WSJT-X Configuration for Yaesu FT-991

The following illustrates the configuration that I found to work for WSPR-X and the Yaesu FT-991. Version of WSJT-X is V1.6.0_RC2 r6253 running under Windows 7.

The enhanced port for the FT-991 in this example is com 4. Set WSJT-X sound settings to USB Audio CODEC.

S	ettings		?
Genera <u>l</u> <u>R</u> adio <u>Au</u> dio <u>Tx M</u> acros <u>Reporting</u>	Frequencies Colors		
Rig: Yaesu FT-991		•	Poll Interval: 1 s 🖨
CAT Control	PTT Method		
Serial Port: COM4 🗸	○ vox	<u>та</u> ()	R
Serial Port Parameters	● C <u>A</u> T	○ R <u>T</u>	s
Baud Rate: 4800 🔻	Port: COM5		\vee
	Transmit Audio So	ource	
Data Bits	Rear/Data	Erce	ont/Mic
⊖ Se <u>v</u> en	Mode		
Stop Bits	None	⊖ US <u>B</u>	○ Data/P <u>k</u> t
	Split Operation		
Handshake	None	O Rig	🔘 Fake It
○ <u>N</u> one			
Force Control Lines			
DTR: 🔻 RTS: High 🔻	Test CAT		Test PTT
	Select tab to cha	nge configuration	parameters.
			OK Cancel

Yaesu FT-991 Settings

- 031 Cat Rate change the value to 4800bps
- 033 CAT RTS ensure value is set to RTS
- 060 PC Keying Set to value to DTR
- 062 Data Mode ensure value is set to PSK

- 070 Data In Select ensure value is set to Rear
- For Windows 7 set 071 Data PTT Select ensure value is set to DTR
- 072 Data Port Select ensure value is set to USB

Manually set mode on Yaesu FT-991 to Data-USB , next set RX audio level on WSJT-X to 30 dB. Set TX level such that ALC is just not observed on the FT-991.