

RARS Zoom meeting May 11, 2021

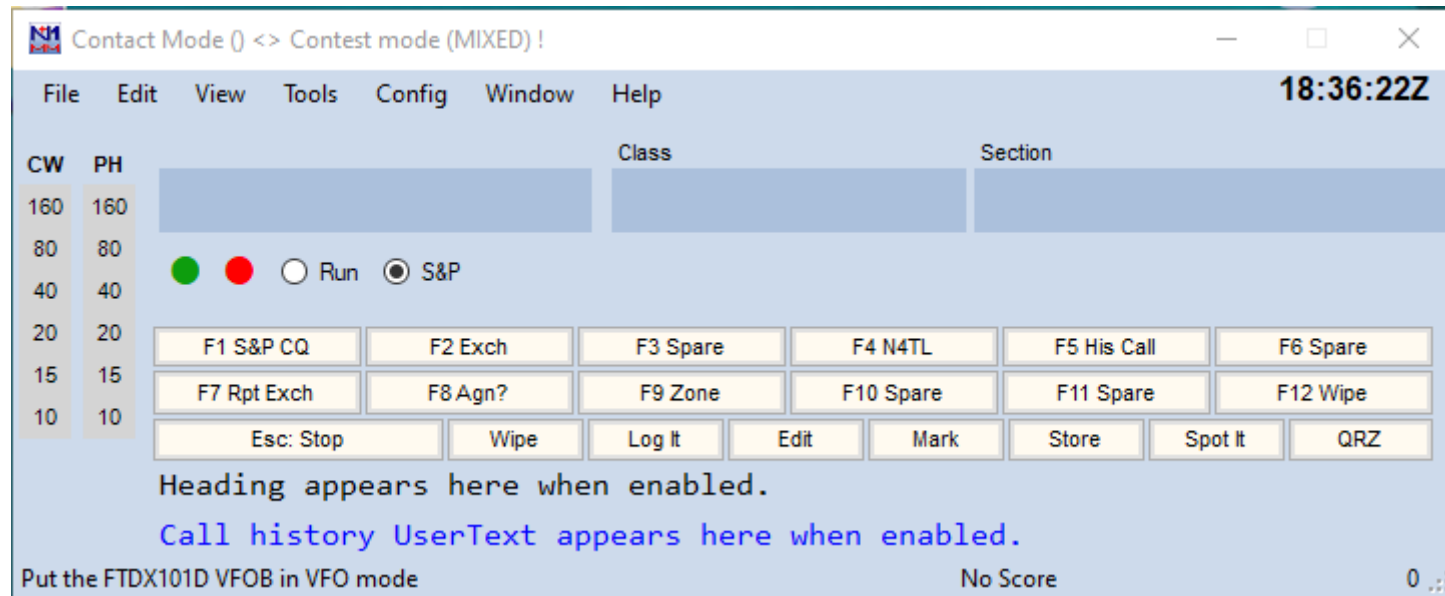
- Contest Logging software
- N1MM+
- Tom Lewis, N4TL, tonight's presenter
- Curt Phillips, W4CP, Field Day Chair

Contest Logging software

- Different from standard logging software
- Has contest exchange built into logging window
- Generates a Cabrillo file
- Does Dupe Checking automatically
- Calculates score
- And more

N1MM+

N1MM Logger is the world's most popular ham radio contest logging program. For CW, phone and digital modes, its combination of contest-optimized features is unmatched. ... Consult the N1MM Update History notes for information on the newest features of the program that may not have made it into the manual.



N1MM+ Website

<https://n1mmwp.hamdocs.com/website/>



N1MM+ Full Install



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N1MM+ Full Install



To DOWNLOAD the Full Install file **click here**.



DOWNLOADS ▾

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Program Files - Full Install (1)

Sort by: newest ▾

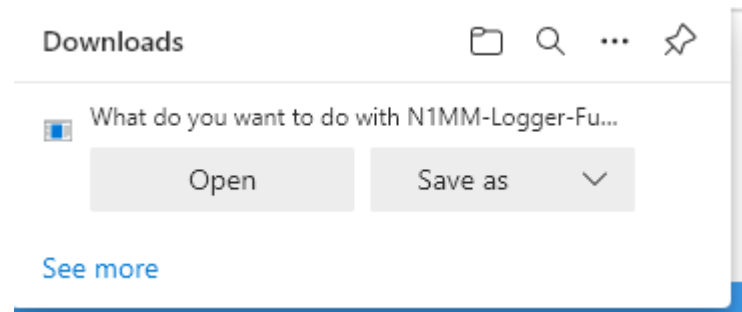
All downloads (791)

Showing 1-1 of 1

N1MM Logger+ Full Installer 1.0.8954 (Feb 2, 2021)

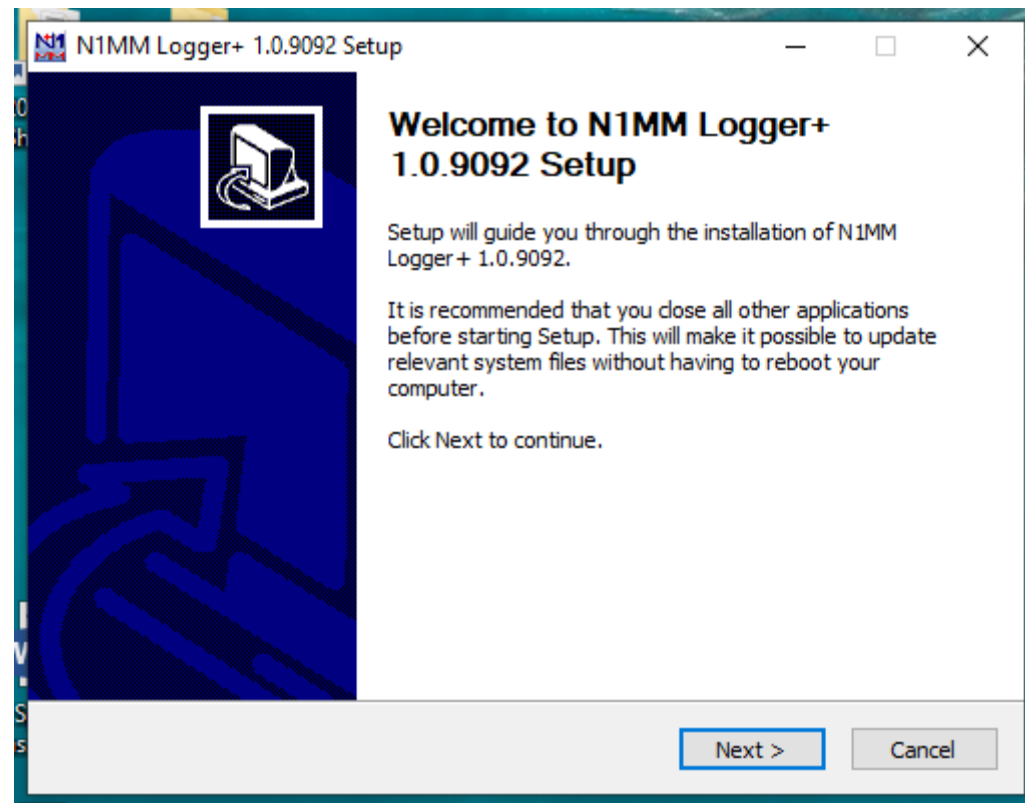


Download



Windows Vista Users!

Attention Windows XP Users!



Program Files - Latest Update (134)

Sort by: newest

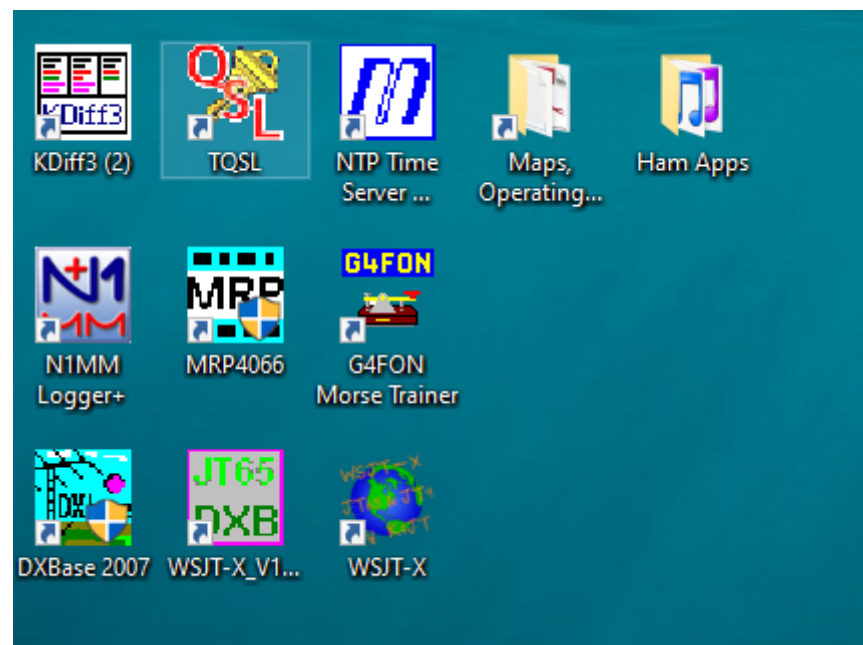
All downloads (791)

Showing 1-25 of 134

N1MM Logger+ Update 1.0.9092 (April 20, 2021)

1.0.9092





N1MM Logger



Copyright 1998-2021, N1MM, PA1M, AB5K, N2AMG, N2IC, K3CT, NA3M, N4ZR, VE3KI, K8UT, KU7T, AB2ZY.
INPOUT32 is copyright 2011, Highresolution Enterprises.

