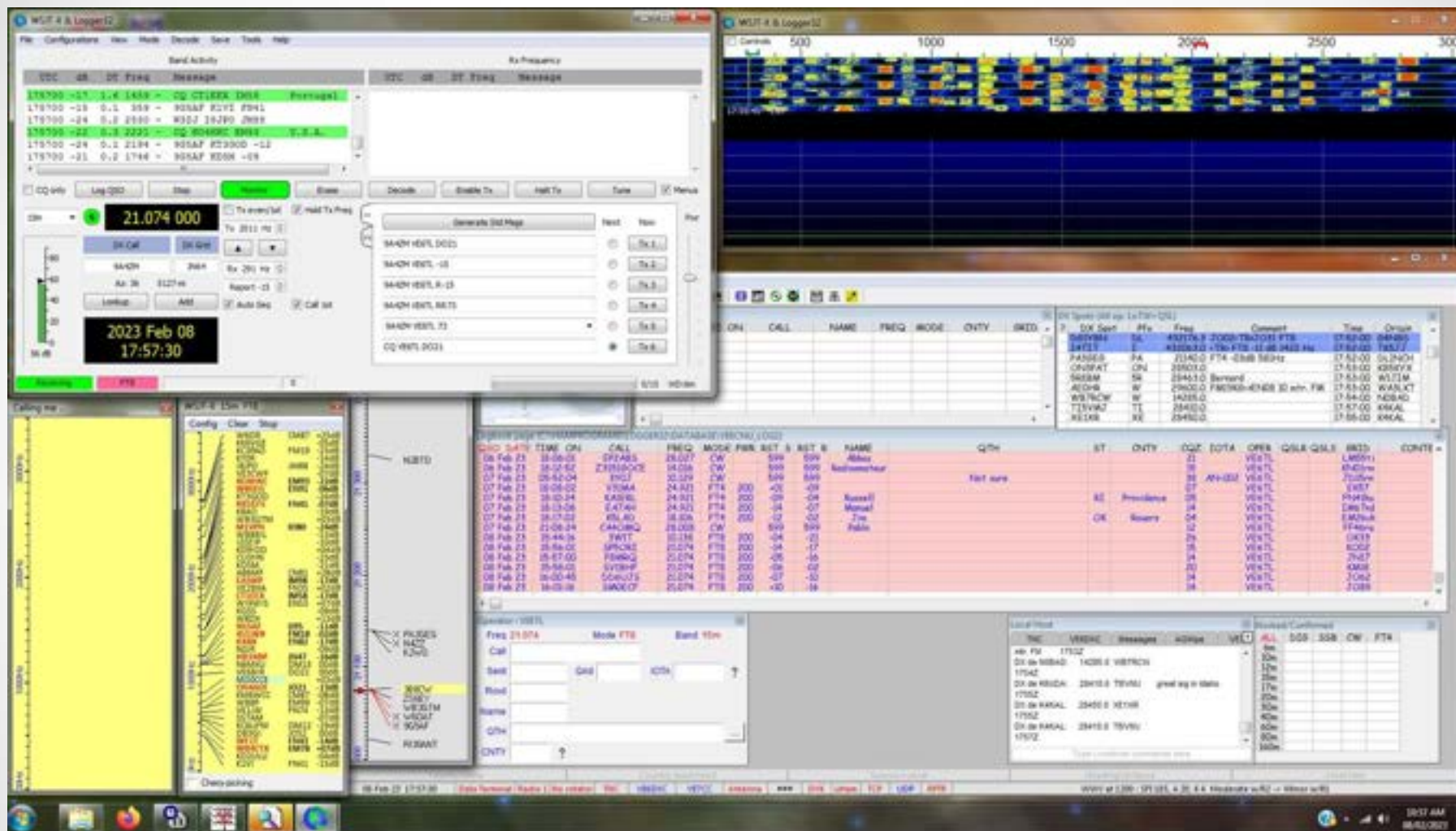


Jerry's FT8 Tips for WSJT-X

VE6TL – Feb 2023

My Display with L32 and WSJT-X on FT8



Let's now zoom in and review the WSJT menus...

