

DX4Win Introductory Workshop

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

Agenda

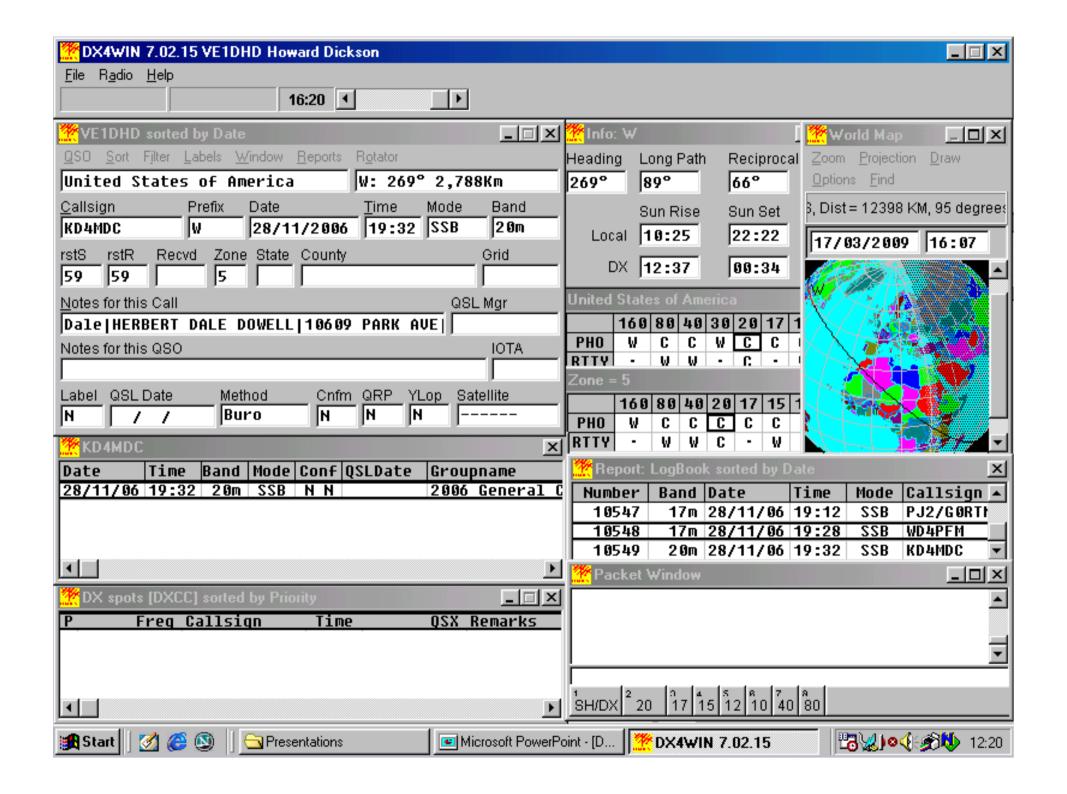
- Getting Started
 - Downloading Demo Version
 - Opening files
 - Opening Windows
 - Setting Preferences
- Entering Data
 - Logging a QSO
 - Callsign Lookup
- Packet Window (DX Spotting)
- Searching the Log
- Generating Reports
- Importing and Exporting data
- Contest Mode