FLDG.dll by Terry Glagowski - W1TR

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N4TL

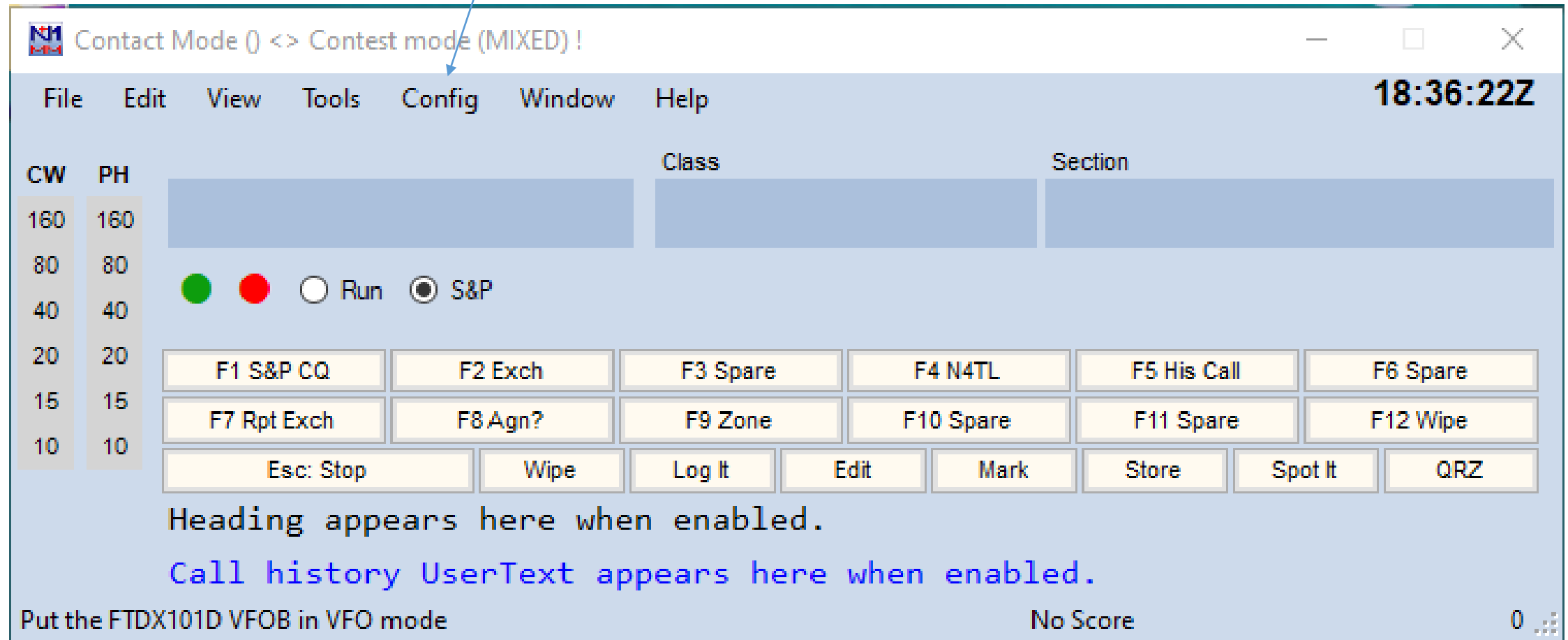
N1MMLogger.net - Version 1.0.9092.0

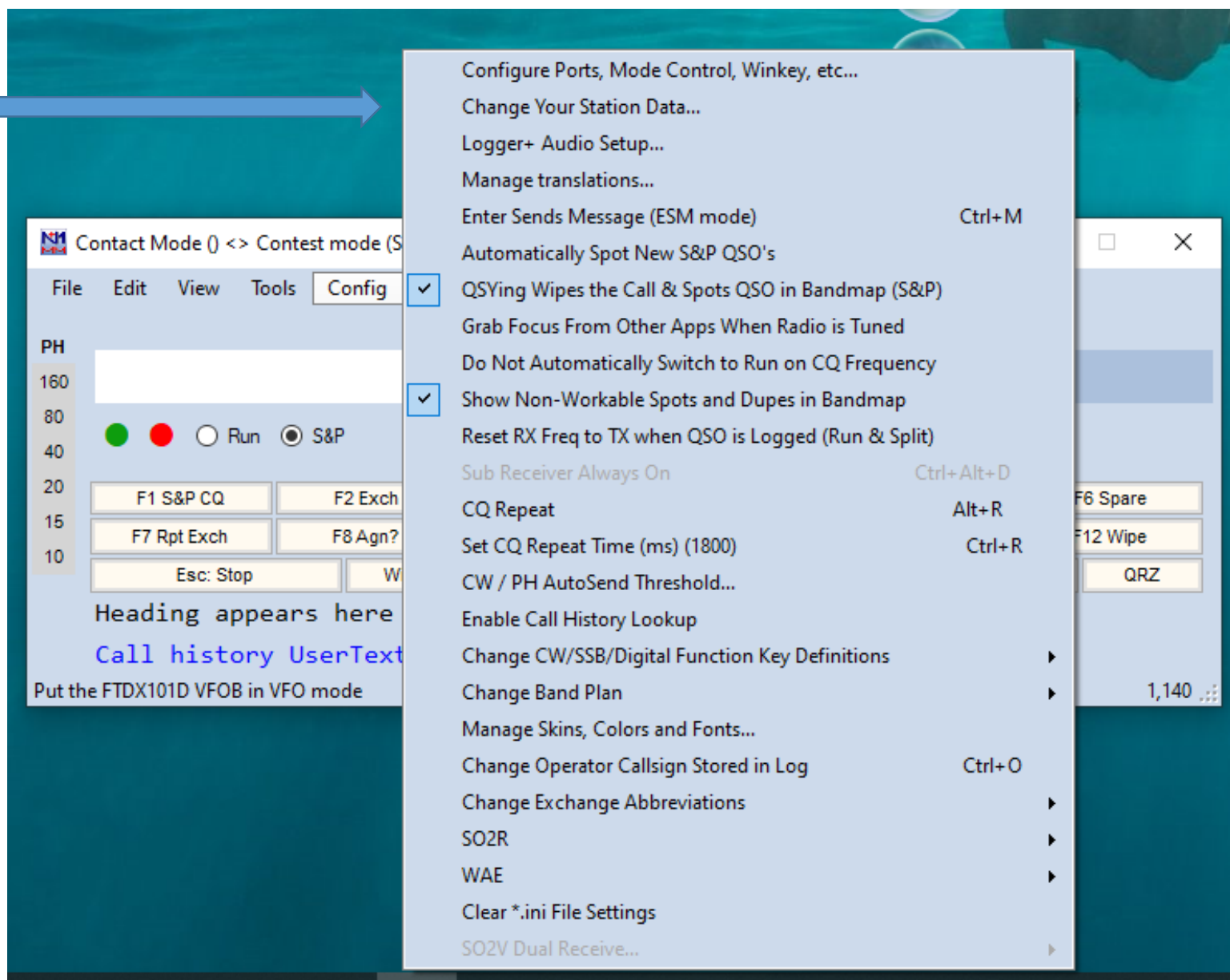
Built: 4/20/2021 8:13:54 AM

N1MM Logo by LU5MT

OK

Use Config to set your station information







Tip: You need to fill out this form or the program will not perform properly... Also, make sure your computer date and time are set to the LOCAL date and time zone for your location.

Call	N4TL						
Name	Thomas Lewis						
Address	10709 Martha's way						
Address							
City	Raleigh	State	NC	Zip	27615-1311		
Country	UNITED STATES						
Grid Square	FM05QW	CQ Zone	5	ITU Zone	8		
License	Extra	Latitude	35.9300	N ▾	Longitude	78.6500	W ▾
Station TX/RX				Power	100		
Antenna		Ant. Height		a.s.l.			
ARRL Section	NC						
Rover QTH							
Club	Potomac Valley Radio Club						
Email address	n4tl2@yahoo.com						

Ok

Help

Cancel



Edit Station Information



Tip: You need to fill out this form or the program will not perform properly... Also, make sure your computer date and time are set to the LOCAL date and time zone for your location.

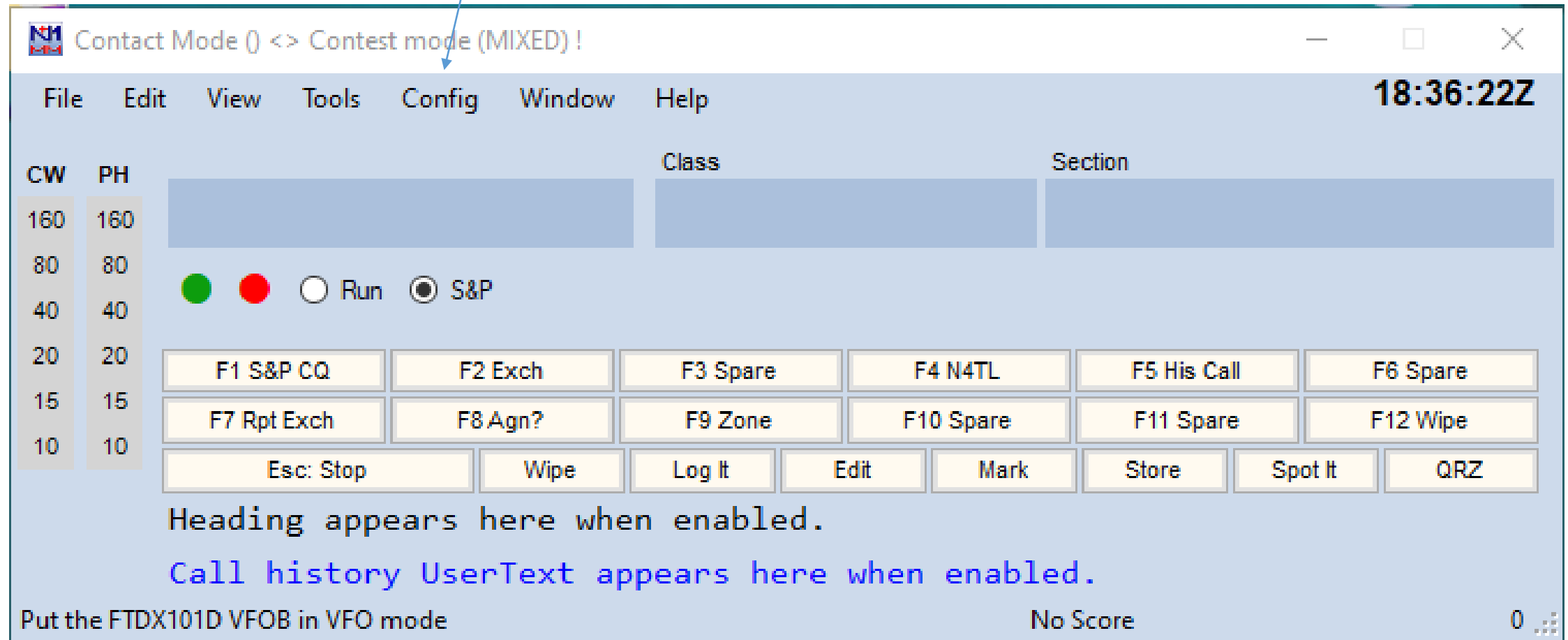
Call	N4TL		
Name	Thomas Lewis		
Address	10709 Martha's way		
Address			
City	Raleigh	State	NC
		Zip	27615-1311
Country	UNITED STATES		
Grid Square	FM05QW	CQ Zone	5
		ITU Zone	8
License	Extra	Latitude	35.9300
			N
		Longitude	78.6500
			W
Station TX/RX			
		Power	100
Antenna		Ant. Height	
		a.s.l.	
ARRL Section	NC		
Rover QTH			
Club	Raleigh Amateur Radio Society		
Email address	n4tl2@yahoo.com		