Main Windows – WSJT-X

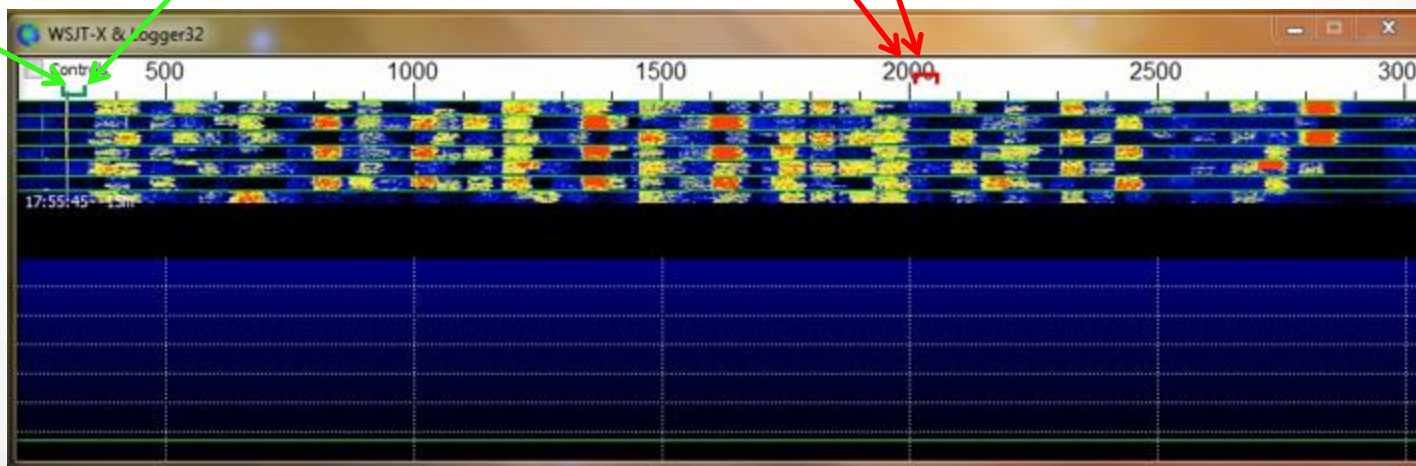
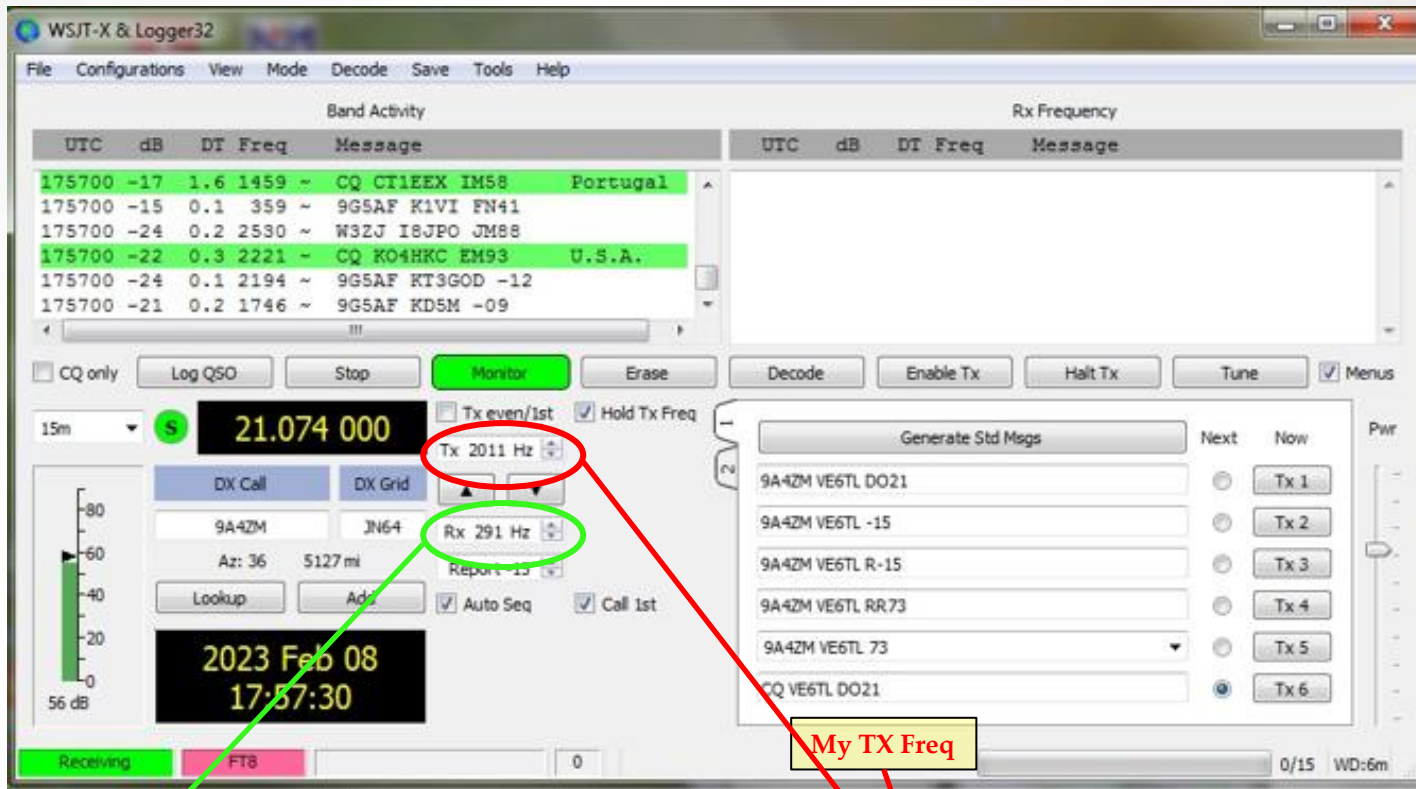
Tip: Single click “Erase” clears Rx Freq and double click “Erase” clears Band Activity too

