N1MM LOGGER+ IN A CONTEST IAN KAHN, NV4C



ABOUT THIS PRESENTATION

WHAT IT IS:

Beginner Info

Basics on using the software

WHAT IT ISN'T:

How to use every advanced features

WHAT WE'LL COVER

- Pre-contest
- Installation
- Setup/configuration
- During the contest basic operations

After the contest – submitting the score, statistical information

ABOUT N1MM LOGGER+

WHAT IT IS:

Contest logger DXPedition Logger Special Event Logger

WHAT IT ISN'T:

General daily logger

PART I – INSTALLATION AND SETUP



NSTALLATION

Download from https://n1mmwp.hamdocs.com/ Two-part download Full Install file – N1MM-Logger-FullInstaller-1.0.8954.exe Latest Update file – N1MM-Logger-Update-<ver#>.exe Download both files Install Full Install file first Then install Latest Update file

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	Plus – Free Softwar 🗙 🕂				-		
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* >	PROGRAM FILES	FULL INSTALL					
N11	CATEGORY LISTING	LATEST UPDATE	FILES				
	CATEGORY MENU >	LATEST UPDATE	HISTORY		oggin	a program	For CW, phone and digital modes, its
N1M		EXPERIMENTAL	VERSIONS		oggin	g program.	for ew, phone and digital modes, its
N1M comt					_		D
		ARCHIVE FILES ((1/2021) – N1MM OI	N WINDOWSXP		Cred Laws 1 1 1 1	
			(1/2021) – N1MM OI (8/2014) – N1MM CL		Help Rov	Pwr	

NSTALLATION (CONT.)

Double-click Full Installer to launch Allow N1MM Logger+ to make changes to system Accept the defaults Click "OK" to install Reboot when prompted Once done, double-click update installer to launch Follow same steps as with Full Installer Once complete, N1MM Logger+ will launch

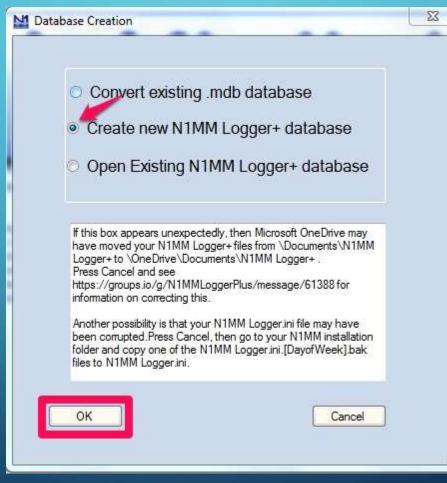


NSTALLATION (CONT.)

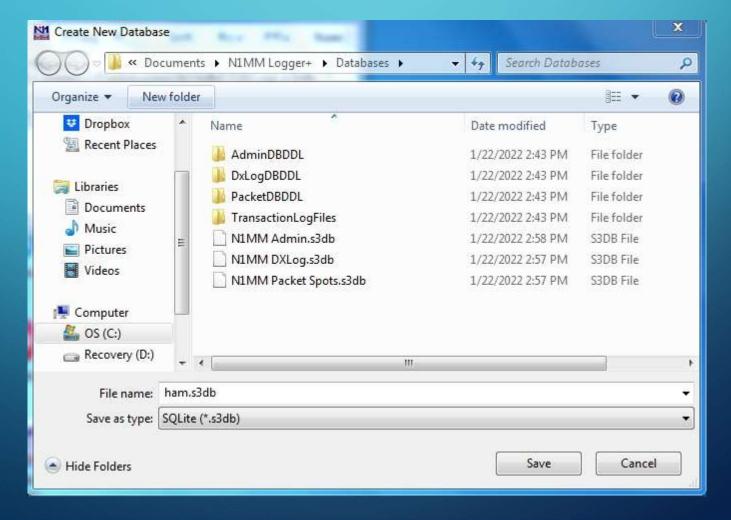
Program installed to C:\Program Files (x86)\N1MM Logger+ Important files also installed to C:\Users\<your_user_name>\Documents\N1MM Logger+