Ok

Help

Cancel

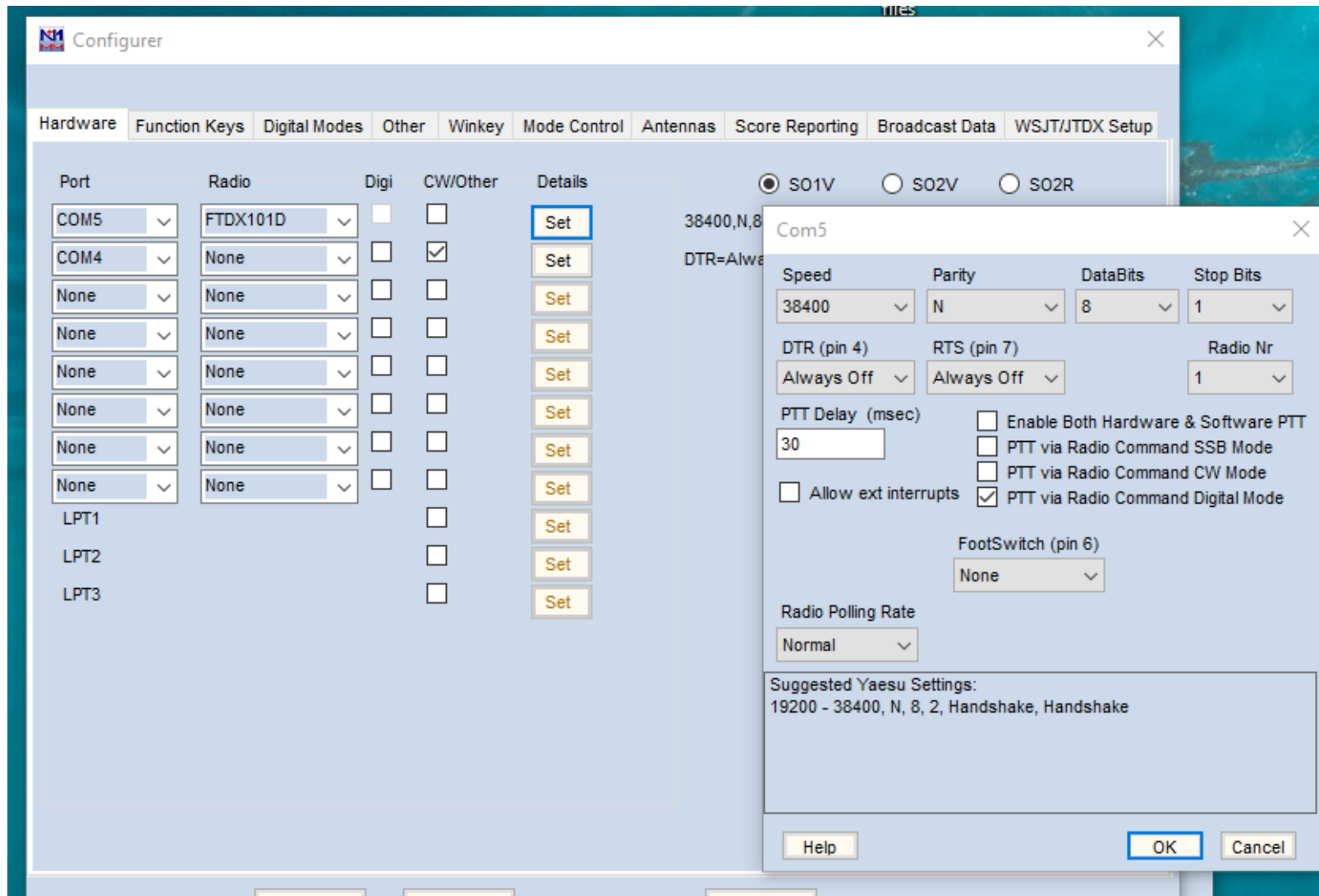
Use Config to set the radio interface



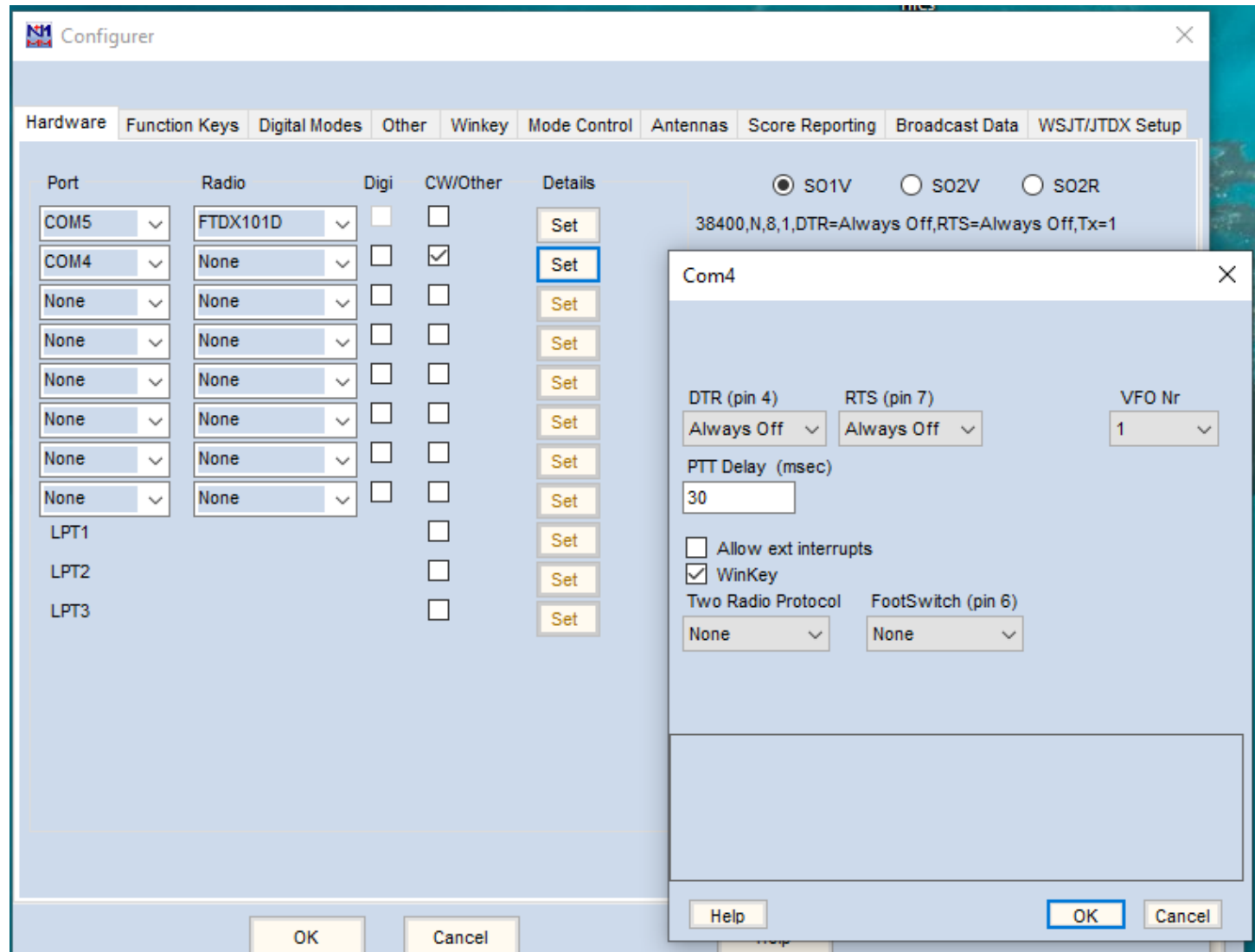
It will work with No Radio Connected

- Simply type a frequency in KHz (3500, 7000, etc.) in the Call-Sign textbox (to the far left) and hit Enter; then type a mode (CW, USB, LSB) there, hit Enter again, and you're set. The Entry Window is your main starting place for everything you do with **N1MM** Logger+.
- But its easier with the radio connected