Getting Started

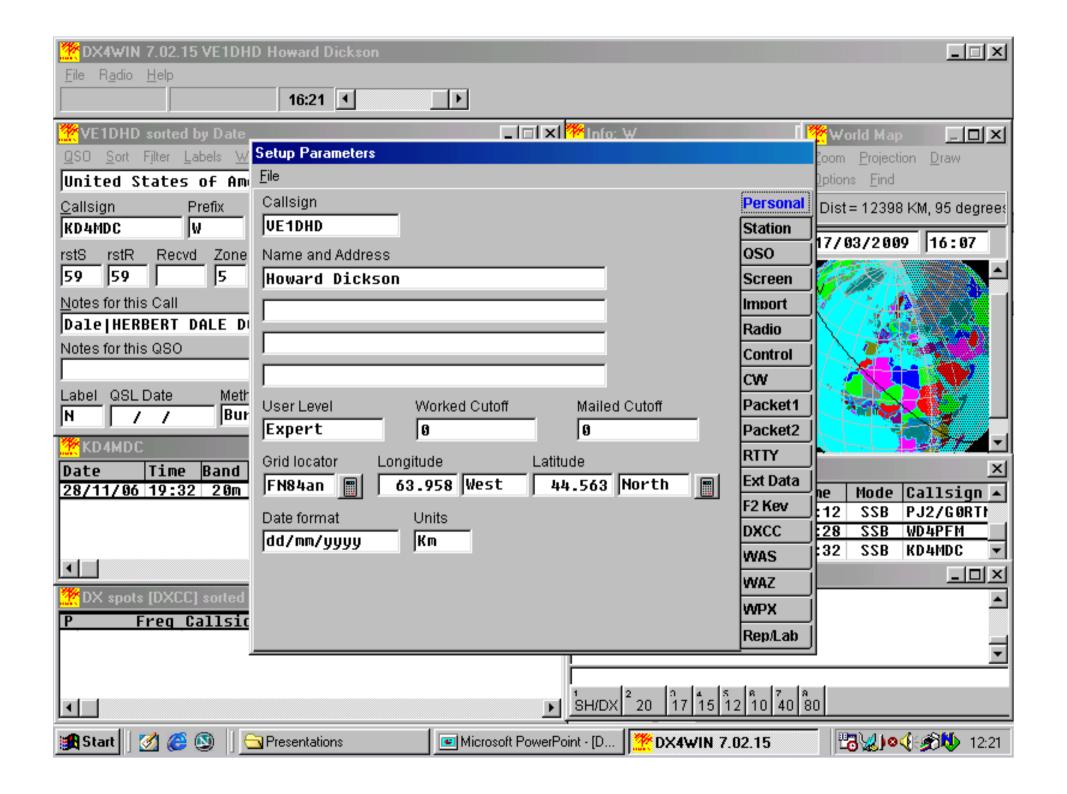
- Downloading Demo Version
 - go to www.dx4win.com and click on "Downloads"
- Setting up a "New" file
 - file/new=your callsign
- Opening Windows
 - Data Entry window (will open automatically) now open the following and arrange like my screen

Window/sunrise\set (Info)
Window/Country

Window/Zone
Window/Logbook
Window/World Map



- Setting custom program parameters
 - File/Preferences

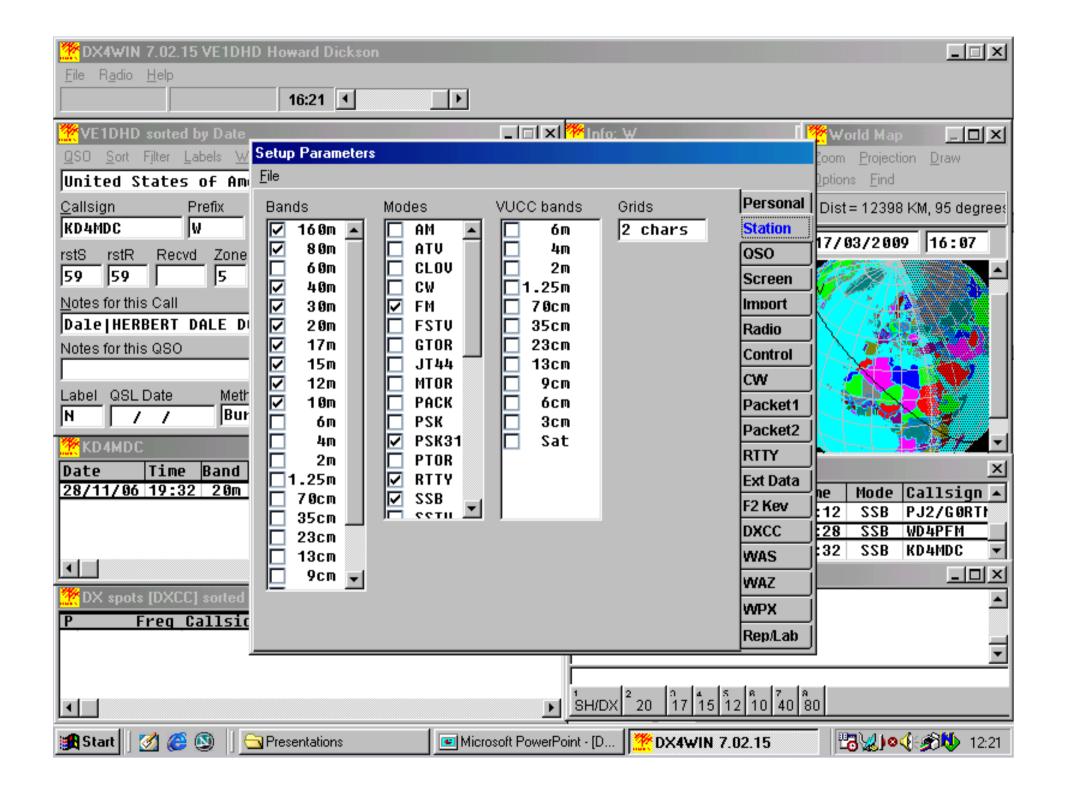


- Personal
- Station
- *QSO*
- Screen
- Import
- Radio
- Control
- Packet 1
- Packet 2