SETUP AND CONFIGURATION

Create new database



Default database setup

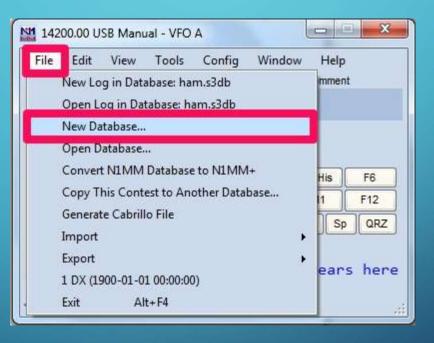


Station information

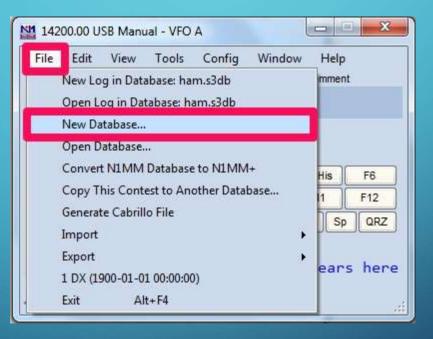
Call	NV4C	_					l to fill out m will not j	
Name	lan Kahn	_		-			o, make s	
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Address	1905 Six E	Branches Driv	ve		for your			le zone
Address								
City	Roswell	State	GA	Zip	30076			
Country	USA							
Grid Square	EM74UA	CQ Zone	5		ITU Zone	8		
License	Extra	Latitude	34.0208	N	- Longitu	ude	84.2917	W
Station TX/RX					Power			
Antenna			Ant. Hei	ght	a.	s.l.		
ARRL Section	GA							
Rover QTH								
Club	North Fulto	on ARL						
Email address	NoEmailPro	ovided						
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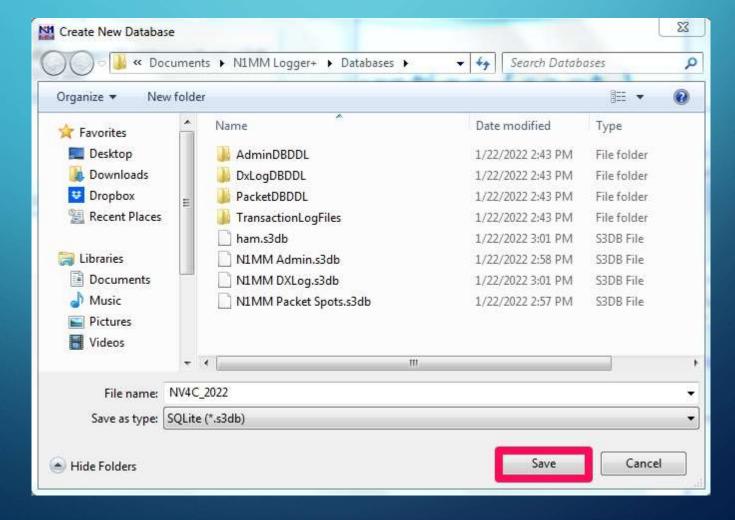
Create Your Own Database



Create Your Own Database (cont.)



Create Your Own Database (cont.)



Set up rig control

	Configure Ports, Mode Control, Winkey, etc		
	Change Your Station Data Logger+ Audio Setup	tion Keys, Dig	gital Modes, Winkey, Mode Control, Antennas,
	Manage translations	~ 1 M	
>	Enter Sends Message (ESM mode) Automatically Spot New S&P QSO's QSYing Wipes the Call & Spots QSO in Bandmap (S&F Grab Focus From Other Apps When Radio is Tuned Do Not Automatically Switch to Run on CQ Frequency Show Non-Workable Spots and Dupes in Bandmap		A Config Window Help sitt Roy Name Comment
	Reset RX Freq to TX when QSO is Logged (Run & Split Sub Receiver Always On Or CQ Repeat Or Set CQ Repeat Time (ms) (1800) Or CW / PH AutoSend Threshold Enable Call History Lookup Change CW/SSB/Digital Function Key Definitions Change Band Plan) trl+Alt+D Alt+R Ctrl+R	F3 F4 F5 His F6 F9 F10 F11 F12 Log Edit Mar Sto Sp QRZ ears here when y UserText appears here , see the In: No Score
	Manage Skins, Colors and Fonts Change Operator Callsign Stored in Log Change Exchange Abbreviations SO2R WAE Clear *.ini File Settings	Ctrl+0	•