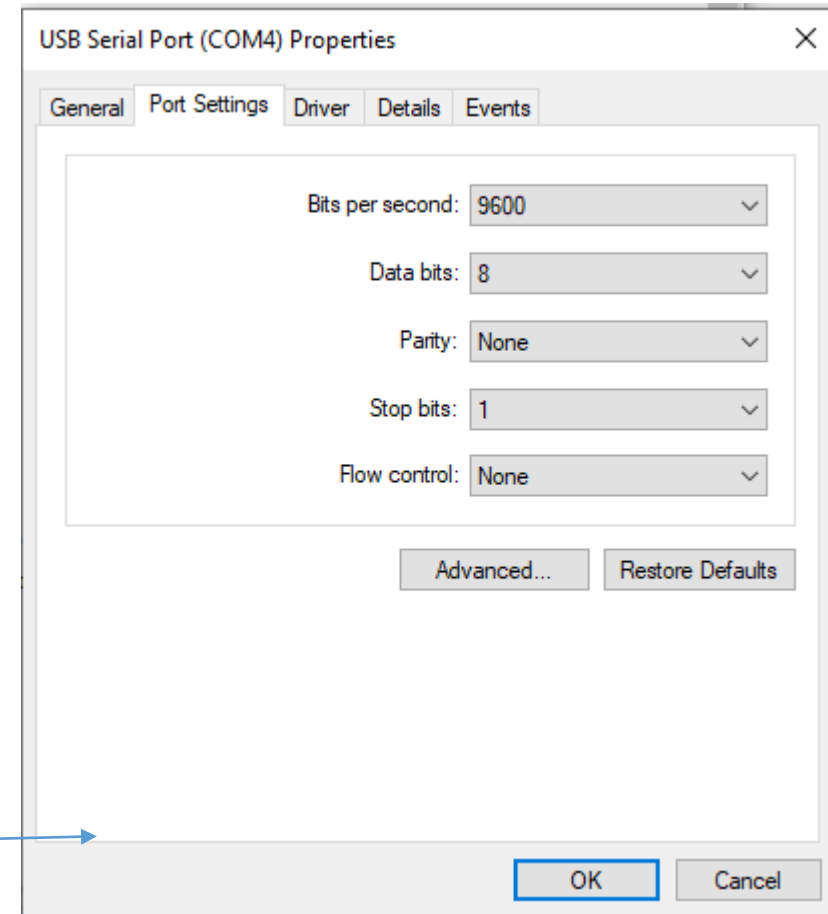
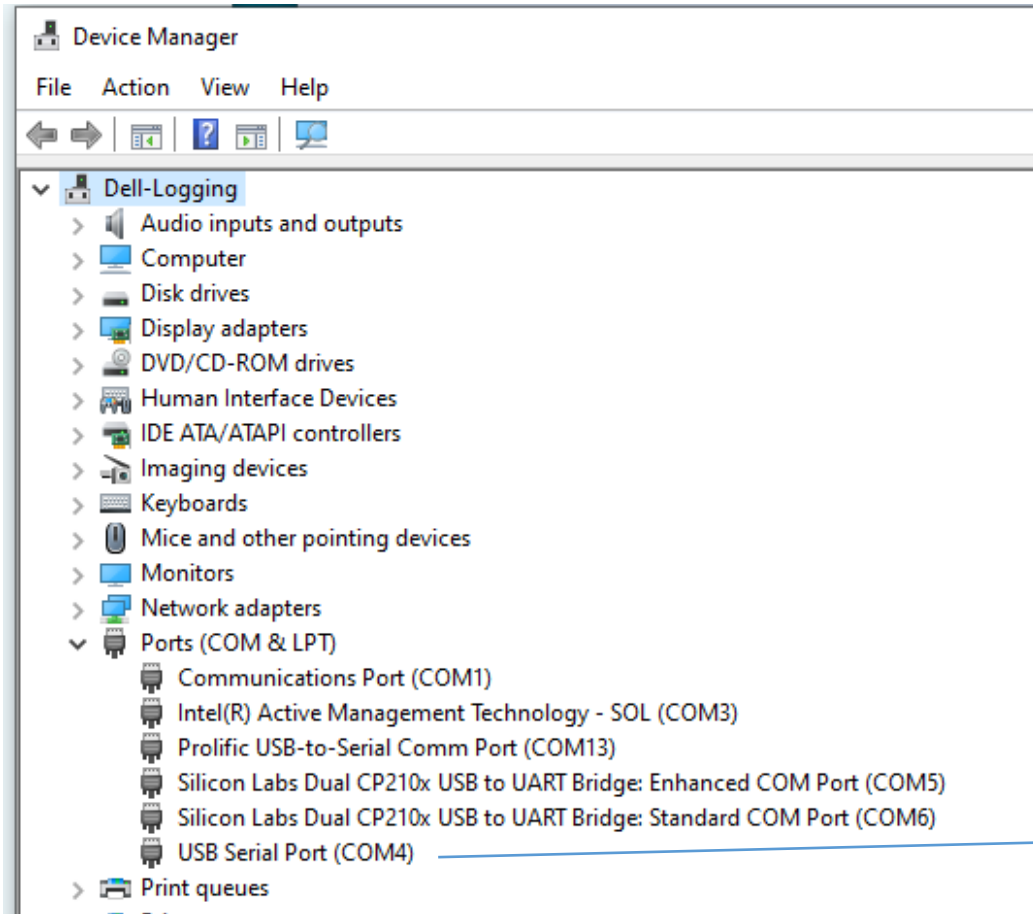
Configuration hardware