Tip: Select “Mode” then select FT8 to set radio on that band’s FT8 frequency

Tip: Check “Hold Tx Freq” Box. This allows for separate RX and TX freq

Tip: “Shift”+ LMB independently sets TX freq

Tip: You can manually enter DX Call and Generate Std Msgs instead of selecting station in Band Activity window

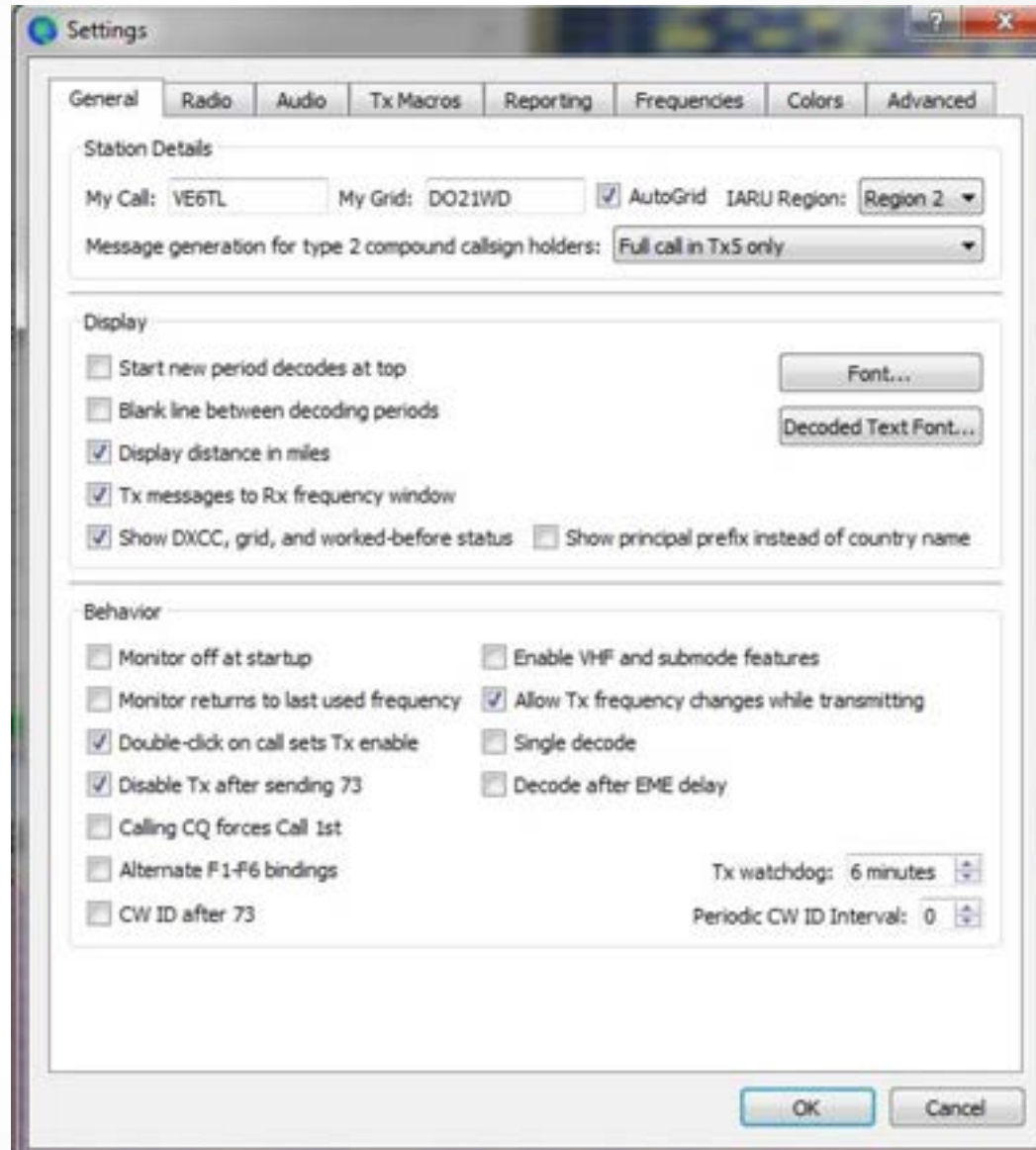


Tip: Never reply to CQ on his same freq!

Tip: Look for clear spot near top/bottom of display – usually least crowded

File ➔ Settings ➔ General

Tip: Make sure your grid square is typed in correctly!