SETUP AND CONFIGURATION

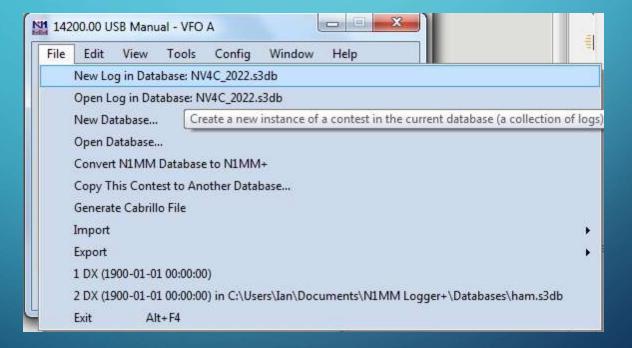
Set up rig control (cont.)

Funct	on Keys Digita	Modes C	ther Winkey	Mode Control	Antennas	Score Reporting	Broadcast Data	WSJT/JTDX Seti
Port	Radio	Dig		Details		S01V	O \$02V	O SO2R
COM1 🗸 🗸	Elecraft K3			Set	3840	0,N,8,1,DTR=Alwa	ys Off,RTS=Alwa	ys Off,Tx=1
None 🗸 🗸 🗸	None			Set				
None 🗸 🗸	None			Set				
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LPT1				Set				
LPT2				Set				
LPT3				Set				

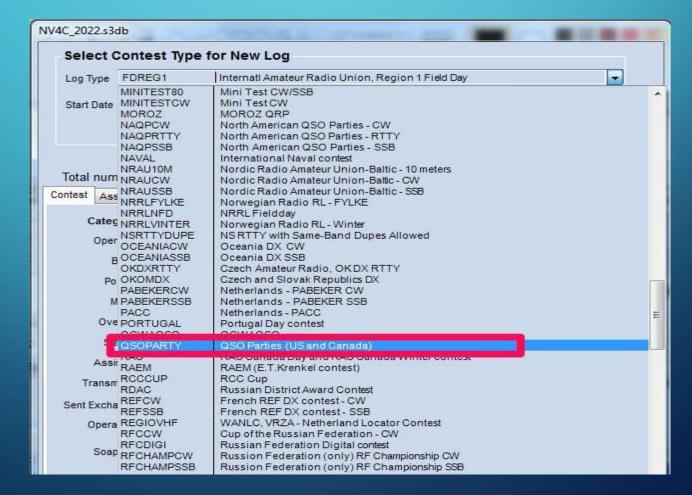
SETUP AND CONFIGURATION (CONT.) Set up rig control (cont.)

× Com1 Speed DataBits Stop Bits Parity N 38400 8 ~ v v DTR (pin 4) RTS (pin 7) Radio Nr Always Off ~ Always Off ~ v PTT Delay (msec) Enable Both Hardware & Software PTT 30 PTT via Radio Command SSB Mode PTT via Radio Command CW Mode Allow ext interrupts PTT via Radio Command Digital Mode Two Radio Protocol FootSwitch (pin 6) None \sim None **Radio Polling Rate** Normal Suggested Elecraft K3 Settings: 19200 - 38400, N, 8, 1, Always Off, Always Off OK Help Cancel

Create Contest Log in Database



Create Contest Log in Database (cont.)



Create Contest Log in Database (cont.)

