

SC QSO Party Digital Modes – FT8 and FT4

The following will describe how to setup WSJT-X for SC QSO Party exchanges using FT8 and FT4. Use these steps:

1. Download WSJT-X Version 2.6.0 (or later) from <https://sourceforge.net/projects/wsjt/>

2. Open WSJT-X. Setup SCQP Configuration:

2A. Before making any changes to your WSJT-X settings, in the menu bar, click Configuration, highlight your default configuration and click Clone. This will make a copy of your existing settings to a new configuration labeled Default-Copy (Figure1).

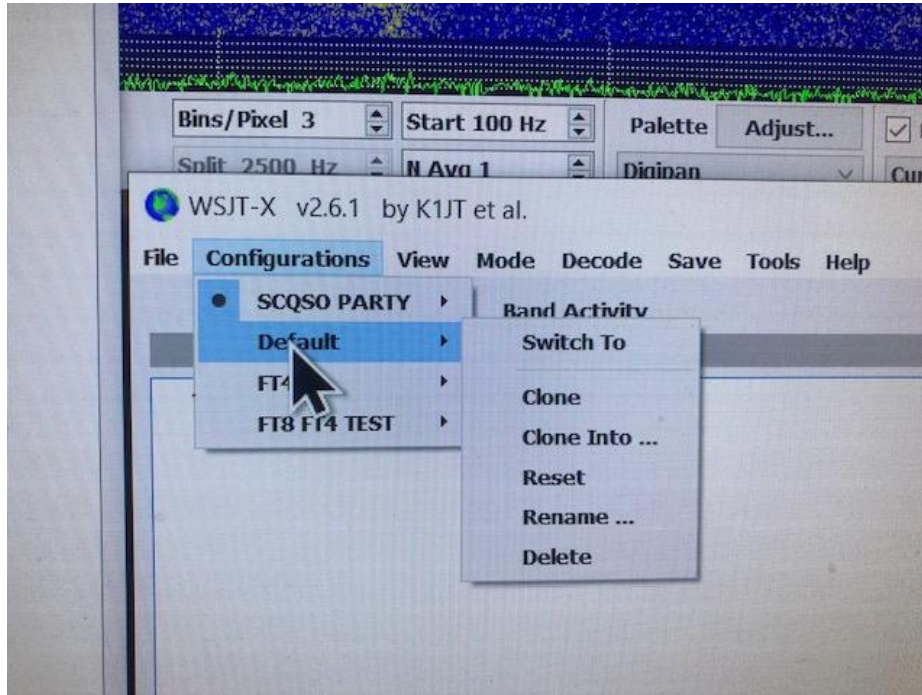


Figure 1

2B. Change the name of the Default-Copy configuration by clicking Configuration in the menu Bar, Highlight Default-Copy and select Rename, then enter a new name, i.e., SCQSO Party

2C. Change to the SCQSO Party configuration by clicking Configuration in the menu bar, then highlight SCQSO Party and select “Switch To.” WSJT-X will now restart with the new configuration.

3. Make sure you can successfully test WSJT-X rig control by opening File, Settings, Radio and then click “Test CAT Button”. A successful test will turn the Test CAT button green. Also test the “Test PTT” button. A successful test will turn the “Test PTT” button red, check radio for TX activity. Stop/cancel “Test PTT” by clicking button again. See (Figure 2) below.

