

FT8 DIGITAL MODE – For Field Day version 5 6/18/18

By Greg W6ATB and Tim N6GP

WSJT-X General Setup:

- 1Download and install WSJT-x 1.9.x. Must be a 1.9 version.
- 2>FILE >Settings >General >CHECK the Box for (Disable Tx after sending 73)
- 3>FILE >Settings >General >UN-CHECK the Box for (CW ID after 73)
- 4>FILE >Settings >General >UN-CHECK the Box for Enable VHF/UHF/Microwave Features
- 5>FILE >Settings >Tx Macros >Add >your Class & ARRL Section & Call Letters (Example: 3A ORG W6ZE) (Also arrange for this new entry to be the Top choice in Tx Macros)
- 6For the second item in the list of macros, add “FD EXCH PSE?”
- 7Add 14090 KHz to your frequency list.

FT8 Field Day User Operation:

- 1Auto Seq = ON (CHECKED)
- 2Hold Tx Frequency ON (CHECKED)
- 3Double-Click on **Tx1 Box** label to gray out the use of **Tx1** Message
- 4In the **Tx5** Message Field: Click on the **check-mark** at right end of the Message Field and select your [Class & Arrl Section & Call Letters, Example: 3A ORG W6ZE]
- 5In the **Tx6** Message Field, enter the letters FD, <space> before your Call letters (example CQ FD W6ZE)
- 6**If you are answering a CQ (search & pounce):**
 - aShift Mouse click on a clear frequency on the waterfall
 - bClick-On, **Tx2** label {sending both Call letters & signal Rpt}
 - cWait for a response from the CQer, which will be a **Tx2** Signal Report Message. Auto sequence will automatically send a **Tx3** RRR message
 - dWait for other station to send their FD class and section message. While you are waiting,
Click-On **Tx5** message drop-down to select your [Class & Arrl Section & Call Letters] msg
 - aWhen you see their Class and section, QUICKLY Single Click **Tx5** Button to send your Class and Section

bWait for a response from the CQer, which will be his/hers **Tx5 "73"** Message (73 is used as the "I got it" ACK message. You do not need to send one.)

cDO Logging (detailed later)

1 If you are initiating a CQ (running):

aShift Mouse click on a clear frequency on the waterfall

bClick on the Call 1st box, so it is CHECKED.

cClick-On, **Tx6** label {sending CQ FD (your Call Letters)} Example: CQ FD W6ZE (make sure space between CQ and FD so that it is click-able)

dWait for a response, which will be a **Tx2** Message {receiving both Call letters & signal Rpt}

eAuto sequencing will transmit {both Call letters, R + signal Rpt}

fWait for a response, which will be his/hers **Tx5** Message

gClick-On **Tx5** label which will transmit your [Class & ARRL Section & Call Letters]

hWait for a response, { both Call letters & 73}, auto sequence sends 73

iDO Logging (in another program, on paper, or in the WSJT log below.

FT8 FD Logging:

1Click-On the **Log QSO** label Box

2Enter in the **Rpt Rcvd** field: The other Party's [Class & Arrl Section, Example: **3A** <space> **ORG**]

3If you want you can enter your [Class & Arrl Section] into the **Comments** field and CHECK the **Retain** label box

Note: If you are using the N3FJP program, a program will be written that will extract the comments from WSJT and put the class and section into an ADIF File to import into N3FJP.