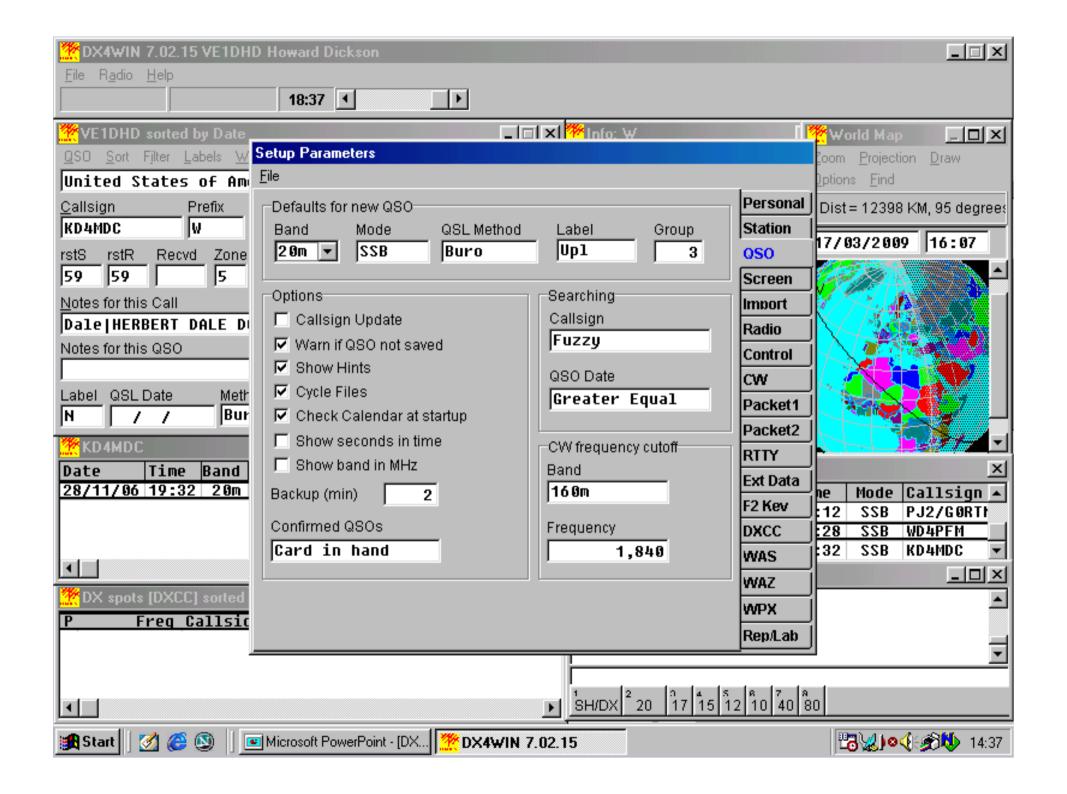
- RTTY
- External Data
- F2 Key
- DXCC
- WAS
- WAZ
- WPX
- Rep/Lab

- Personal (for HARC computers) >>
 - Grid = FN84
 - Longitude = 63.62W
 - Latitude = 44.652 N
 - User Level = **Regular**
 - Date Format = dd/mm/yy
 - Units = Km

- Station
 - Bands & Modes that you have available at home
 - HARC
 - Bands = 80 / 40 / 20 / 17 / 15 / 10
 - Modes = CW / SSB / PSK-31 / RTTY