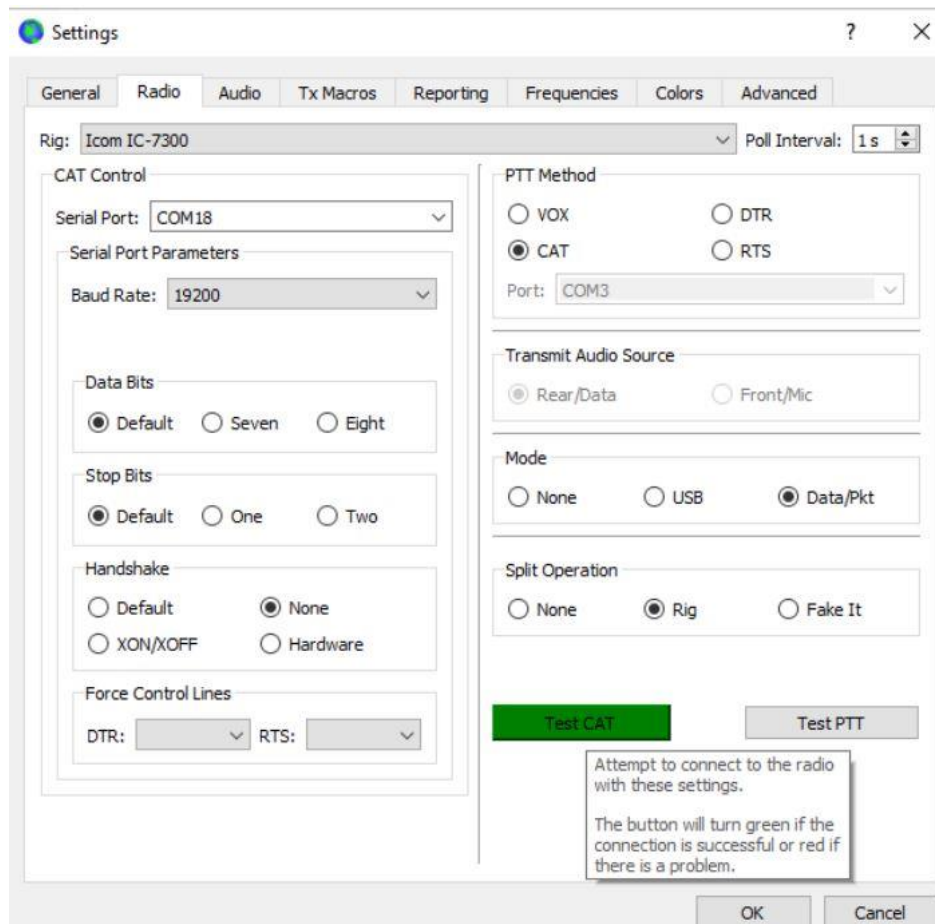


Figure 2

ADVANCED TAB SETTINGS

ALL FT8 and FT4 stations operating in the SCQSO Party will use the WSJT-X “ARRL Field Day” Special Activity Option in the Advanced Tab section.

There are different settings for “SOUTH CAROLINA” stations starting on page 3 and “OUT-OF-STATE” stations starting on page 4.

“SOUTH CAROLINA” Advanced Tab Settings (Figure 3)

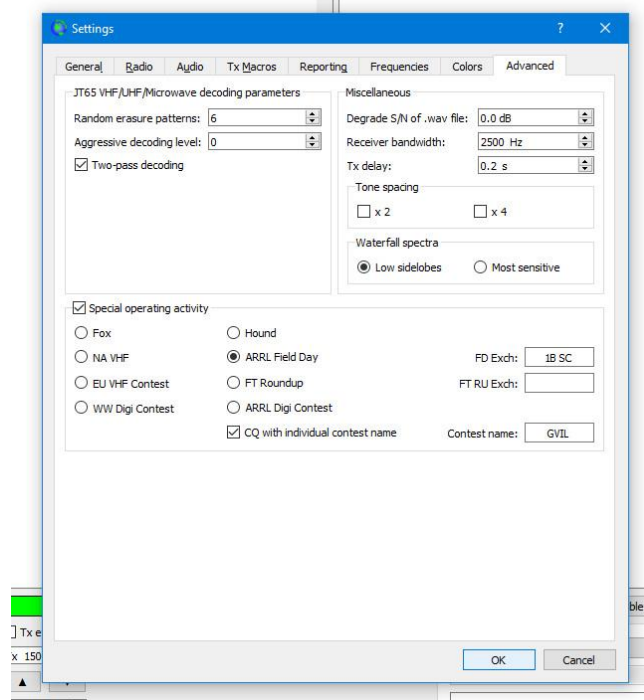


Figure 3

1. Check the **“Special operating activity”** box.
2. Check the **ARRL Field Day** option.
3. All SC stations will need to replace the typical Field Day exchange with your county number/code from the maps/list below, i.e., “1B SC”. Enter the exchange information in **“FD Exch”**, i.e., “1B SC”.
4. Check the box for **“CQ with individual contest name”**.
5. In the **“Contest Name”** field, you will enter your 4-character county code (i.e. GVIL).
6. Click OK at the bottom of the Advanced tab which will bring you back to the main operating screen.