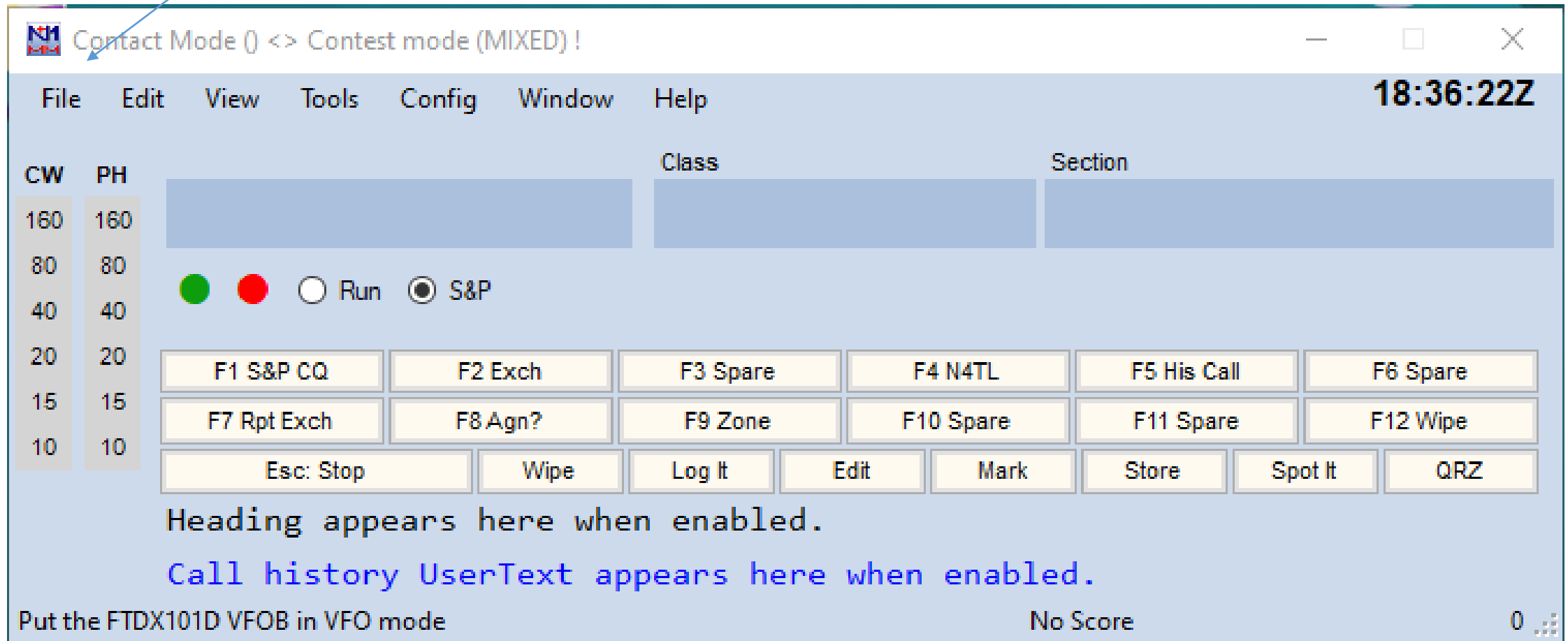
CW Keyer



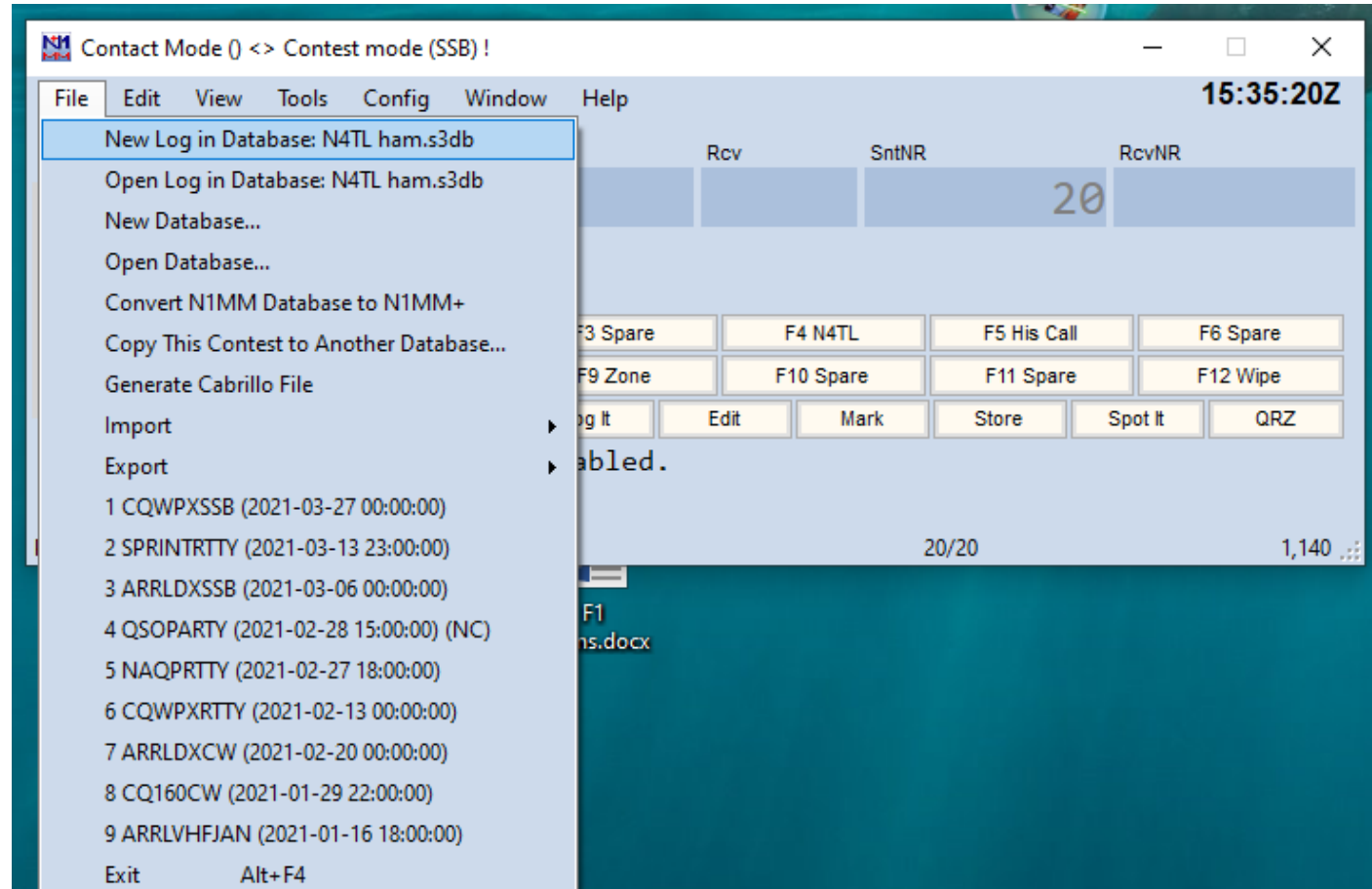
Windows device manager



Set the contest in the File dialog box



New Log for FD



Set station parameters

FD



N4TL ham.s3db

New log For: ARRL Field Day (June)

Log Type

Start Date

Use Up/Down cursor keys to see long description above.

Total number of contacts in database 5604

Contest

Category

Operator State for Log Type QSOPARTY

Band Note - the program does not validate categories. Check the contest rules for valid categories.

Power

Mode

Overlay

Station

Assisted Time Category

Transmitter

Sent Exchange Omit RST. E.g. CQWW: 05 SS: A 56 EMA

Operators

Soapbox

8A May change

8A NC



W4DW

RARS 2019

2019 ARRL Field Day ▼ Select contest

2019 ARRL Field Day

Displaying entries for **Call sign=W4DW**

Entries 1 to 1 of 1 listed

#	Call	Score	Category	QSOs	Power Mult	GOTA Call	Section	Participants	Club
1	W4DW	6,776	8A	1,724	2	W4RAL	NC	72	Raleigh ARS

2020 ARRL Field Day ▼ Select contest

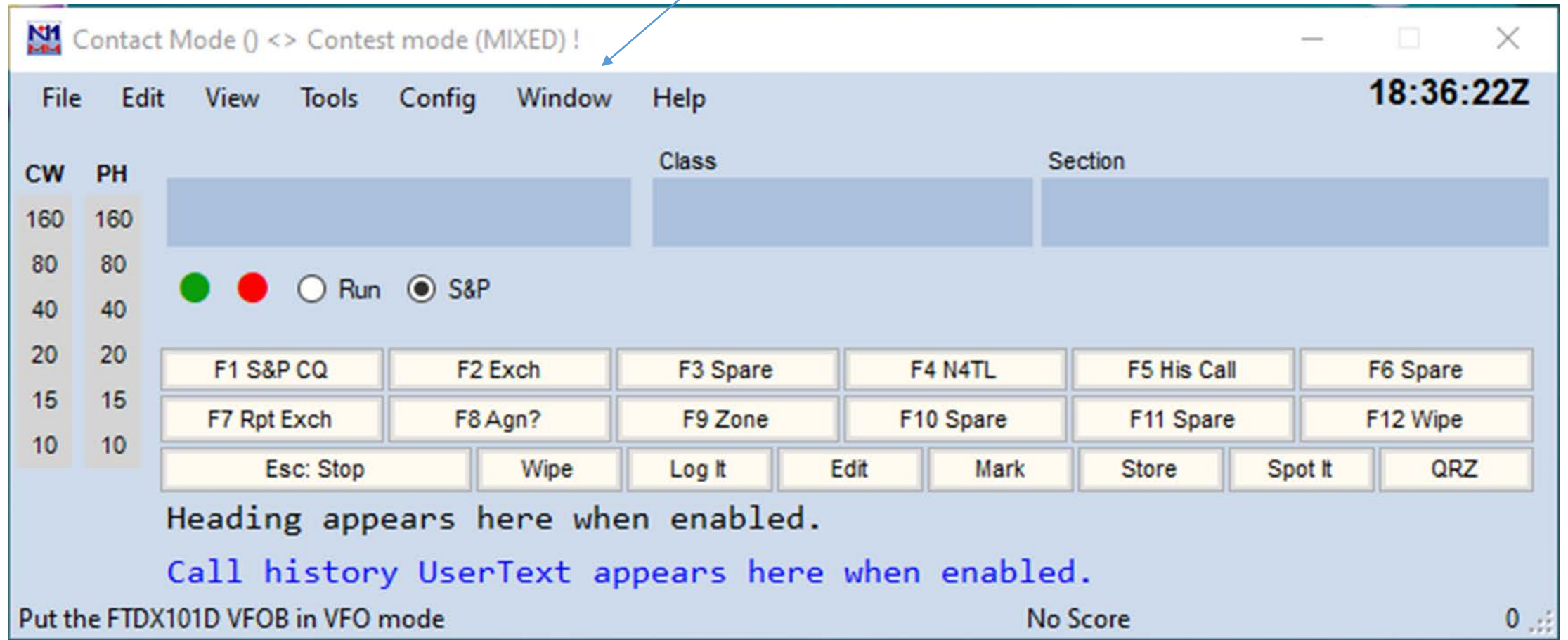
2020 ARRL Field Day

Displaying entries for **Call sign=N4TL**

Entries 1 to 1 of 1 listed

#	Call	Score	Category	QSOs	Power Mult	GOTA Call	Section	Participants	Club
1	N4TL	270	1D	120	1		NC	1	Raleigh ARS

Turn on Band map and the log
in the Window dialog box



FTDX101D VFO A

7029.97 SH/DX Wide CQ

RIT 0.00 XIT CW

7021

7022

7023

7024

7025

7026

7027

7028

7029

7030 OZ3SM 40° New
K5AX 258°

7031

7032 K4RO 287°
W8FN 287°
VE3NNT 12°

7033 NW3Y 34°
WJ9B 281° New
AA8TA 326° New

7034 VE3RIA 350°
KC7V 274° New

7035

7036 WG3J 24° New
SE0B 34° New
EA1X 61° New
9A5MX 49°

7037 N4BA 240° New
N7US 308° New

7038 M0RYB 46°
AC6ZM 326° New

7039

CW

- Shortcut stations.txt

5/12/2021 13:26:59Z ARRL Field Day (June) - N4TL ham.s3db

MM-DD	HH:MM	Call	Freq	M...	E...	Sect	Pts
05-11	18:36	N2ABC	14048.97	USB	1D	NNY	1
05-11	23:09	N2ABC	7068.00	LSB	1D	NNY	1
05-12	00:16	KP2BH	7074.00	LSB	1E	VI	1
05-12	00:18	N1MMS	7063.64	LSB	1D	NNY	1
05-12	00:26	N4KK	7067.30	CW	1D	NC	2

7029.97 CW FTDX101D VFO A

13:26:59Z

File Edit View Tools Config Window Help

CW PH K5AX Class Section

160 160

80 80

40 40

20 20

15 15

10 10

Run S&P 46

F1 Qrl? F2 Exch F3 Tu F4 N4TL F5 His Call F6 Repeat

F7 NC F8 Agn? F9 Nr? F10 Call? F11 TOM F12 Wipe

Esc: Stop Wipe Log It Edit Mark Store Spot It QRZ

Hdg 258° LP 78° 1132mi 1822km

Call history UserText appears here when enabled.

K: NA/UNITED STATES, Zn 4

5 6

Test Logging

- Enter a dummy QSO in the Entry window

The screenshot shows the 'Entry' window of the N1 14250.00 USB Manual - VFO A software. The window has a menu bar with File, Edit, View, Tools, Config, Window, and Help. Below the menu bar, there are three input fields: PH (160, 80, 40, 20, 15, 10), Class (1F), and Section (PAC). The PH field is highlighted with a blue background. Below these fields are three radio buttons: Run (selected), S&P, and a third button. Below the radio buttons is a grid of 12 buttons: F1 S&P CQ, F2 Exch, F3 Spare, F4 K4XY, F5 His Call, F6 Spare, F7 Rpt Exch, F8 Agn?, F9 Zone, F10 Spare, F11 Spare, F12 Wipe. Below the grid are seven buttons: Esc: Stop, Wipe, Log It, Edit, Mark, Store, Spot It, and QRZ. At the bottom, there is a status bar with the text: Regional Hdg 278° LP 98° 2312mi 3721km, Call history UserText appears here when enabled., K: NA/UNITED STATES, Zn 3, No Score, and 0.

14250.00 USB Manual - VFO A

File Edit View Tools Config Window Help

PH 160 80 40 20 15 10

Class 1F

Section PAC

Run S&P

F1 S&P CQ F2 Exch F3 Spare F4 K4XY F5 His Call F6 Spare

F7 Rpt Exch F8 Agn? F9 Zone F10 Spare F11 Spare F12 Wipe

Esc: Stop Wipe Log It Edit Mark Store Spot It QRZ

Regional Hdg 278° LP 98° 2312mi 3721km

Call history UserText appears here when enabled.