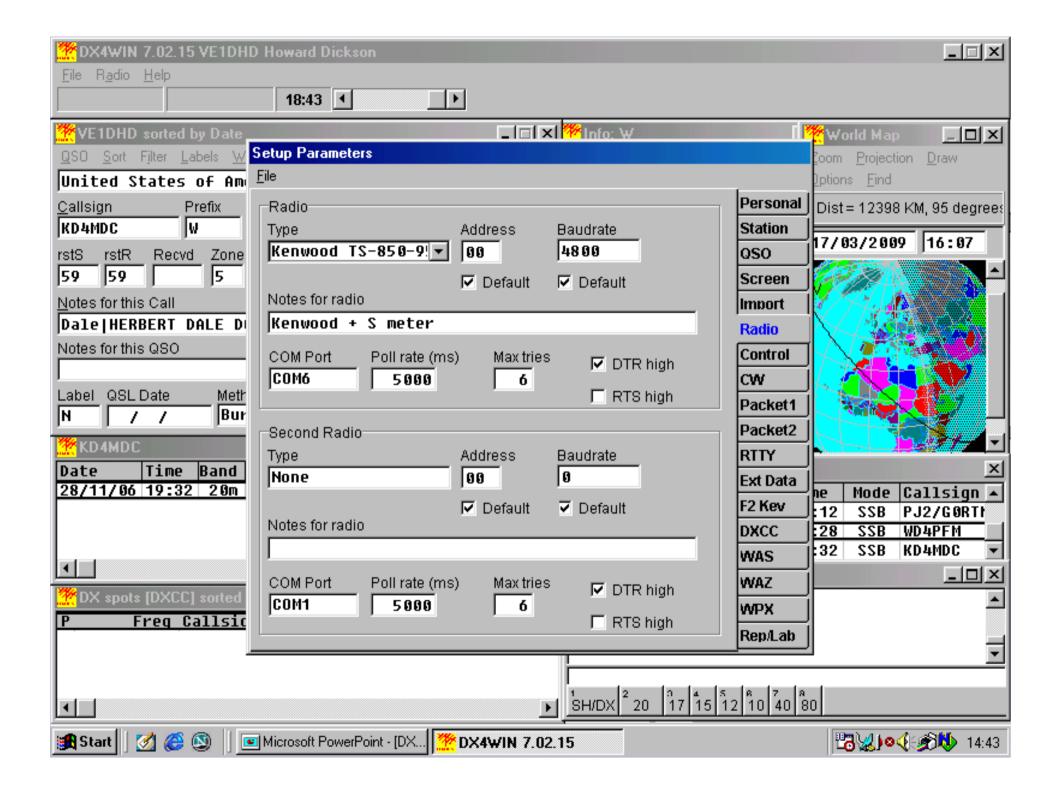


- Station
 - Defaults for new QSO
 - Options
 - Searching



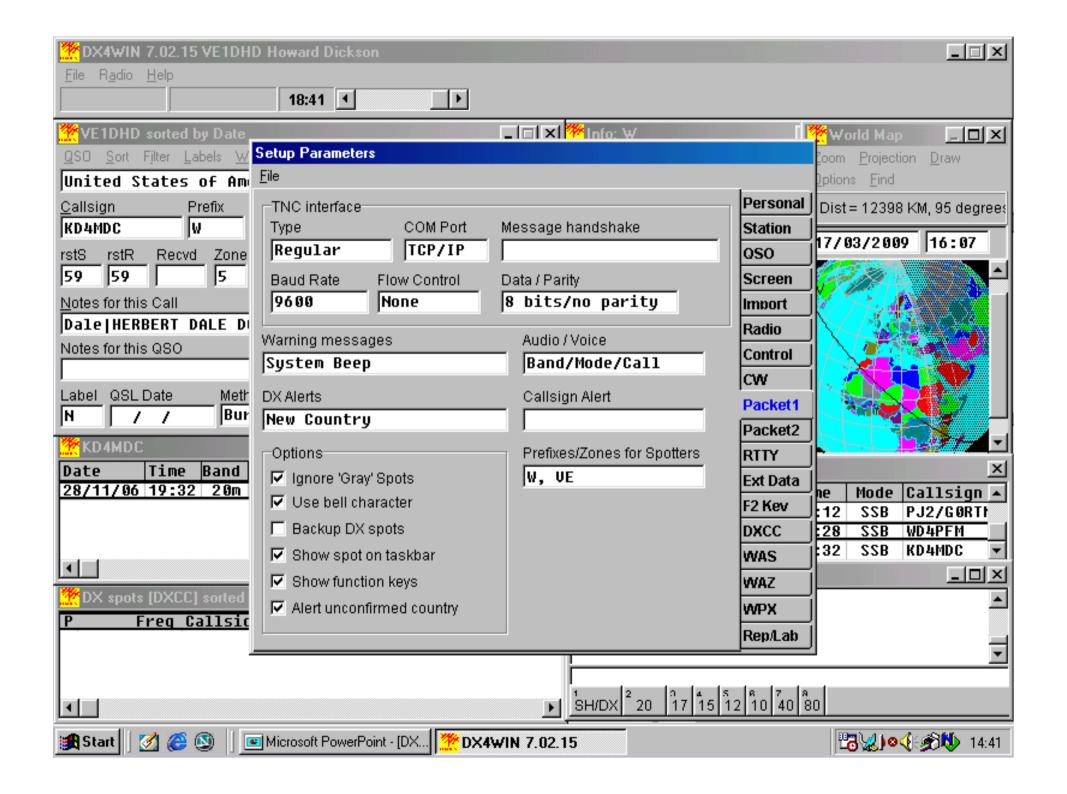
Rig Control

- Software / Hardware Interface
 - File/Preferences/Radio
 - Assumes that your radio and computer are linked via RS232 cable or RigBlaster Interface
 - Select radio type
 - Set radio specific data transfer requirements
 - file/save changes & exit