Your default CQ will be:

“CQ (4 letter county code) (callsign) (4-character grid square)”
Example: “CQ GVIL WN4AFP EM84” (See Figure 4)



Figure 4

IMPORTANT: BEFORE YOU BEGIN THE SCQP, GO TO WSJT-X TAB “FILE” AND SELECT “RESET CABRILLO FILE”

NOW YOU ARE READY TO WORK THE SCQP!

“OUT-OF-STATE” Advanced Tab Settings (Figure 5)

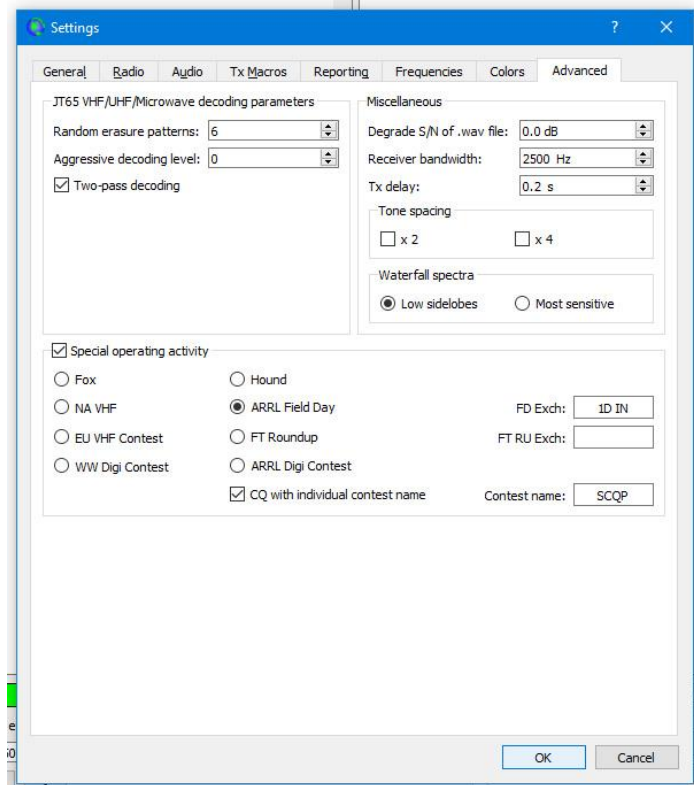


Figure 5

1. Check the “**Special operating activity**” box.
2. Check the **ARRL Field Day** option.
3. All “Out-Of-State” stations will need to replace the typical Field Day exchange with “**1D (ARRL SECTION ABBREVIATION)**”. Example: “**1D SFL**”. [CLICK HERE](#) to find your ARRL Section.
4. Check the box for “**CQ with individual contest name**”.
5. In the “**Contest Name**” field, you will enter “**SCQP**”.
6. Click OK at the bottom of the Advanced tab which will bring you back to the main operating screen.

Your default CQ will be:

“CQ SCQP (callsign) (4-character grid square)”

Example: “CQ SCQP WB9CIF EM69” (See Figure 6)