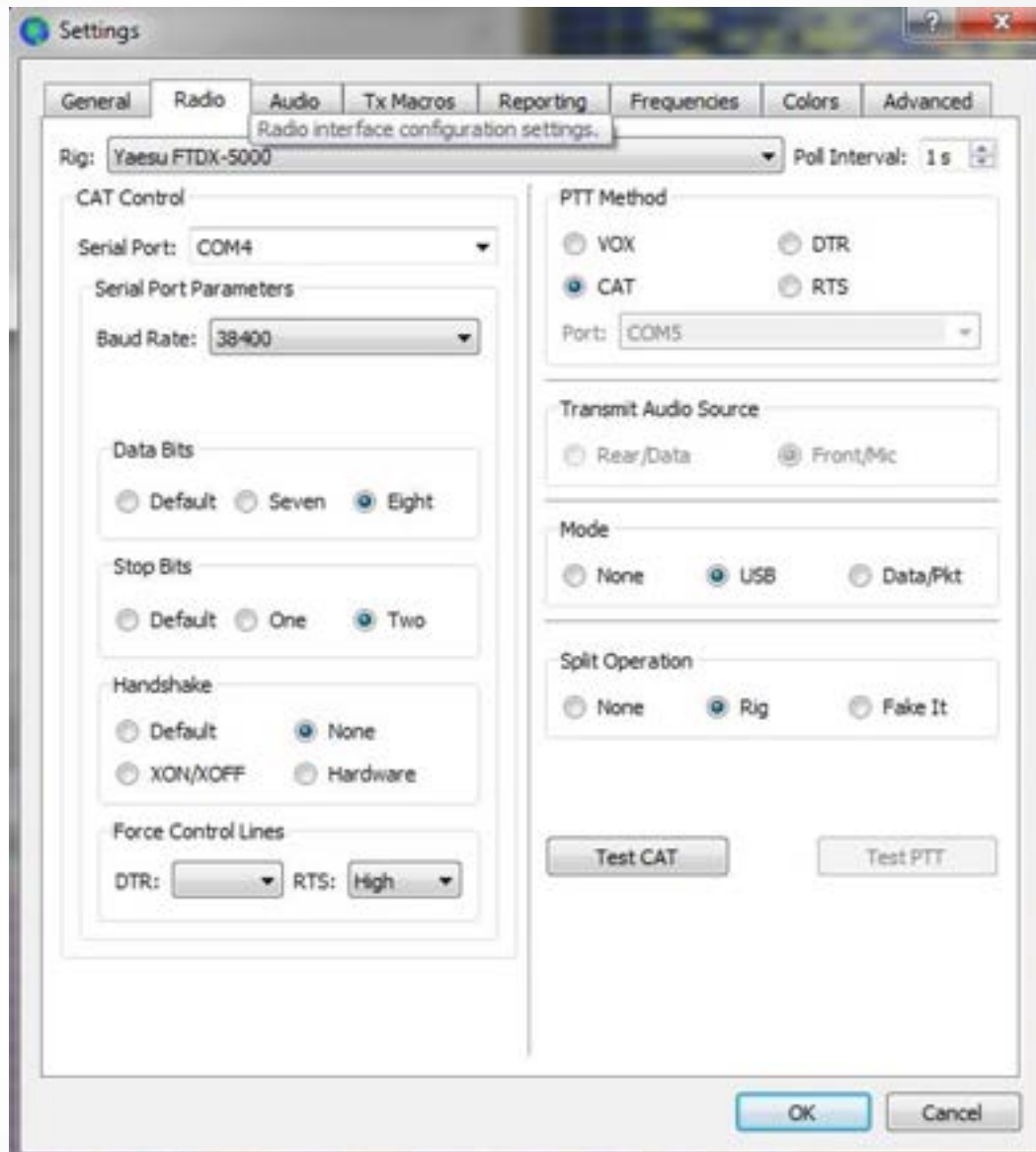
Tip: Most of these boxes are set to defaults

File ➔ Settings ➔ Radio

Settings are radio-specific. Most problems arise from choosing wrong COM port or having incorrect Baud Rate.

Tip: While you may have successful contacts with “Split Operation” set to “None”, it is best to set it to “Rig” if your rig has two VFOs (A and B).

Tip: If you wish to run F/H mode, you have to select either “**Rig**” or “**Fake It**” under “Split Operation”