K: NA/UNITED STATES, Zn 3 No Score 0

Use Space Bar (preferred) or Tab to go to next field
Use Enter to enter into log

ARRL / RAC Contest Section Abbreviation List

[Contest Sections List \(arrl.org\)](http://arrl.org)

1

Connecticut
Eastern Massachusetts
Maine
New Hampshire

CT
EMA
ME
NH

Rhode Island
Vermont
Western Massachusetts

RI
VT
WMA

2

Eastern New York
NYC / Long Island
Northern New Jersey

ENY
NLI
NNJ

Northern New York
Southern New Jersey
Western New York

NNY
SNJ
WNY

3

Delaware
Eastern Pennsylvania

DE
EPA

Maryland – DC
Western Pennsylvania

MDC
WPA

4

Alabama
Georgia
Kentucky
North Carolina
Northern Florida
South Carolina

AL
GA
KY
NC
NFL
SC

Southern Florida
Tennessee
Virginia
West Central Florida
Puerto Rico
Virgin Islands

SFL
TN
VA
WCF
PR
VI

5

Arkansas
Louisiana
Mississippi
New Mexico

AR
LA
MS
NM

North Texas
Oklahoma
South Texas
West Texas

NTX
OK
STX
WTX

6

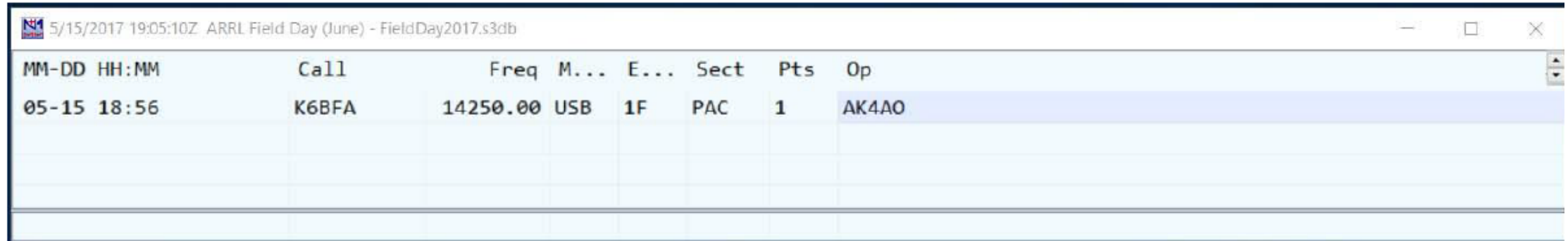
East Bay
Los Angeles
Orange
Santa Barbara
Santa Clara Valley

EB
LAX
ORG
SB
SCV

San Diego
San Francisco
San Joaquin Valley
Sacramento Valley
Pacific

SDG
SF
SJV
SV
PAC

Verify Log



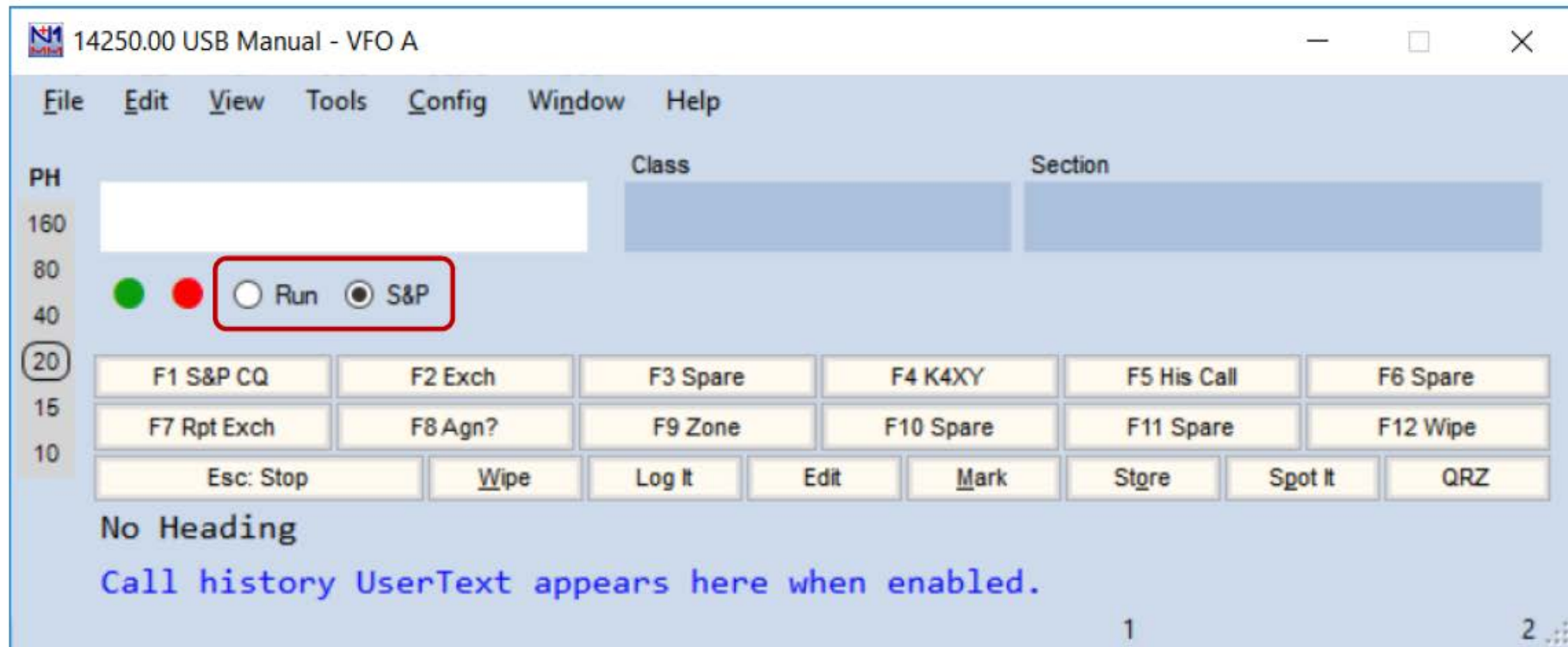
MM-DD	HH:MM	Call	Freq	M...	E...	Sect	Pts	Op
05-15	18:56	K6BFA	14250.00	USB	1F	PAC	1	AK4AO

Note that the Field Day exchange is Class and ARRL Section
Most Sections are States, but there are several exceptions
Suggest keeping a list of ARRL sections handy

Also: If the QSO isn't logged when Enter is pressed, one of the entry fields is wrong – likely the section!

Set Run or S&P

- Run = I will call CQ
- S&P = “Search and Pounce” – I will answer CQs



Use Tab or Space to move between Call box, Class and Section

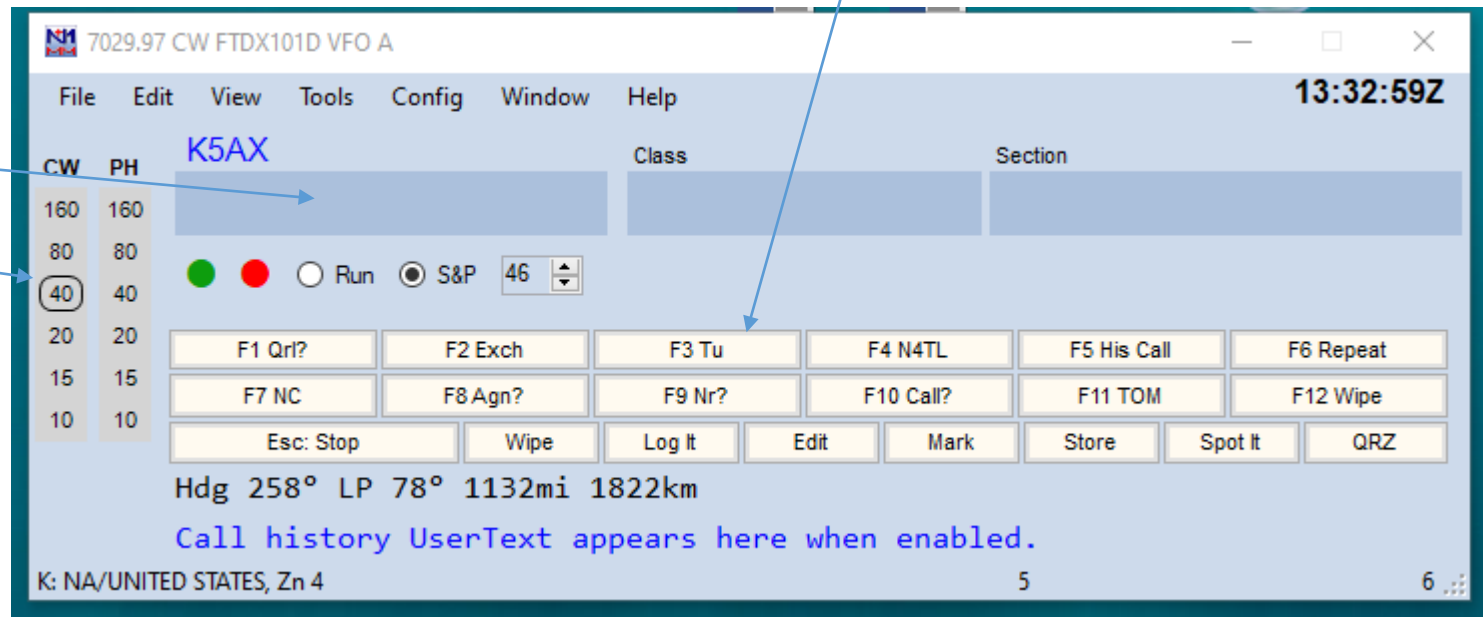
Push Enter on your keyboard to log contact