Packet Window

- Packet Window allows for DX spotting
 - Packet Cluster
 - Internet Cluster (Telnet)
 - file/preferences/packet 1
 - TNC Interface > Select Regular & TCP/IP
 - file/save changes & exit
 - Packet Window & DX Spot Window should now appear on the desktop resize & position



Logging a QSO

- Website Callsign Data Lookup
 - allows you to connect to QRZ.com or an onboard CD to find the name and address of QSO
 - Preferences / External Data
 - Website Callsign Lookup x Enabled http://www.qrz.com/
 - *QSL Mgr Lookup Address*http://www.qrz.com/callsign?qsl=

Sizing the QSO Window

- QSO Window can be sized to show as much or as little information as you want.
 - Pressing F5 will scroll through the various window data - I use position #5

QSO Mode - Data Entry

- Logging a QSO "real time"
 - QSO Window will contain data from last contact
 - left click on QSO window, then F9 to clear all fields in QSO Window
 - Enter Callsign of station
 - Prefix / Zone/ Date & Time will be added automatically
 - If Radio linked Mode & Band will be entered too
 - Tab or use mouse to move to next field
 - Disabled Fields will be skipped
 - QSO Window/QSO/Disable Fields
 - Enter to log contact
- To abort QSO entry Esc key

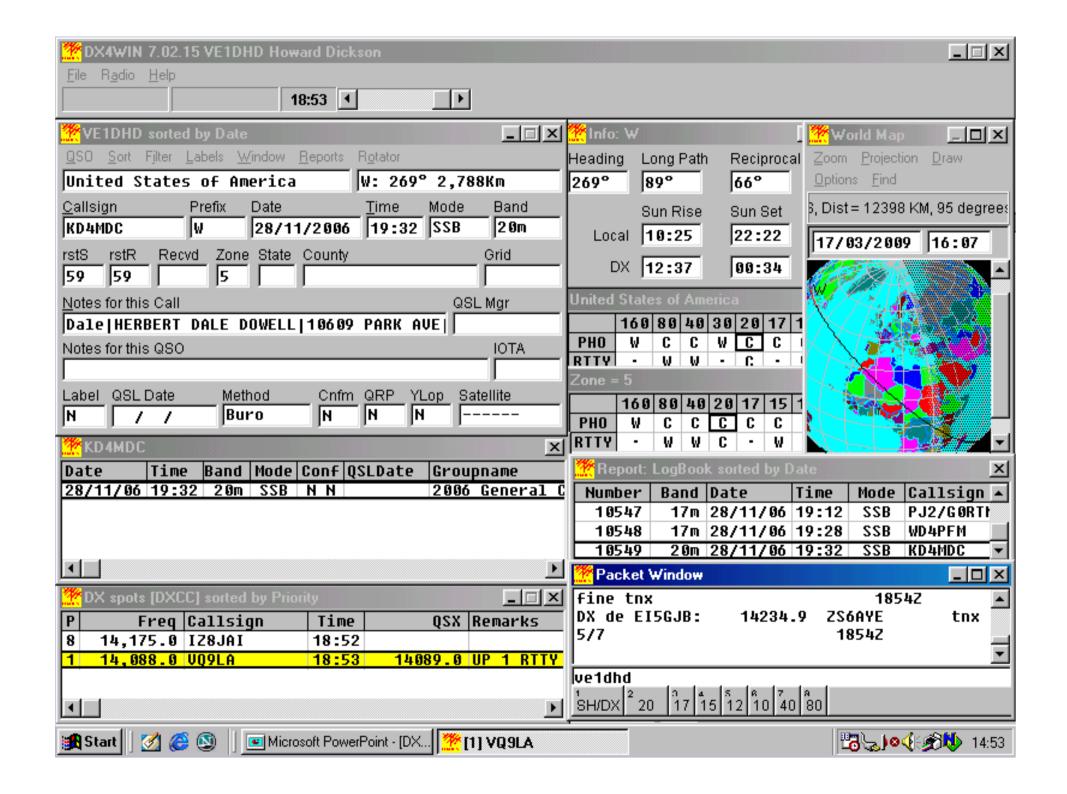
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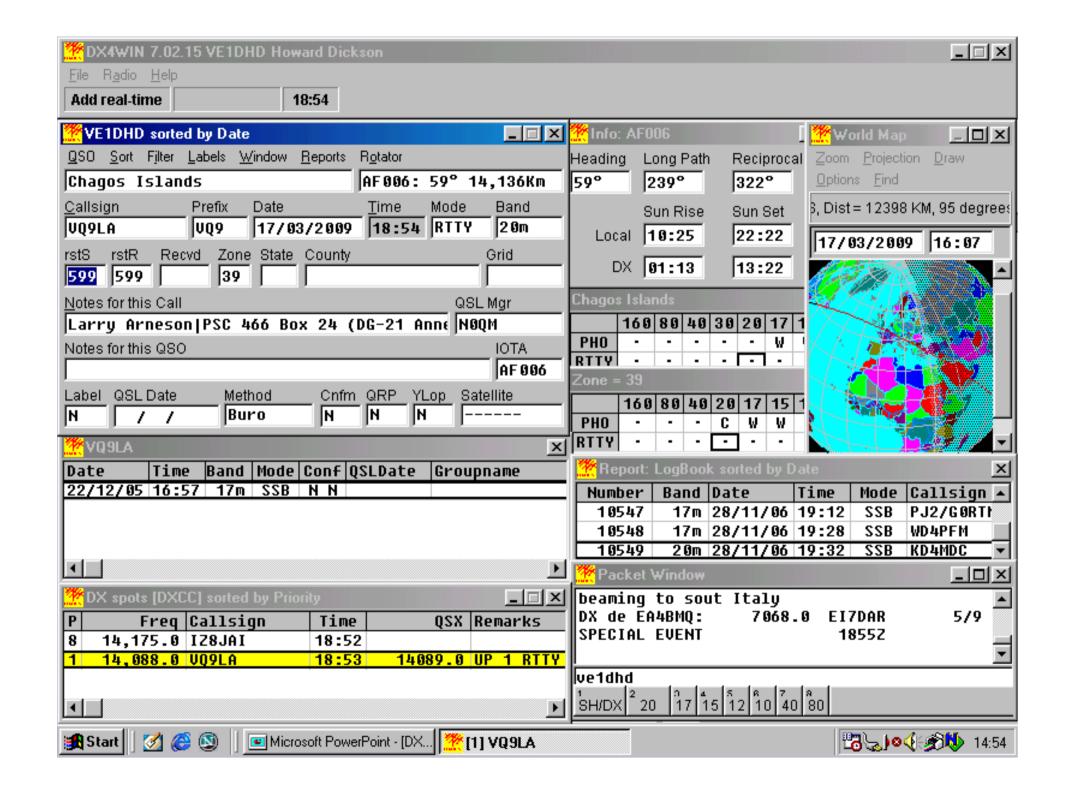
QSO Mode - Data Entry

