**Operating Key Assignments Mulit-Operator Techniques Telnet Window ALWAYS**

**Ctrl+O or OPON** Set operator call **Alt+Q** Return to CQ-frequency **Ctrl+Q** Quick edit up **Ctrl+E** Talk function

**Type CW/USB/LSB/RTTY** Change mode **Alt+F8** Return to last frequency **Ctrl+A** Quick edit down **Passing** Right click Band Button to destination band

**Type frequency in KHz** Change freq or band **Alt+F7** Set split frequency **Ctrl+M** ESM mode **Alt+Z** Set Pass freq on S&P station

**Logging Key Assignments Band Map Colors Band Map Navigation**

**Enter** Log contact **Blue**: Good QSO, not a Multiplier **Ctrl+Down Arrow** – Get next spot higher in frequency

**Space** Move thru Entry Window fields **Red**: Single Multiplier **Ctrl+Up Arrow** – Get next spot lower in frequency

**Insert** or **;** Sends His Call <F5> + Exchange <F2> **Green**: Double or better Multiplier **Ctrl+Alt+Down Arrow** – Get next MULT higher in frequency

**‘** Send TU <F3> + logs contact **Gray**: Dupe **Ctrl+Alt+Up Arrow** – Get next MULT lower in frequency

**=** Repeats last sent **Shift+Alt+Up Arrow** – Get next self-spot lower in frequency

**Question mark (?)** – Sends ?, highlights ? when reenter field  **Shift+Alt+Down Arrow** – Get next self- spot higher in frequency

**N1MM+ PJ2T 59 <serial> PJ2/W5WZ Scott Zone: CQ 9/ITU 11 Grid: FK52kg**

Mode **F1 F2 F3 F4 F5 F6 F7 F8 F9 F10 F11 F12**

Run CQ EXCH TU MY HIS PASS QRZ? AGN? Stack LogPop Name? State?

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**Message Key Assignments CW Key Assignments**

**Esc** Stop sending **Ctrl+R** Set CQ repeat time **SHIFT** Access the alternate function keys **Ctrl+K** Send manual CW from keyboard

**Ctrl+Shift+Fx** Record SSB message **Alt+R** Toggles repeat mode **PgUp/PgDn** Adjust CW speed Up/Down

**RTTY Key Assignments QTC Keys (for WAE contests)**

**Alt+T** Toggle TX – RX **Ctrl+Z** Toggle QTC mode **1, 2, 3** (sending QTCs)– Press while the Agn button is

**Alt+G** Grab callsign **Enter** Logs QTC / Sends QTC highlighted, resends the time(1), call(2) or serial (3) of previous QTC

**Ctrl+K** Toggle TX/RX, & send manual from keyboard **F3** TU & exits QTC mode **Shift+1, Shift+2, Shift+3** (receiving QTCs) – Asks for a repeat of the

**Ctrl+Arrows** Swaps from one active DI to the other DI time(1), call(2) or serial (3)

**Esc** Stop sending

**Really cool N1MM+ Macro Commands**

**@ To voice the current receive frequency -** Example: {operator}\CQ Listening.wav,@,{operator}\AndThisFreq.wav

**{VARYMSG1} {VARYMSG2}** A method for sending alternating function key messages

**Example CQ message** {VARYMSG1 &CQ \* \*&CQ CQ \* \*&3&} will send a slightly longer CQ every 3rd time.

**Example TU message** {VARYMSG2 &TU.wav&TUMYCALL.wav&4&} will send the TU.wav recorded message after a completed QSO, and send the TUMYCALL.wav recorded message containing a longer thank you message (with your call sign in phonetics, for example) only after every 4th QSO.

**Passing Multipliers Example for CW**  F11 PASS 80m,! PSE QSY {PASS 3500}{PASSMSG3500}

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