You can also click “Log It” to log the contact

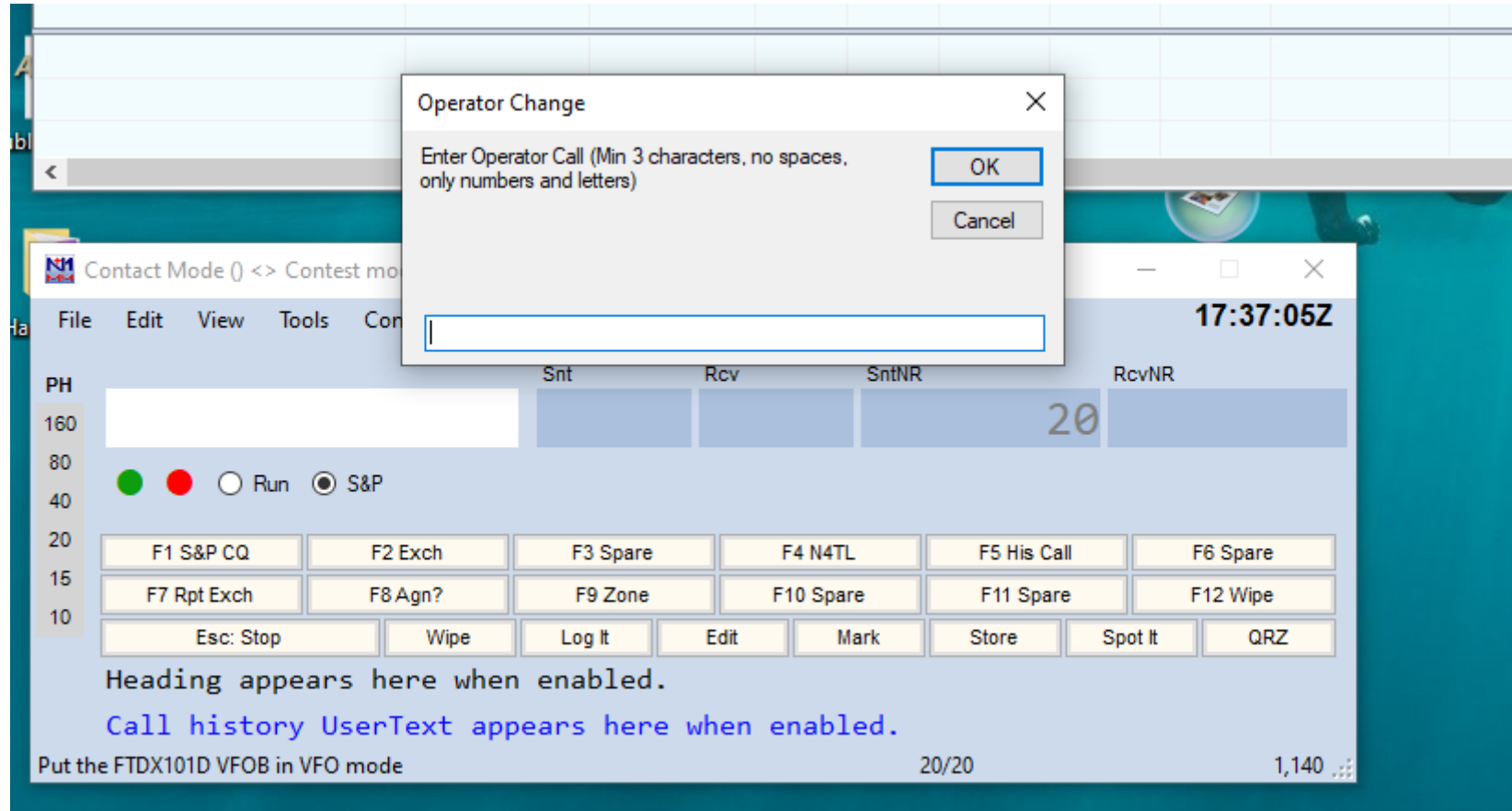
Right click to edit the function key definitions

Call box

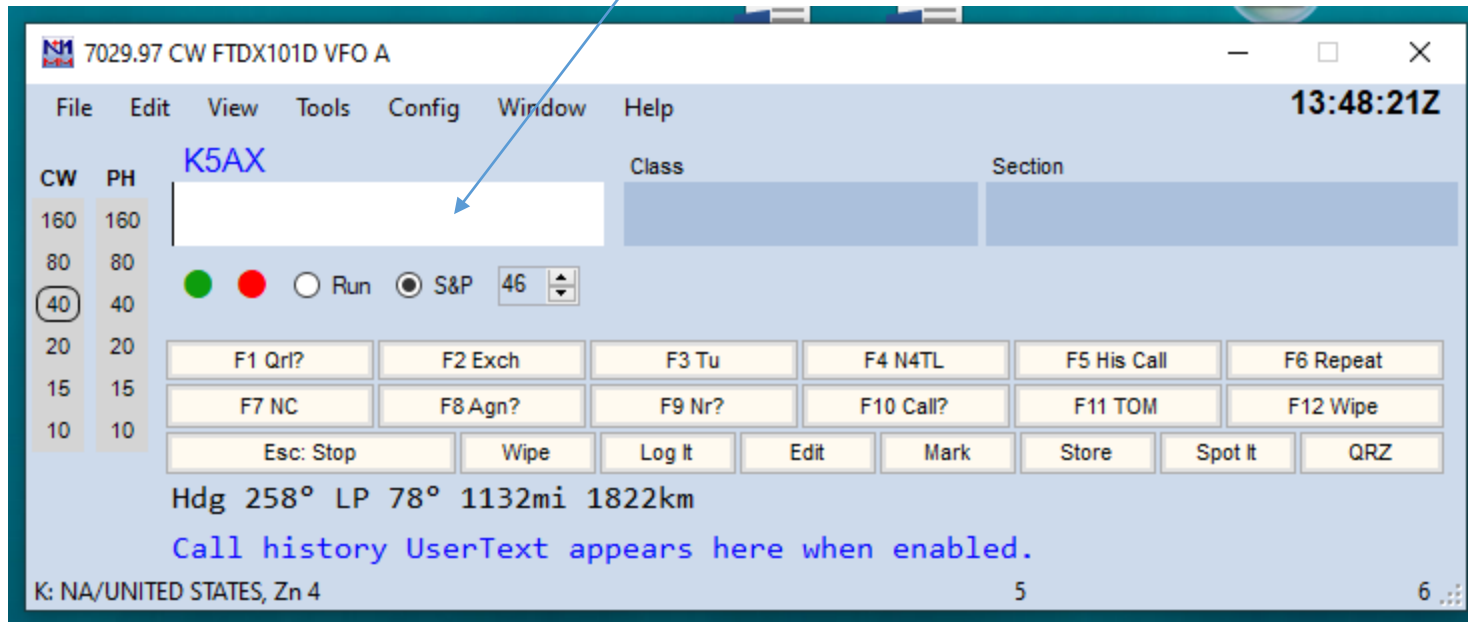
Click on band to
change band or mode



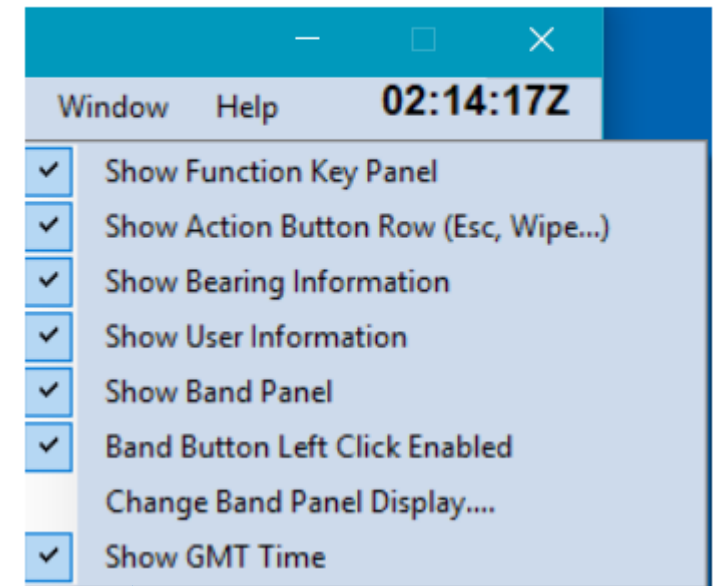
Control O for new operator.