Figure 6

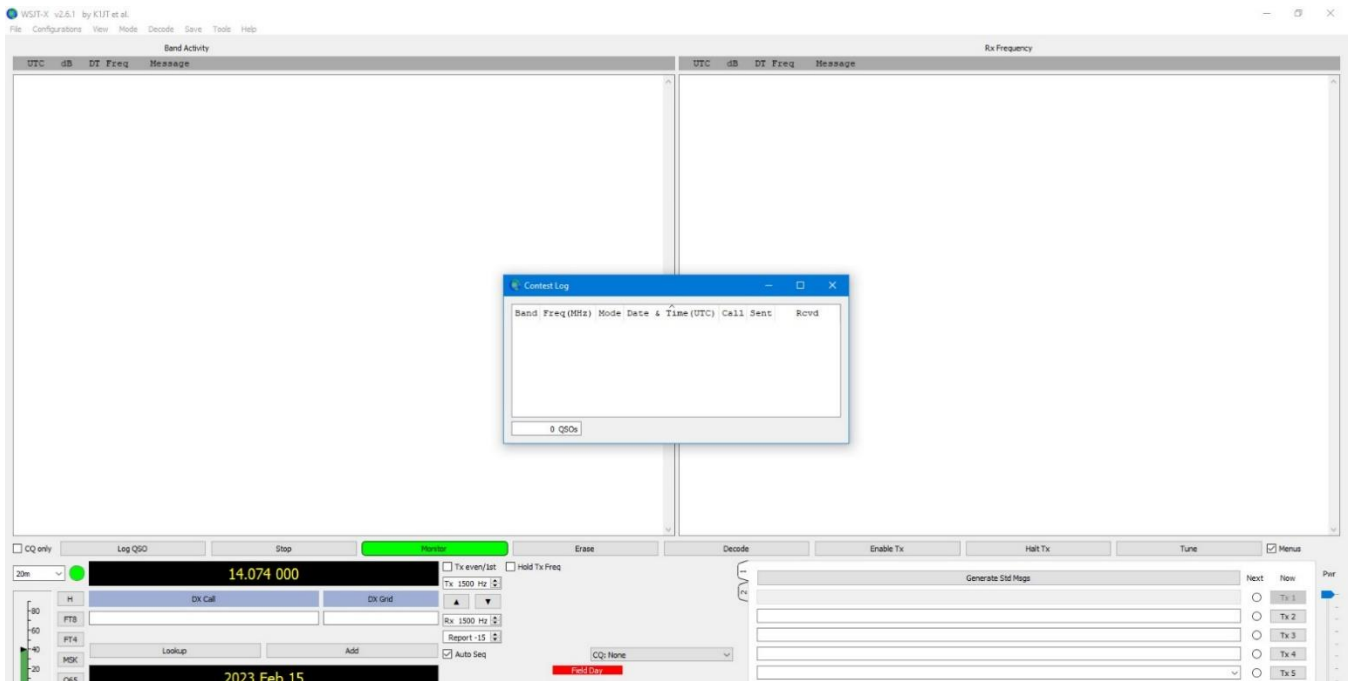


Figure 7

WSJT-X CABRILLO LOG

After you click OK (**Figure 7**), WSJT-X will open a Cabrillo contest log window. Use this log exclusively to prepare and send your Cabrillo log for FT8/FT4 QSOs. All other digital modes such as JS8CALL, VARACHAT, RTTY, PSK, etc. must be logged by different software (not WSJT-X). This is software you normally use for Phone/CW/Digital contest logging, i.e. N3FJP

IMPORTANT: BEFORE YOU BEGIN THE SCQP, GO TO WSJT-X TAB “FILE” AND SELECT “RESET CABRILLO FILE”

NOW YOU ARE READY TO WORK THE SCQP!

South Carolina Counties-Numerated

1A - Abbeville (ABBE)
2A - Aiken (AIKE)
3A - Allendale (ALLE)
4A- Anderson (ANDE)
5A - Bamberg (BAMB)
6A - Barnwell (BARN)
7A - Beaufort (BEAU)
8A - Berkeley (BERK)
9A - Calhoun (CHOU)
10A - Charleston (CHAR)
11A - Chester (CHES)
12A - Chesterfield (CHFD)
13A - Cherokee (CKEE)
14A - Clarendon (CLRN)
15A - Colleton (COLL)
16A- Darlington (DARL)
17A - Dillon (DILL)
18A - Dorchester (DORC)
19A - Edgefield (EDGE)
20A - Fairfield (FAIR)
21A - Florence (FLOR)
22A - Georgetown (GEOR)
23A- Greenwood (GWOD)

1B - Greenville (GVIL)
2B - Hampton (HAMP)
3B - Horry (HORR)
4B - Jasper (JASP)
5B - Kershaw (KERS)
6B - Laurens (LAUR)
7B - Lee (LEE)
8B - Lexington (LEXI)
9B - Lancaster (LNCS)
10B - Marion (MARI)
11B - Marlboro (MARL)
12B - McCormick (MCOR)
13B - Newberry (NEWB)
14B - Oconee (OCON)
15B - Orangeburg (ORNG)
16B - Pickens (PICK)
17B - Richland (RICH)
18B - Saluda (SALU)
19B - Spartanburg (SPAR)
20B - Sumter (SUMT)
21B - Union (UNIO)
22B - Williamsburg (WILL)
23B - York (YORK)