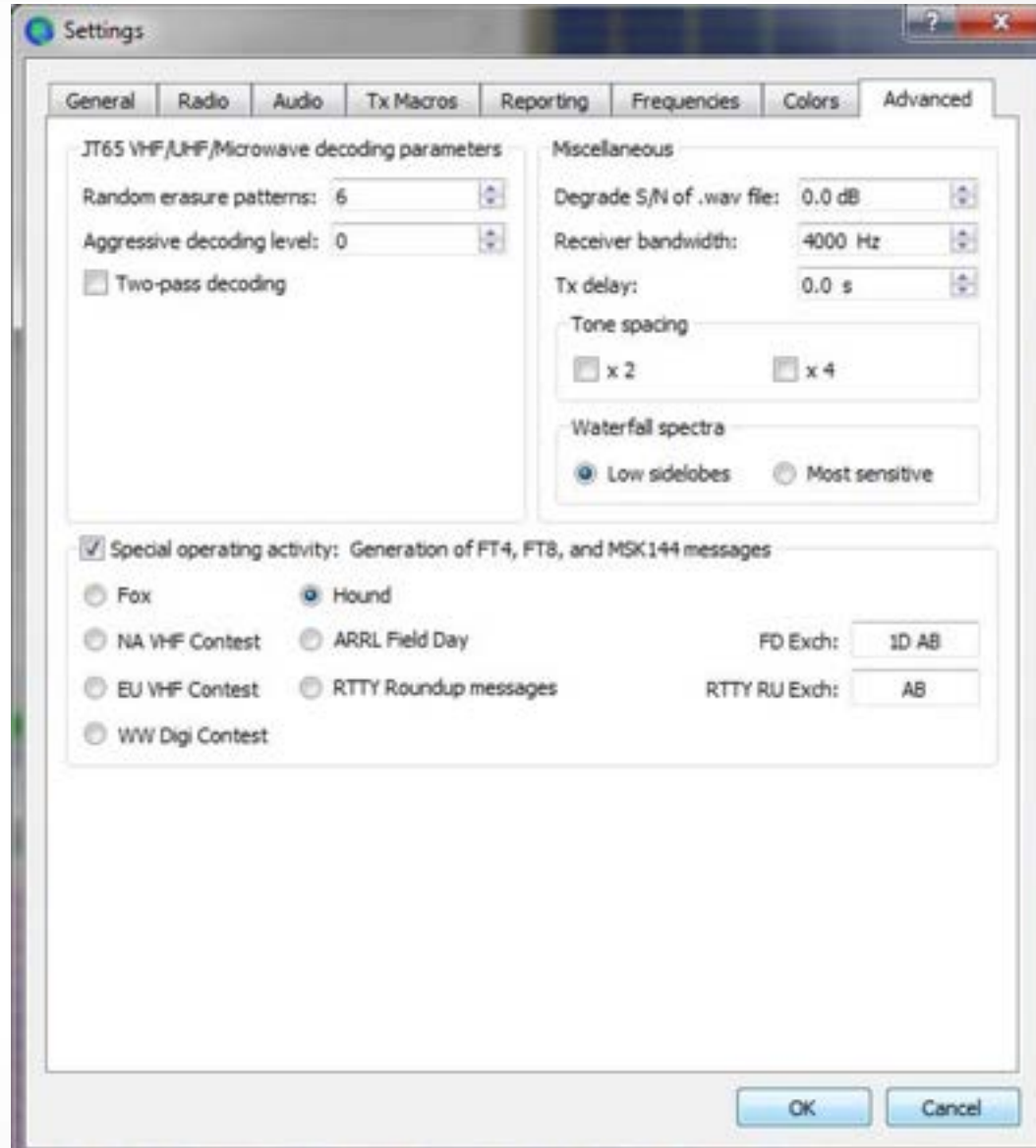


File ➔ Settings ➔ Advanced

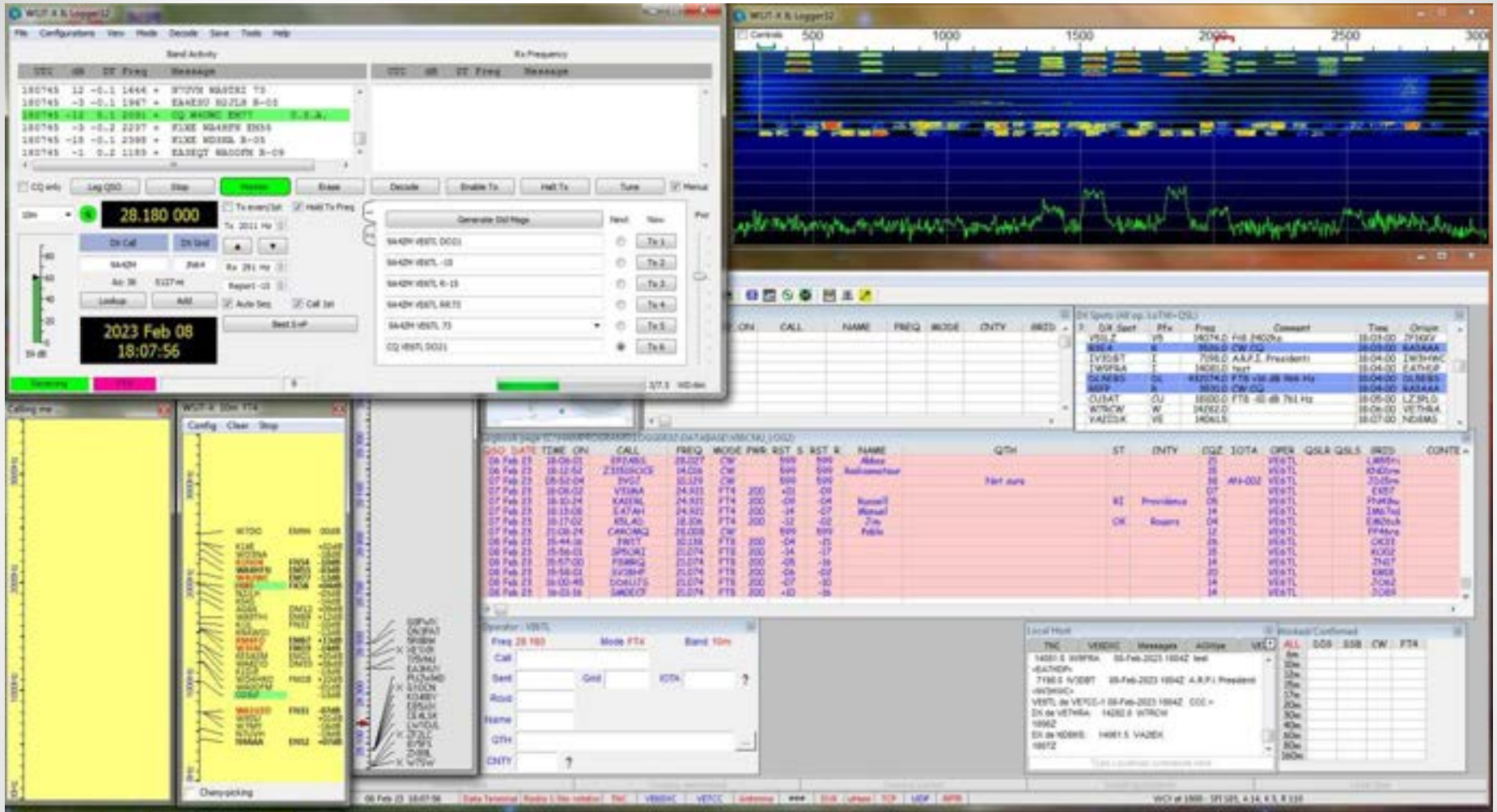
Most defaults are fine

This is where you select F/H mode

Note: F/H Mode will not work with FT4



FT4 QSO and Logger32



Entities needed on FT4 mode are highlighted in green in L32. The stations calling CQ in WSJT are also highlighted in green.

FT4 QSO and Logger32 Cont'd

WSJT-X & Logger32

File Configurations View Mode Decode Save Tools Help

Band Activity

UTC	dB	DT	Freq	Message
180837	-9	0.1	2324	+ SP9MQU K1NOX R-11
180852	-4	0.2	1989	+ MONZR HI8S 73
180852	-13	0.2	509	+ WD4HRO N7UVH RR73
180852	-13	-0.1	1296	+ F6HRP K1DJE 73
180852	-8	-0.0	1895	+ CQ KS4S FM04 U.S.A.
180852	-6	0.0	2324	+ SP9MQU K1NOX 73

Rx Frequency

UTC	dB	DT	Freq	Message
180822	-5	0.2	1989	+ MONZR HI8S FK58
180832	Tx		783	+ HI8S VE6TL DO21
180837	-2	0.2	1989	+ MONZR HI8S R-16
180845	Tx		783	+ HI8S VE6TL DO21
180852	-4	0.2	1989	+ MONZR HI8S 73
180900	Tx		783	+ HI8S VE6TL DO21

