

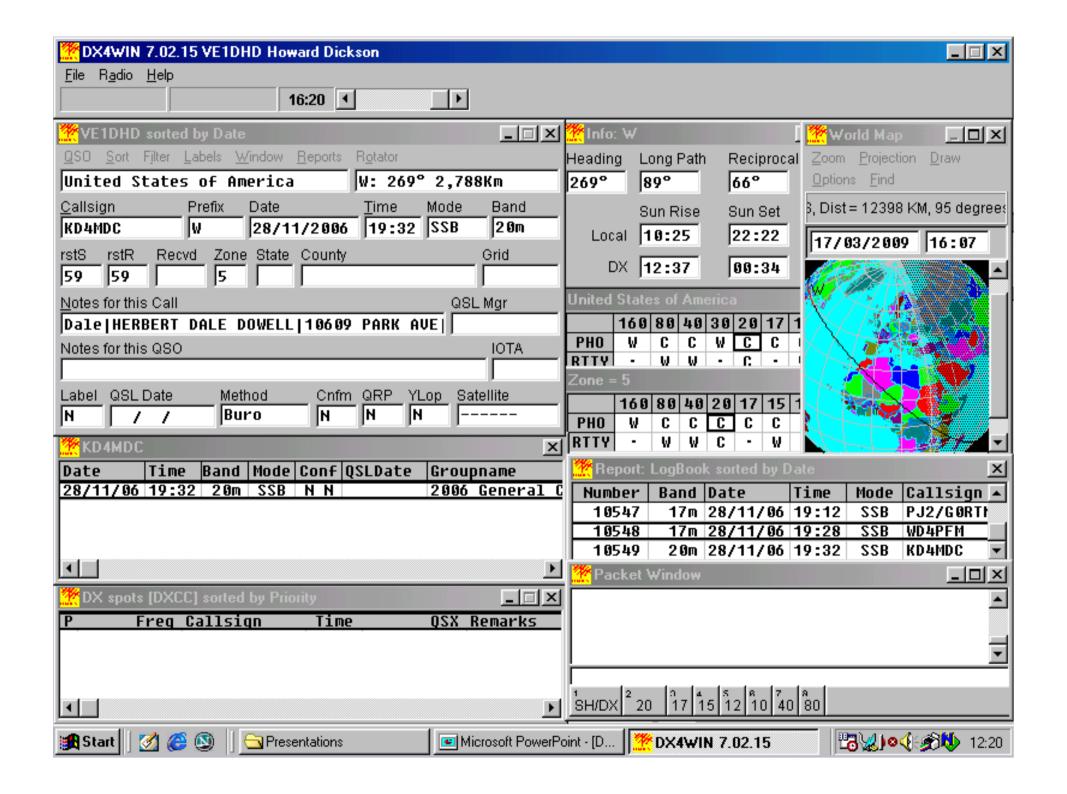
DX4Win Advanced Workshop

Halifax Amateur Radio Club 2009 Workshop Series Thursday, April 9th, 2009

Agenda

- Sorting the Log QSOs
- Group Names What are they? How are they used?
- Filters / Selections
- Multiple QSO Operations
- Labels Selecting and Printing
 - Confirm Label F2 Key usage
- Preferences
 - Radio setup
 - Radio control
 - CW
 - RTTY
 - External Data (F3)
 - Reports & QSL Card Greeting setup
- Upgrading to latest software version

 The May 2009 DX4Win Workshop



Sorting the Log

- QSO Window > Sort
 - now select the way you want the QSOs to appear in the Log Window
 - i.e. by Date Time select <Date>

Group Names

- Usage
 - Identifying a group of QSOs with a common parameter - i.e. all QSOs from a specific contest or all general contacts made in 2009
- Creating a Group Name
 - QSO > Filter > Edit Group Names
 - Type name of filer in entry field for exampleCQ WPX 2009 > ADD > OK
 - The new name is added to the bottom of the list

Group Names

- Applying Group Names
 - Adding a group name to each logged QSO
 - File > Preferences > QSO > Group
 - Enter the number for the group name that you want to apply to each logged QSO - i.e. 2009 General Contacts
 - File > Save Changes and Exit
 - Adding a group name to a number of previously logged contacts
 - See Multiple QSO Operation pg. 13