NV4C_2022.s3d		
Select C	ontest Type for New Log	
Log Type	QSOPARTY QSO Parties (US and Canada)	•
Start Date	022-01-29 13:00:00	
		State for Log Type QSOPARTY
Ba Pov Mo Over Stat Assis: Transmit	de SSB+CW v for valid categories. ay N/A v on FIXED v ed ASSISTED v Time Category N/A	7QP 7QP AK AL AR AZ BC CA CC CP DE ■ List
Sent Exchar Operati Soapt	ge GA Omit RST, E.g. CQWW: 05 NV4C	St CA

Create Contest Log in Database (cont.)

	ontest Type for New Log
.og Type	QSOPARTY QSO Parties (US and Canada)
Start Date	2022-01-29 18:00:00
otal num	ber of contacts in database 0
	ociated Files
Categ	ory Show Setup Show Rules
Oper	ator SINGLE-OP State for Log Type QSOPARTY
В	and ALL Vote - the program does
Por	Ner HIGH Check the contest rules
м	ode SSB
Ove	rlay N/A -
Sta	tion FIXED -
Assis	ted NON-ASSISTED Time Category N/A Import Section Lis
Transm	
ent Excha	
Opera	INV4C Update Ops from Log
Soap	
Suap	704



PART II – DURING THE CONTEST



DURING THE CONTEST – DEFAULT SCREEN LAYOUT



DURING THE CONTEST – MAKE CONTACTS

Choose Run or S&P as appropriate Space bar to move between fields

Enter key to log contact



DURING THE CONTEST – MAKE CONTACTS

What if I worked you before?

File CW	Edit PH	View	Tools	Cor Si	-	dow Hel Name	p Comment	
160	160	KD90	VAC					
80	80	10009	(#)		-			
40	(40)	• •	🔿 Run	•	S& D	upe		
30	30		v					-
20	20	F1 S&P	F2 Ex	ch	F3 Spare	F4 NV4C	F5 His Call	F6 Spare
17	17	F7 Rpt	F8 Ag	n?	F9 Zone	F10 Spare	F11 Spare	F12 Wipe
15	15	Esc: Sto	p V	Vipe	Log It	Edit Mark	Store S	pot QRZ
12	12 Regional Hdg 337° LP 158° 549mi 883km SR							
10	10 Call history UserText appears here when enab							

DURING THE CONTEST – THE LOGGED

MM-DD HH:MM	🔺 Call	Freq	Snt	Rcv	Exch	Sect	M1	Pts
02-05 19:02	KØSTH	14200.00	59	59	MO	MO	~	1
02-05 19:02	KØSTH	14200.00	59	59	МО	MO	~	1

DURING THE CONTEST – MAKE CONTACTS

Automatic keying - C:\Users\<user>\Documents\N1MM Logger+\FunctionKeyMessages

Voice

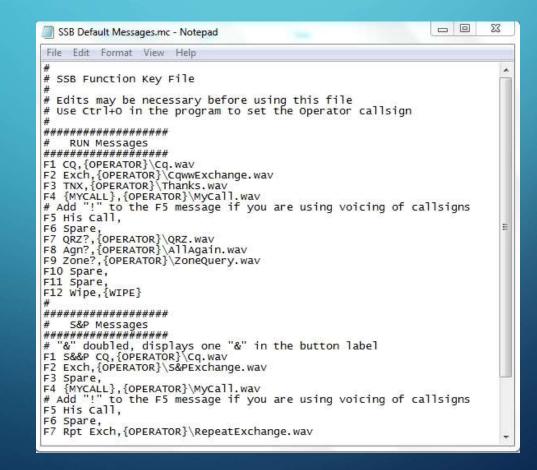
CW

Digital

Name	Date modified 🔻	Туре	Size	
CW Default Messages.mc	1/22/2022 2:43 PM	MC File	2 KB	
Digi Default Messages.mc	1/22/2022 2:43 PM	MC File	2 KB	
SSB Default Messages.mc	1/22/2022 2:43 PM	MC File	2 KB	

DURING THE CONTEST – MAKE CONTACTS

Automatic keying – Sample Macro File



DURING THE CONTEST – OTHER USEFUL WINDOWS Gray Line (Window -> Gray Line):