- Logging a QSO "off-line"
 - QSO Window/QSO/Adding off line
 - Similar to adding in "real time" except that the date; time; mode & band must be entered manually

QSO Mode - Data Entry

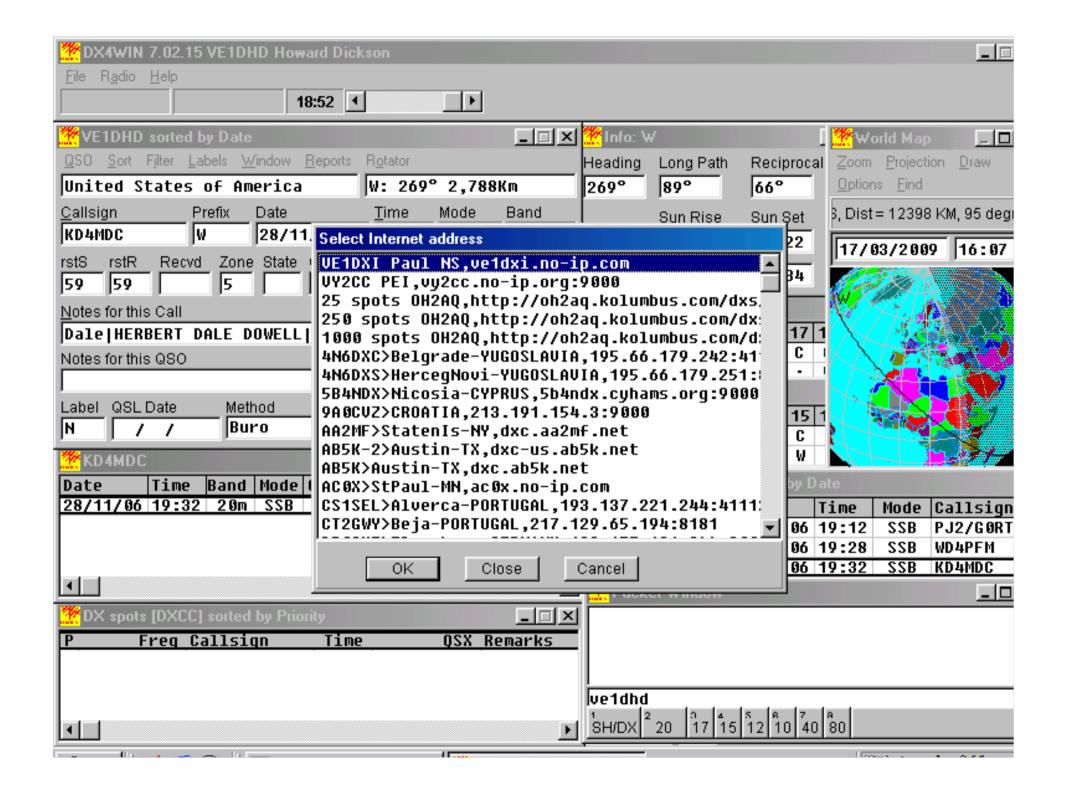
- Logging a QSO Using a DX Spot
 - F9 to clear QSO Window
 - Place cursor over desired spot
 - Callsign ONLY will appear in the Callsign Window
 - Double click mouse (left)
 - all available data will appear in Callsign Window
 - Radio will be set to the spotted frequency (including split if data contained in spot and radio/computer are linked
- Spotting a logged call
 - Alt+A > Call from data / Frequency from radio add comments and "Enter"





DX Cluster

- Adding your favorite cluster site
 - use Note Pad to edit the following:
 - c:program files/DX4Win/save/dx4win.tcp
 - for Paul's VE1DXI site, insert the following on the top line of the .tcp file:
 - VE1DXI Paul NS, ve1dxi.no-ip.com (save file).
- Opening the Packet Spotting Window
 - Left-click on Packet Window
 - Right-click on Packet Window > I > OK
 - at login prompt type your callsign > Enter



DX Cluster

- Editing the Cluster Function Keys
 - right-click over function keys > edit keys
 - enter the following:

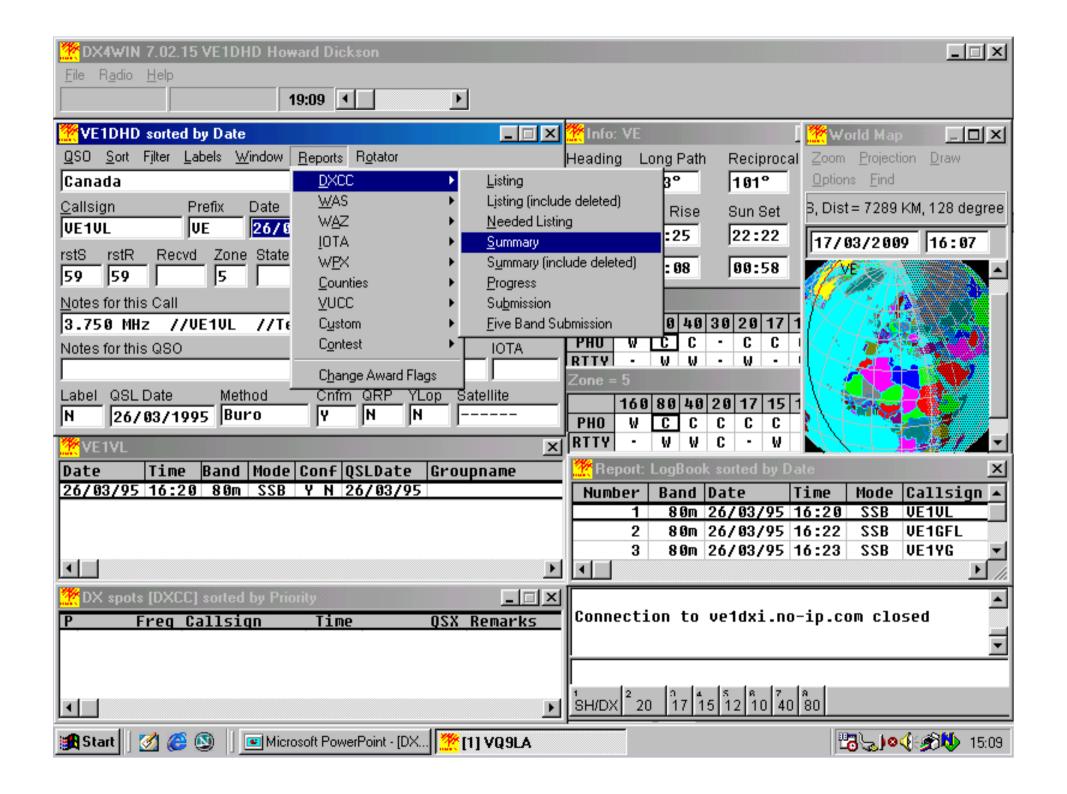
	X Control Keys
1 SH/DX SH/DX/25 %M	11 160 SH/DX/10 160 %M
2 20 SH/DX/10 20 %M	12 WWV SH/WWV %M
3 17 SH/DX/10 17 %M	13 SH/Usr SH/U %M
4 15 SH/DX/10 15 %M	14
5 12 SH/DX/10 12 %M	15
6 10 SH/DX/10 10 %M	16
7 40 SH/DX/10 40 %M	17
8 80 SH/DX/10 80 %M	18