Group Names

- Adding a specific Group Name to a log that is being imported, say from a contest logging programme like N1MM i.e. CQ WPX Test 2009
- FIRST make a backup copy of your log
- File > Preferences > QSO > Group Name (enter the number corresponding to the Group Name for the contest data that is being imported then > Save & Exit
- File > Import/Export
- Import/Export Filters File > Import (identify the ADIF log file for that contest and import it.
- NOW go back to Preferences and reset the Group Number to the number for your normal 2009 contacts

Filters

- Simple Filter Search
 - F8 in an active QSO entry window
 - can search using any of the data fields
 - ? = wild card
 - VE?DHD will match VE1DHD; VE3DHD but not
 VE1HD or VA1DHD ASSUMING you have your
 search filter set for "Exact" see File > Preferences
 >QSO | Callsign = Exact
 - ! = does not (negative) & used as first character
 - Esc will cancel the filter and allow all QSOs in log to be seen

Filters

- Using Selection
 - NOTE User expertise level must be set at Advanced or Expert
 - Used to break the log up into sections or to extract a group of QSOs based on either:
 - date or date range of QSO and/or
 - Group Name

Filters

- Using Selection (cont'd)
 - QSO > Filter > Selection > ADD
 - under Current Selection All QSOs will be replaced by Change This Name
 - Now go down and check off Group Filter and/or Date Filter box
 - If searching for one or more groups, scroll through group name list and check off the ones you want (double left click)
 - If searching for a date range enter range
 - Click UPDATE > OK
 - Getting back to ALL QSOs in log
 - Current Selection > All QSOs > OK

Filters - how to use results

- Having filtered out a specific group of QSOs you could:
 - export them as an ADIF file for submission to eQSL.cc or LotW
 - identify a range of QSOs that you want to print QSL labels for - see page 14
 - use them in a Multiple QSO Operation
 Function see next page

Multiple QSO Operation

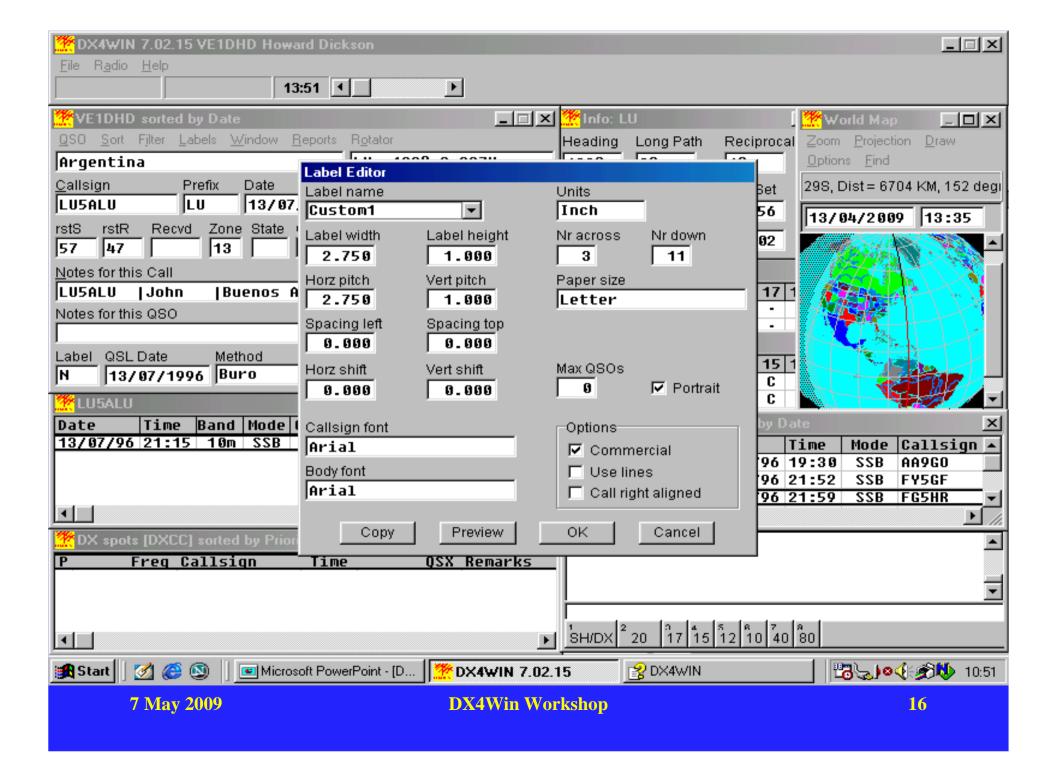
- If you want to apply a change to a number of QSOs:
 - FIRST do a backup of your data file and then reopen the original file
 - Create a Filter to select that range of QSOs
 - this could be a date range or one or more groups
 - QSO Window | QSO > Multiple QSO Operation
 - Select from the list the operation to be performed
 - Now save the file this will save the changes you have made.

