.

• Install the same version of N1MM Logger+ on all of the computers.

• Run N1MM Logger+ on each machine, **using the right-click option to Run as Administrator** on all machines except the one you will be designating as "master". This will enable the "master" station to keep all the other computer clocks in sync with Internet time.

Alternatively, if all of the computers have Internet access,you can disable the built-in Windows Internet time synchronization (which is not accurate enough for this purpose) and install more accurate time synchronization software (such as the Meinberg NTP client or Dimension 4) on **all** of the computers in the network to ensure that they are all synchronized.

• Create a new empty database on each machine. **FD2023**

• Start a New Log for the contest on each machine, making sure to set the contest, operator category and transmitter category correctly.

• Configure external interfaces at each operating position (radio control, CW, PTT, etc.)

• Set up Function Key Messages on each computer. If using operator-specific wav files for SSB, make sure that each operator has his or her own wav file sub-folder on every computer that he or she will be using.

• Make sure that **Master.SCP** and **wl_cty.dat** files are up to date (on the Tools menu) on all computers

• Turn off Windows Sounds (in SSB contests) to prevent transmitting odd noises (Control Panel – Sounds – Scheme: No Sounds)

• Set N1MM+'s **Networked Computer mode ON** – from the Network Status Window on each machine

• At this point you should see the names of all the computers running on the network. Initially, i.e. for the first several seconds or so, they may display various red warning flags .

• This will only persist until the network finishes connecting, at which time the red flags will disappear, unless you have something wrong, such as a mismatch between N1MM+ versions, between the contests on the different computers, or between operator categories or transmitter categories. In this case, the red flag will remain on the Messages tab in the Network Status window, and you will find an explanation

> •**Make sure that…**
> * You are running the same version of the program on all computers
> * You have set up the same contest and same operator and transmitter categories on all computers
> • All computers have the same version of wl_cty.dat installed
> • All computers have the same time zone and daylight savings offset
> • All computers have the same regional settings for numbers, dates, etc, and the same short and
>   long date and time formats

Message between computers
   CTRL+E followed by **"computer name"** message
   CTRL+E followed by "*" (all computers) message

   CTRL+O new operator