☐ CQ only ☒ Menus

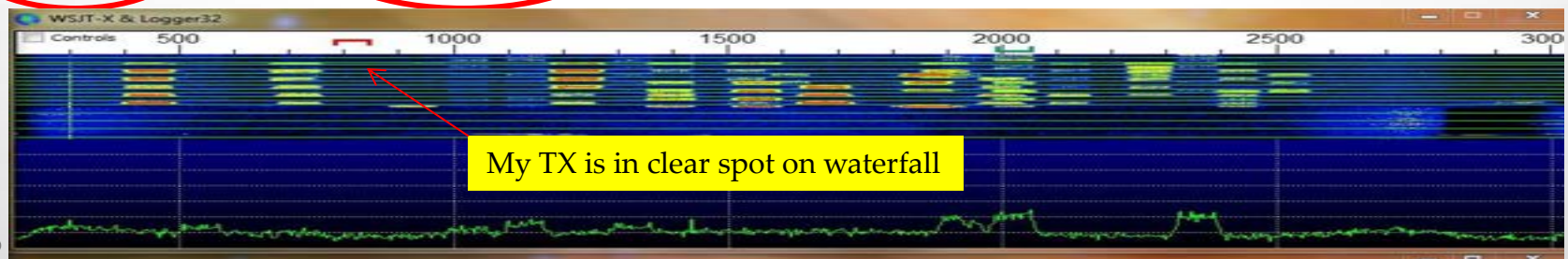
10m ☒ S **28.179 000** ☒ Tx even/1st ☒ Hold Tx Freq
Tx 783 Hz
DX Call: HI8S DX Grid: FK58
Az: 115 3330 mi
 ☒ Report -5 ☒ Auto Seq ☒ Call 1st
2023 Feb 08 18:09:03

Generate Std Msgs

Next	Now	Pwr
HI8S VE6TL DO21	☒	Tx 1
HI8S VE6TL -05	☐	Tx 2
HI8S VE6TL R-05	☐	Tx 3
HI8S VE6TL RR73	☐	Tx 4
HI8S VE6TL 73	☐	Tx 5
CQ VE6TL DO21	☐	Tx 6

Tx: HI8S VE6TL DO21 **FT4** **Last Tx: HI8S VE6TL DO21** 5 **3/7.5 WD:6m**

Shows I am calling HI8S



FT4 QSO and Logger32 Cont'd

The screenshot displays the WSJT-X & Logger32 software interface. The top menu bar includes File, Configurations, View, Mode, Decode, Save, Tools, and Help. The main window is divided into several sections:

- Band Activity:** A table showing received messages with columns for UTC, dB, DT, Freq, and Message. The messages are from various stations including G1OCN, KE5ASM, G8DCJ, PD0HLA, F5RRS, and WA1UZO.
- Rx Frequency:** A table showing received messages with columns for UTC, dB, DT, Freq, and Message. The messages are from HI8S VE6TL DO21, MONZR HI8S 73, HI8S VE6TL DO21, VE6TL HI8S -08, HI8S VE6TL R-03, VE6TL HI8S RR73, and HI8S VE6TL 73.
- Buttons:** A row of buttons including CQ only, Log QSO, Stop, Monitor, Erase, Decode, Enable Tx, Halt Tx, Tune, and a checked Menus button.
- Frequency and Mode:** A section showing the current frequency as 28.179 000 MHz and the mode as 10m. It also includes a green 'S' button and a 'Tx even/1st' checkbox.
- Station Information:** A section showing the DX Call (HI8S), DX Grid (FK58), Azimuth (115), and Distance (3330 mi). It includes a 'Lookup' button and an 'Add' button.
- Time and Date:** A section showing the date and time as 2023 Feb 08 18:09:33.
- Buttons:** A row of buttons including Tx 783 Hz, Rx 1989 Hz, Report -3, Auto Seq, Call 1st, and Best S+P.
- Generate Std Msgs:** A section with a 'Generate Std Msgs' button and a list of messages: HI8S VE6TL DO21, HI8S VE6TL -03, HI8S VE6TL R-03, HI8S VE6TL RR73, HI8S VE6TL 73, and CQ VE6TL DO21. Each message has a 'Next' button and a 'Now' button.
- Bottom Status Bar:** A section showing the current TX call (Tx: HI8S VE6TL 73), the previous TX call (Last Tx: HI8S VE6TL R-03), and the power level (3/7.5 WD:6m).

Shows I am completing QSO

Shows previous TX