Printing Labels

- Identify the QSOs to be used & set the QSO Label field to Y (yes)
 - use filter to select a range of QSOs, or
 - use F2 Key (appropriately programmed to mark individual QSOs for printing
 - File > Preferences > F2 Key > Labels (set to Yes) & select QSL route (Buro or Direct ect.)

Printing Labels

- QSO Window
 - Labels > Print QSL Labels
 - Select:
 - Current Label Type (I have created a custom label for use with Avery 08460 6.7x2.5cm labels)
 - Edit to edit label settings (see pg. 16)
 - If some labels on sheet have been used select for Missing Labels
 - Print (prints labels)
 - Mark All (markes QSOs as QSL sent on specific date)
 - Close



CW Setup – Rig Keying

Note:

Rig keying is entirely rig-dependent and often fraught with problems. As a source of specific-to-situation solutions, consult the DX4WIN Reflector archives and your rig mfr's e-group.

Procedure:

- 1. Select keying line (DTR or RTS) from CW Preferences (see pg. 19)
- 2. Determine communications baud rate
- 3. Set these parameters into Preferences/CW screen
- 4. Set the same parameters into Preferences/Radio
- 5. Access radio menus and set in same parameters
- 6. Ensure you have the correct interface cable between the rig and the computer!

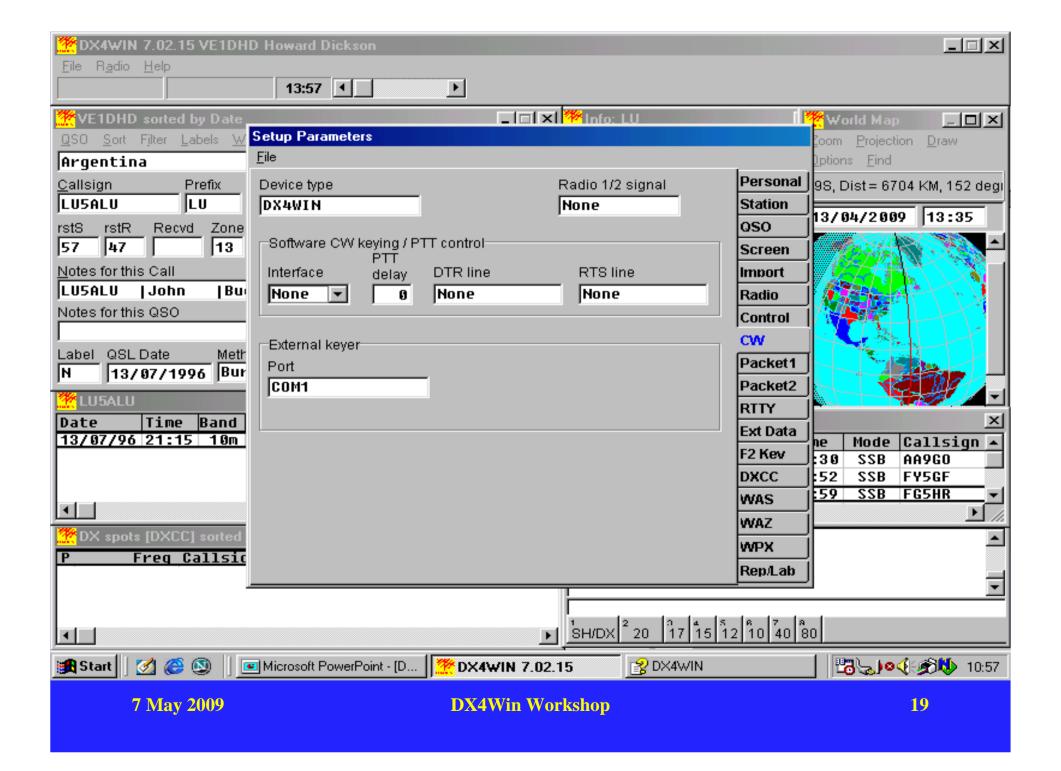
CW Setup — Using the keyboard

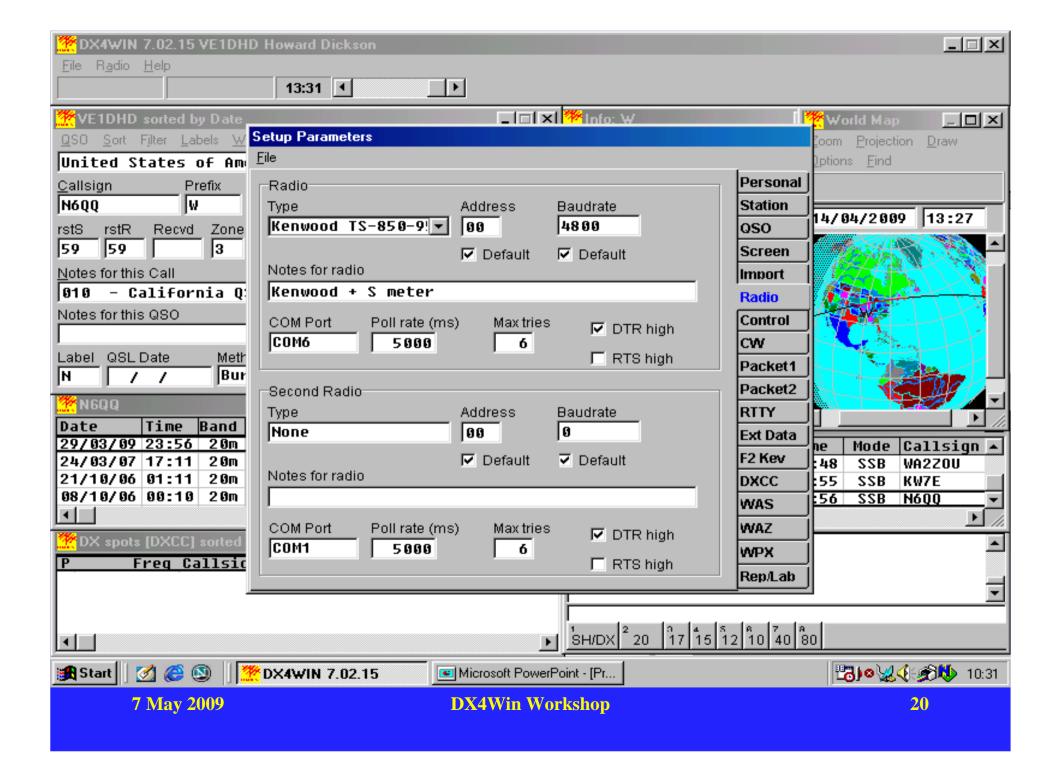
Procedure:

- 1. Open the CW Keyboard window from the Window menu
- 2. Right click in the window to find out your options regarding speed, etc.
- 3. Type directly into the message window or use pre-set function keys as desired.

WARNING from Gary VE1RGB!!!!

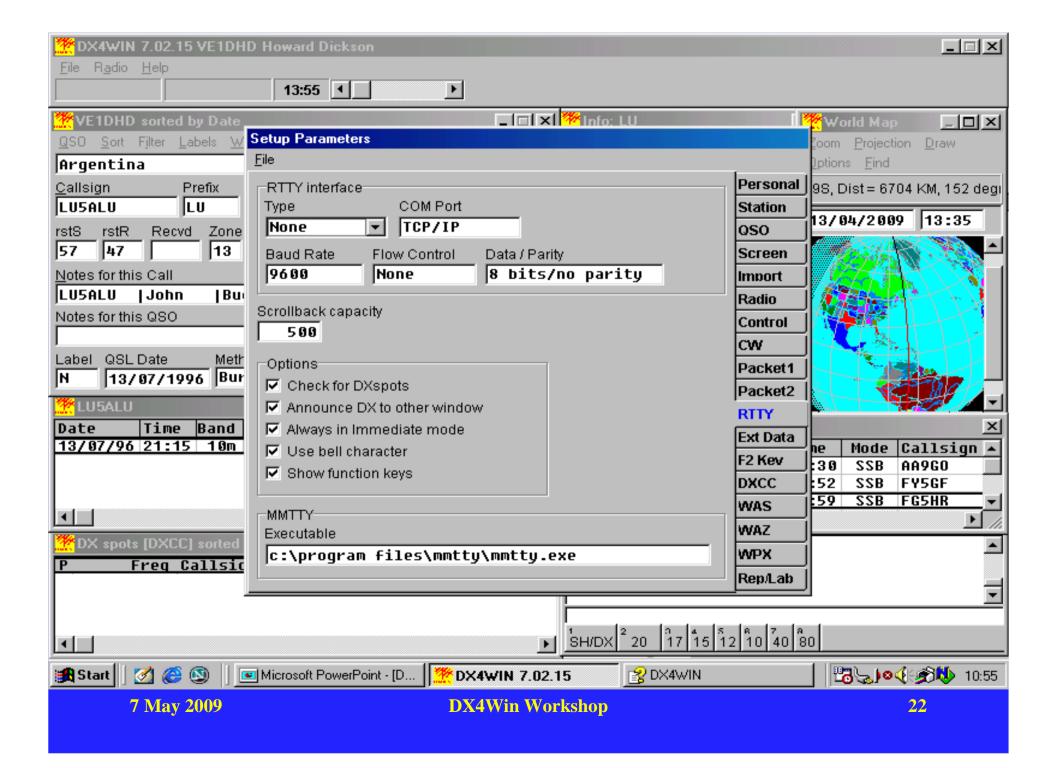
Do not use rig keying. It will ruin your fist. :-)





