N1MM Logger+ Program for 2020 Field Day 6/25/2020

Install the app.

- 1. Search for N1MM Download, or go here... https://n1mmwp.hamdocs.com/downloads/n1mm-full-install/
- 2. 2nd page... select N1MM Logger+ FullInstaller 1.0.7711.exe
- 3. Run the installer.
- 4. Reboot your computer when prompted.
- 5. Find the N1MM Logger+ on your desktop and run it.
 - a. When prompted, check the **O Create new N1MM Logger+ database** option.
- 6. Missing Station Info popup... click on **OK**, then accept the default file destination
- 7. Missing Station Info popup... click on **OK**
- 8. Fill in the form. Enter details that describes your setup. This is what mine looks like. The Grid Square, CQ Zone, and ITU zone should be the same for all of us. If your zip code is different than that of Cupertino (95014), click on this link to get your grid square...

(<u>https://www.levinecentral.com/ham/grid_square.php</u>). Latitude and Longitude will be filled in based on your grid square. When done, press OK.

Edit Station Inf	formation X
C-1	Tip: You need to fill out this form
Call	CNOPE or the program will not perform
Name	Jim Oberhofer computer date and time are set to
Address	11846 Woodhill Court the LOCAL date and time zone
Address	
City	Cupertino State CA Zip 95014
Country	USA
Grid Square	CM87XH CQ Zone 3 ITU Zone 6
License	Latitude 37.3125 N V Longitude 122.0417 W V
Station TX/RX	Power 50
Antenna	Random Wire Ant. Height 25 a.s.l. 25
ARRL Section	SCV
Rover QTH	
Club	CUPERTINO ARES
Email address	kn6pe@arrl.net
	Ok Help Cancel

NOTE! At some point, you will get a popup that a new version is available. When prompted to **Install now?** Select **OK**.

First Look

Here is how I moved around and resized the two windows... You can lay them out any way you want.

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Setting up for Field Day

- 1. Select File > New Log in Database ham.s3db (or whatever you named the file)
- 2. For Log Type: select FD
- 3. Start Date: leave as 2020-06-27 18:00:00 This is UTC Time... do not change it!
- 4. Band: If you are VHF/UHF only, down at bottom of this dropdown, there are 2 VHF entries... pick one that works for you.
- Power: HT users: select QRP Mobile or base users: select Medium (<150W) Folks with Amps: select High (>150W)
- Mode: for VHF-only users, select FM
 For HF-digi users or Packet-only Users, select DIGITAL
 For more than 1 mode, select SSB+CW+DIGITAL
- 7. Assisted: This is if you are using a DX spotter... I won't and selected UNASSISTED
- 8. Sent Exchange: Update this to be however you operate: 1D SCV
- 9. When done, press OK
- 10. This is what I set.

ham.s3db	
New log	For: ARRL Field Day (June)
Log Type F	
Start Date 2	020-06-27 18:00:00
U	se Up/Down cursor keys to see long description above.
Total numb	er of contacts in database 0
Contest Asso	ciated Files
Catego	ry Show Setup Show Rules
Operat	or SINGLE-OP State for Log Type QSOPARTY
Ва	ALL V Note - the program does
Pow	er MEDIUM V Check the contest rules
Mo	de SSB+CW+DIGITAL V
Overl	ay N/A V
Stati	PINED V
Assist	ed NON-ASSISTED V Time Category N/A V
Transmit	
Sent Exchan	ge 1A SCV Omit RST. E.g. CQWW: 05 SS: A 56 EMA
Operato	rs KN6PE Update Ops from Log
Soapb	DX A
	OK Help Cancel

	14200.(00 USB I	Manual - VFO A						-	-		×										
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40	40	40		1 (e) 501																		
20	20	20	F1 S&P CQ	F2 Exch	F3 Spare	F4	KN6PE	F5 His Ca	ıll	F	6 Spare											
15	15	10	F7 Rpt Exch	F8 Agn?	F9 Zone	F10) Spare	F11 Spar	e	F	12 Wipe											
10	10	10	Esc: Stop	Wipe	Log It	Edit	Mark	Store	Sp	ot It	QR	z										
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Note how the layout changed to reflect the Field Day contest.

But, I'm only operating VHF!

No worries... here is how you can set up VHF logging contacts:

VOICE LOGGING

- 1. On the top left, click on any band in the PH (Phone) column.
- Enter the VHF Frequency in the first white space, such as 146535 <enter>



NOTE: Frequencies are entered without decimal points!

This frequency will now be used for all of your log entries going forward until you change it, or click on a different mode and band. Also, this frequency will be fine for any contact made in the 2 meter band. For this contest, the ARRL cares about the band, not the exact frequency.

 Let's log a contact. For testing, suppose you just had an exchange with K6KP who's exchange was
 1A SCV. You enter the call, Class, and Section, then press enter.

N	146535	.00 US	8 Manual - VFO A				- 1
<u>F</u> ile	<u>E</u> d	it <u>V</u>	iew Tools <u>C</u> onfig	Wi <u>n</u> dow	Help		
cw	РН	DIG			Class	Section	
160	160	160	КбКР		1A	SCV	1
80	80	80		 C10 			1
40	40	40		Jar Jar			
20	20	20	F1 S8P C0	Elfunt	F3 Spare	F5 His Calm	

4. Your entry is loaded into the two windows below.

NOTE: because this is
really an HF logging
program, it will show



your "phone" contact as USB. Not to worry. You, me, and the ARRL know this was a 2-meter contact using a voice mode.

5. If you entered this call sign again for this band (2 meters) and mode (Voice), you will get a **DUP** warning, meaning it is a duplicate contact and you already worked this station.

PACKET LOGGING

- 1. For Packet Ops, on the top left, click on any band in the DIG (DIGITAL) column.
- 2. Enter the VHF Frequency in the white space, such as 145050 <enter>

NOTE: Frequencies are entered without decimal points!

This frequency will now be used for all of your log entries going forward until you change it, or click on a different mode and band.

3. Suppose you hear Darryl **KI6LDM** calling CQ on packet, you answer him, he tells you **1E SCV**. You enter his exchange, and press enter. Your form now looks like this.

MM-DD	HH:MM	Call	Freq	м	Ε	Sect	Pts	Op	4
06-26	04:28	К6КР	146535.00	USB	1 A	SCV	2	KN6PE	
06-26	04:28	KI6LDM	145050.00	RTTY	1E	SCV	2	KN6PE	
06-26	04:28	 KI6LDM	145050.00	RTTY	1E	SCV	2	KN6PE	
<									>

- 4. Same comment as above: While the Mode shows RTTY, for this VHF contact, it is really packet.
- 5. The top window shows all the contacts you made, and the lower window shows the contacts you made on this band/mode combination.

CLEANING UP ENTRIES

1. You can edit or delete an entry by right-clicking on an entry, and you will get a drop down. This now gives you a change to practice entering contacts that can be deleted before the contest.

SUBMITTING YOUR ENTRY

We will pick up this topic after field day! Have fun!