White box has the focus
when you type the text will go here



Right-click Menu

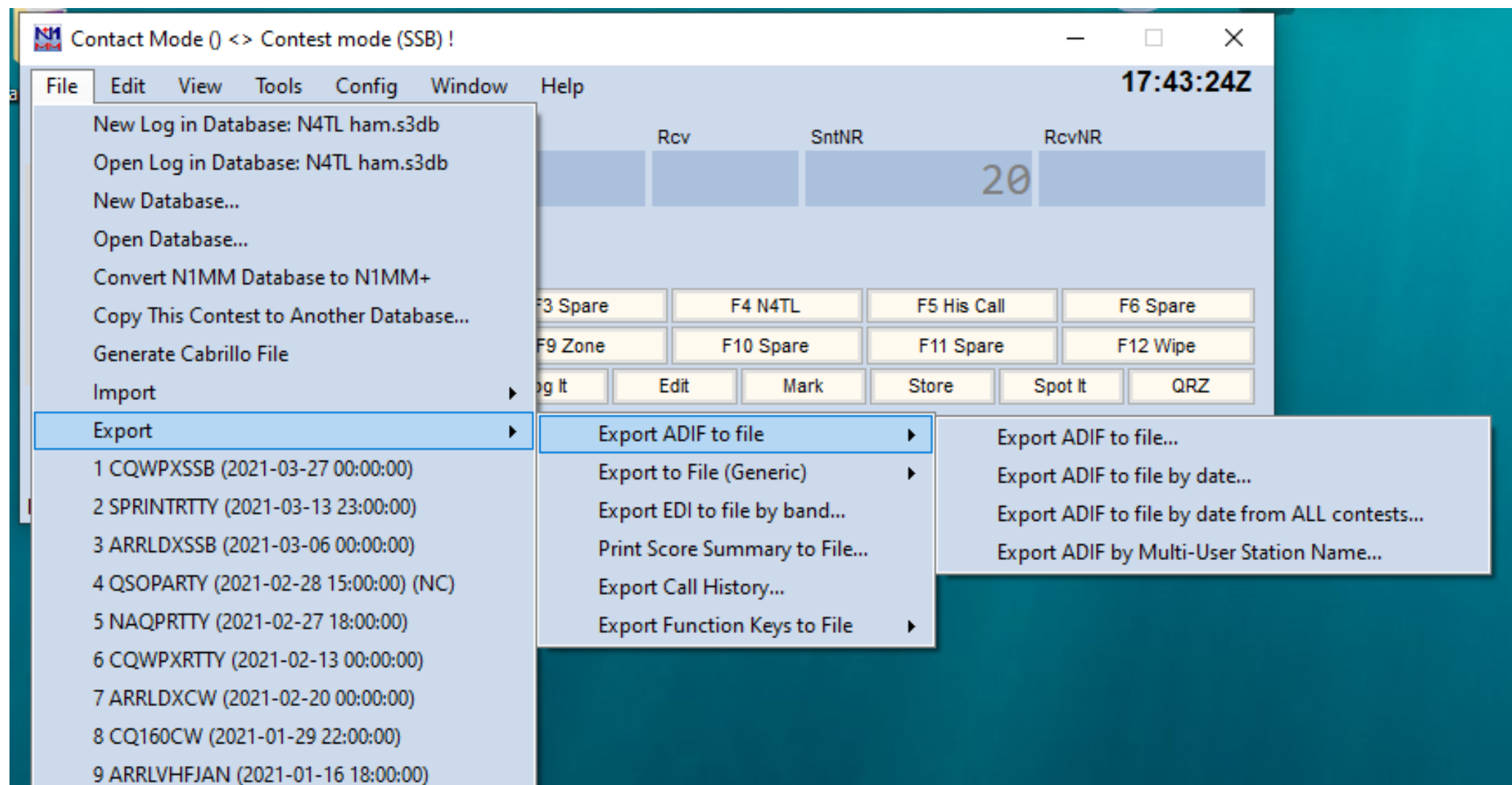


Turn on GMT time here

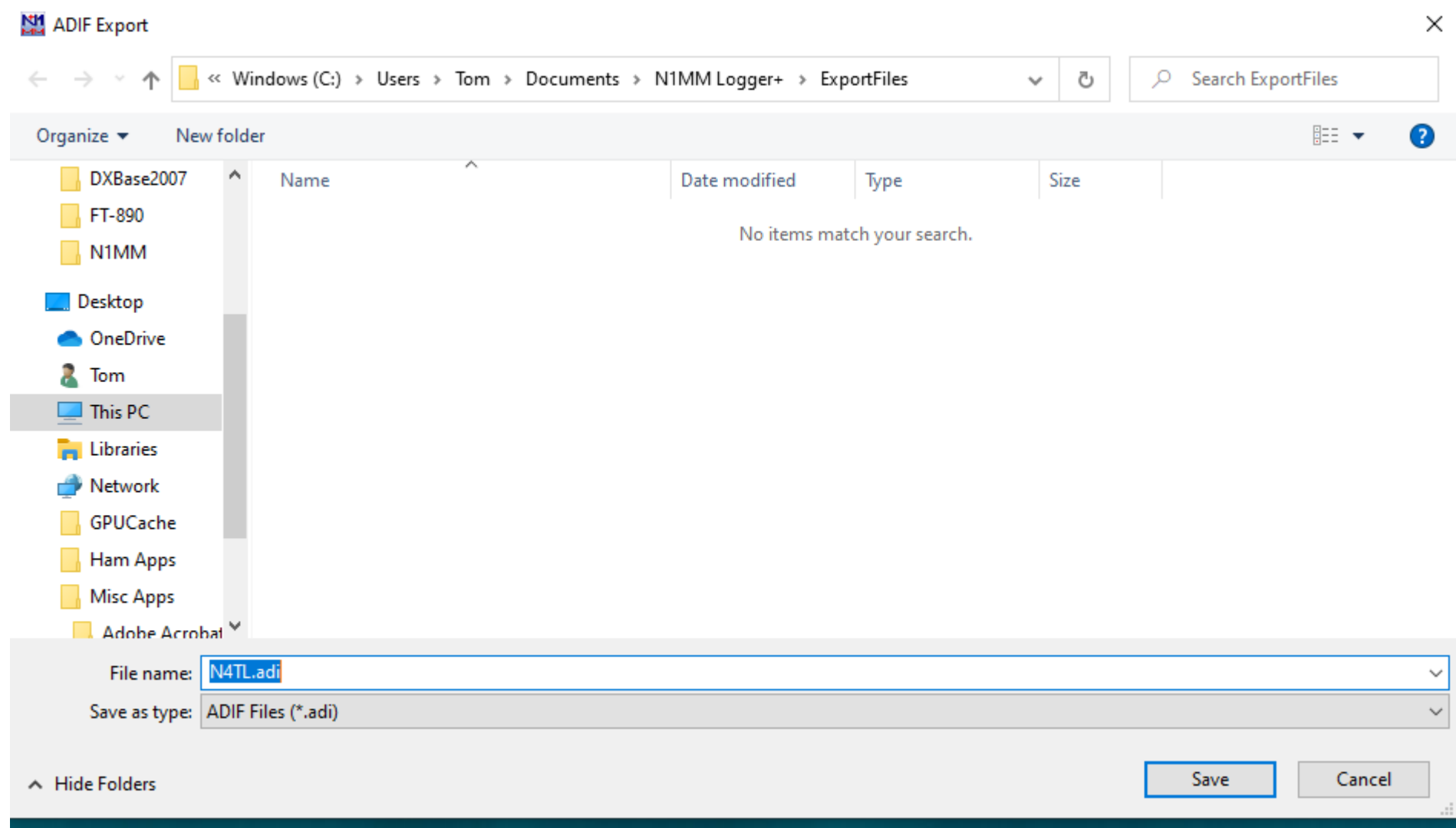
FD call history text file

- After its downloaded
- Enter a Callsign in the left entry window.
- Push the spacebar to jump to the next entry window
- N1MM will populate the Class and Section with the data in the history text file.
- This is an aid, you must make sure the class and section are correct
- More information is here
- <https://n1mmwp.hamdocs.com/setup/call-history/>

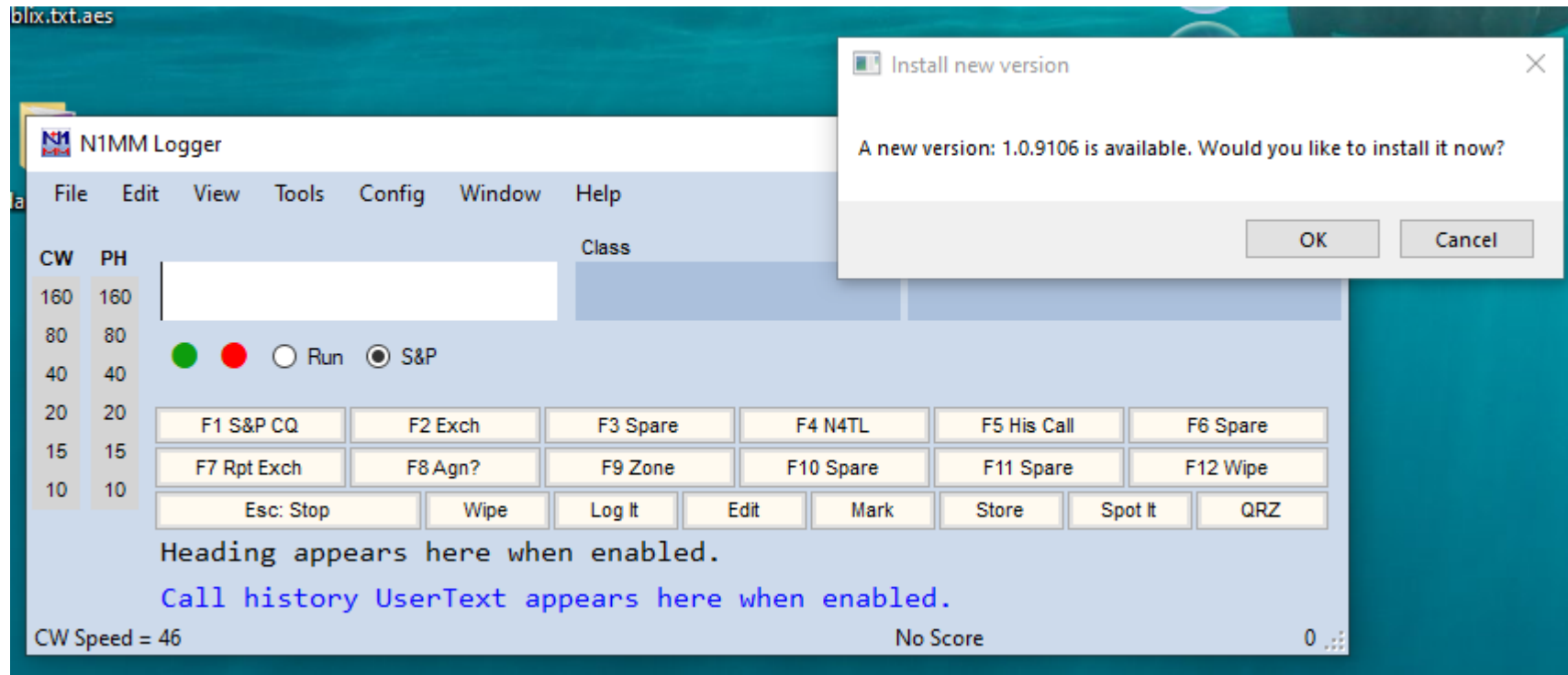
Cabrillo File and ADIF export



C:\Users\Tom\Documents\N1MM Logger+\ExportFiles



New Version



Carl Davis hint 1

- Carl said he had a problem one time where the program keep beeping at him when he tried to type. He could not enter anything.
- He said the problem was a window behind N1MM that was asking him if he wanted to do something not related to N1MM.
- The computer would not continue until he clicked in that hidden window.

Carl Davis hint 2 for a laptop

- if the laptop doesn't have a "function lock" which mine doesn't, you cant use the function keys as function keys to send in N1MM unless you also push the function button at the same time.
- I got around this by using an external key board.
- Those aren't really N1MM issues, but issues I ran into from my computer while using N1MM, so thought I'd share those with you in case you want to mention those things during your talk

June 15, 2021 RARS meeting

- Next RARS meeting
- Curt Phillips, W4CP, Field Day Chair
- With a lot more Field Day information

N3FJP Field Day logging program

- Another program that supports FD
- N3FJP's Amateur Radio Software
- <http://n3fjp.com/fieldday.html>

After the presentation updates

- Running N1MM on Linux
- <https://www.nf8m.com/nf8m/n1mm-on-linux/>
- Contest University, USB and Serial interfaces
- There is a lot of good information in this presentation.
- <https://www.contestuniversity.com/wp-content/uploads/2020/05/N6TV-Everything-You-Need-to-Know-About-USB-and-Serial-Interfaces.pdf>