RTTY Setup

- Go to Preferences > RTTY
- Using a sound card interface (i.e. RigBlaster)
 - set up as in example on page 22



Software Updates

- Locate the DX4WIN web site found at: http://www.dx4win.com/
 - Navigate to the Downloads page
 - Download the latest edition to a folder SEPARATE from any other folders with earlier versions of DX4WIN ideally your "My Downloads" file on your C-drive.
 - Run the .exe file you downloaded, then look in the Programs folder into which DX4WIN installed itself, and find the help file (DX4WIN.chm)
 - Find the instructions for "Upgrading from a Previous Version" and follow them explicitly

Software Updates

- **Upgrading** to a new DX4Win version will require you to generate an .ini file (Preference settings) from your old DX4WIN and merging it with the NEW DX4WIN. Be very careful you do not get the new and old programs mixed up!
- Porting over your Preferences in your OLD version
 - File > Preferences > File > Write INI File
 - Save the INI file in a place you can find it
 - This process works well, HOWEVER, you will have to go back to Preferences and adjust the Band/Mode settings for the Station and various award (DXCC; WAS etc.) everything else should port over in the INI file.

Specific Questions / Problems

- 1) Updating Country Lists
- 2)
- 3)
- 4)
- 5)
- 6)

What's in the Country File?

- The country file unifies many smaller databases that are essential for DX4WIN:
 - DXCC entities
 - DXCC prefix to entity mapping
 - DXCC callsign to entity mapping
 - QSL managers
 - QSL manager addresses
 - Islands on the Air (IOTA)
 - US States (latitude/longitude)
 - CT state abbreviation to US state mapping
 - US Counties

- Getting the latest Country List
 - Go To: http://www.country-files.com/dx4win/
 - The ZIP file named DX4WCTY_20090408.zip was released on 8 April 2009. Follow this link to the complete revision history
 - To see the actual revision date of the country file you are currently using go to: Files -> Databases -> Countries.
 - The entry for 1A0, Sov. Military Order of Malta should appear.
 Click on the Callsigns tab, and the callsign "VERSION" should appear in the window. The "Start date" is the date the country file was created/released.

- Installing the new Country File
 - 1) Exit DX4Win Files > Exit
 - 2) Then copy your existing DX4WIN.CTY file
 - (from your DX4W###\SAVE) directory to a safe place (like your DX4W###\BACKUP directory, see #3 below)
 - 3) unzip the DX4WCTY_20090408.zip file and save the new DX4WIN.CTY file into your DX4W###\SAVE directory

Merging Country Files

- If you want to keep a customized country file, but still get the latest updates, then merging might be the best solution. only the following components of the country file can/will be merged:
 - Exception calls
 - IOTAs
 - QSL managers
 - QSL addresses

Merging Country Files

- download the country file and extract DX4WIN.CTY someplace that you can remember NOT your Save Folder
- close your logbook, then go to:
 Files -> Databases -> Countries
- the Country Editor window comes up, go to File -> Merge Other Country File. Navigate to the directory into which you extracted the new country file, select the file named DX4WIN.CTY, then click on the Open button.
- You will be prompted before merging each of the components listed above. When the merging is done, in the Country Editor window, go to File -> Save Changes and Exit AND then open your log.



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