DURING THE CONTEST – OTHER USEFUL WINDOWS

Multipliers (Window -> Multipliers -> Mult Type):



DURING THE CONTEST – OTHER USEFUL WINDOWS

Score Summary (Window -> Score Summary):

14 1 1 1.0 Total 1 1 1 1.0 Score: 1 1 1 0.01	
Score: 1	0
1 H. 1+ 1 0 0	
1 Mult = 1.0 Q's	

PART III – AFTER THE CONTEST

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File -> Generate Cabrillo File

	New Log in Database: NV4C_2021.s3db	
NM 14	Open Log in Database: NV4C_2021.s3db	
File	New Database	
РН	Open Database	
160	Convert N1MM Database to N1MM+	
80	Copy This Contest to Another Database	
40	Generate Cabrillo File	
20	Import	
15 =	Export	ate a Cabrillo file for
10	1 QSOPARTY (2021-04-17 18:00:00) (GA)	



SUEXPORT THE CABRILLO FILE

Confirm the category

Check your catgeory !

Your category is MULTI-OP NON-ASSISTED TWO Transmitter ALL Band SSB Mode LOW Power FIXED Station

Are you sure this a valid category for this contest and this is the category you intended to enter ?

Yes

No

EXPORTTHE EASELLO FILE

Confirm the exchange

Check your sent exchange!



Your Cabrillo log will be generated using the following SENT EXCHANGE:

GILM

RST will be added if needed for this contest. Place a 001 in the correct position if serial number is required for this contest (EXCEPT ARRL SS!). If the sent exchange is not correct, use File, Open Log in Database and correct it!

ОК

X

EXPERITTHE EASERILO FILE

Pick the folder to save the log file

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Cabrillo Export			×
	< User > Documents > N1MM Lo	ogger+ → ExportFiles 🗸 🗸	O Search ExportFiles
Organize 🔻 New	folder		E= • 0
 This PC 3D Objects Desktop Documents Downloads Music Pictures Videos Local Disk (C:) 	Name	Date modified Ty	ype Size
STORAGE (D:)	v (<		>
File name: 🚺	NV4C.log		×
Save as type: C	Cabrillo Files (*.log)		~
∧ Hide Folders		[Save Cancel

9

SUBMITTHE CLOGLLO FILE

Export complete!

Send the log to the contest based on the contest requirements

 Cabrillo Export
 ×

 Export is complete.
 You can edit your Cabrillo output file before sending.

 The most frequent problem is that the SENT
 EXCHANGE was not set properly in the contest.

 You can email your Cabrillo file to
 logs@supercheckpartial.com. Note, that you must have installed and configured an email program on this computer.

 Edit
 Email
 Cancel



SUBMIT THE LOG GENERATE ADIF FILE

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YT	14200.00 USB Manual - VFO A
IOGS): Rescore	File Edit View Tools Config Window Help New Log in Database: NV4C_2022.s3db Open Log in Database: NV4C_2022.s3db New Database Open Database Open Database Open Database to N1MM+ Convert N1MM Database to N1MM+ Copy This Contest to Another Database Generate Cabrillo File Import
Export ADIF to file	Export ADIF to file
Export to File (Generic) Export EDI to file by band Print Score Summary to File Export Call History	Export ADIF to file by date Export ADIF to file by date from ALL contests Export ADIF by Multi-User Station Name Exit Alt+F4
Export Function Keys to File	31

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SAVE THE ADIF FILE MPORT TO YOUR DAILY LOGGER AND UPLOAD TO LOTW

ADIF Export					- 216		1. 10.9		×
	« Us	er > Documer	nts → N1MM Logg	er+ > ExportFiles	~	õ	은 Search I	xportFiles	
Organize 👻 New	/ folde	er						EE 🔹	0
This PC This PC This PC This PC Desktop Documents Documents Downloads Music Pictures Pictures Videos Local Disk (C:)	~	Name	~	Date i	modified .ch your se	arch.	Туре	Size	
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