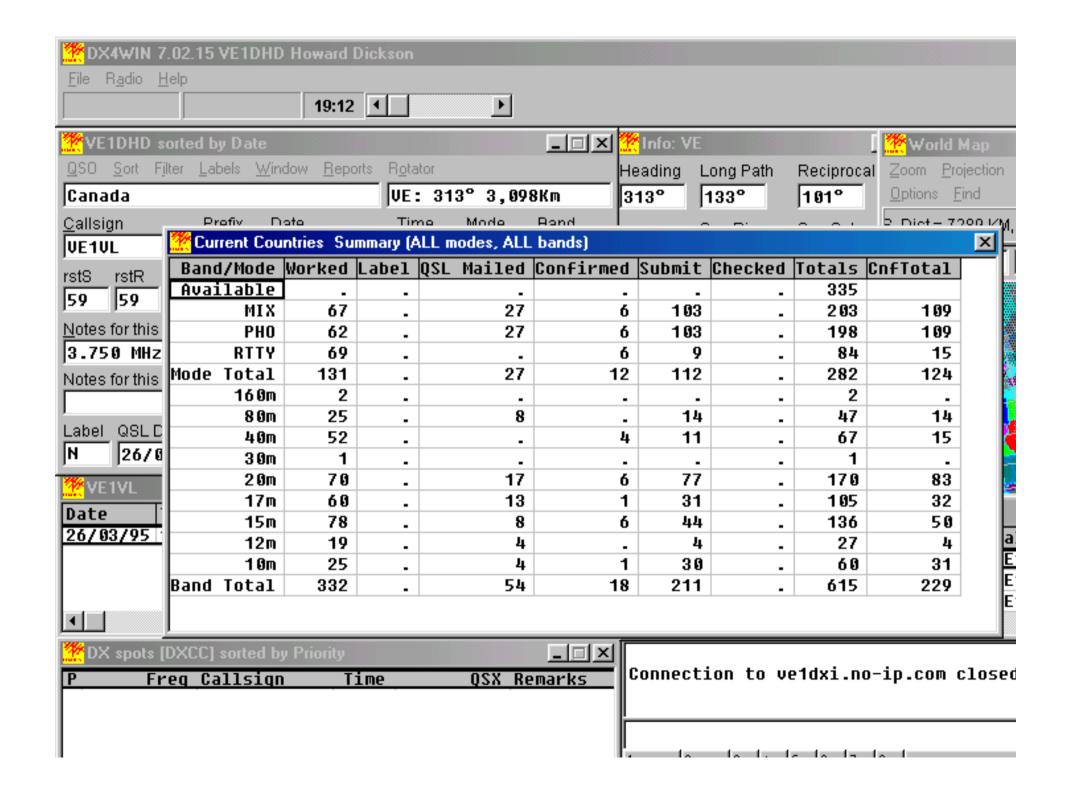
Searching the Log

- To initiate a search of the database
 - QSO Window/Filter/Search (or F8)
 - Set "exact" = every # and letter must match
 - Set "fuzzy logic" = one # or letter can be inverted
 - File/Preferences/QSO/Callsign="fuzzy"
 - most QSO Window fields go blank
 - Enter any info that defines your search parameter into an appropriate field
 - Blank fields are NOT tested
 - ! = not
 - ? = wild card

Reports

- Report menu lets user create different reports
 - QSO Window/Reports/"select award"/list/summary?
 - IMPORTANT to set up the modes and bands that you will be operating on under "Preferences".





Uploading (Importing) Data

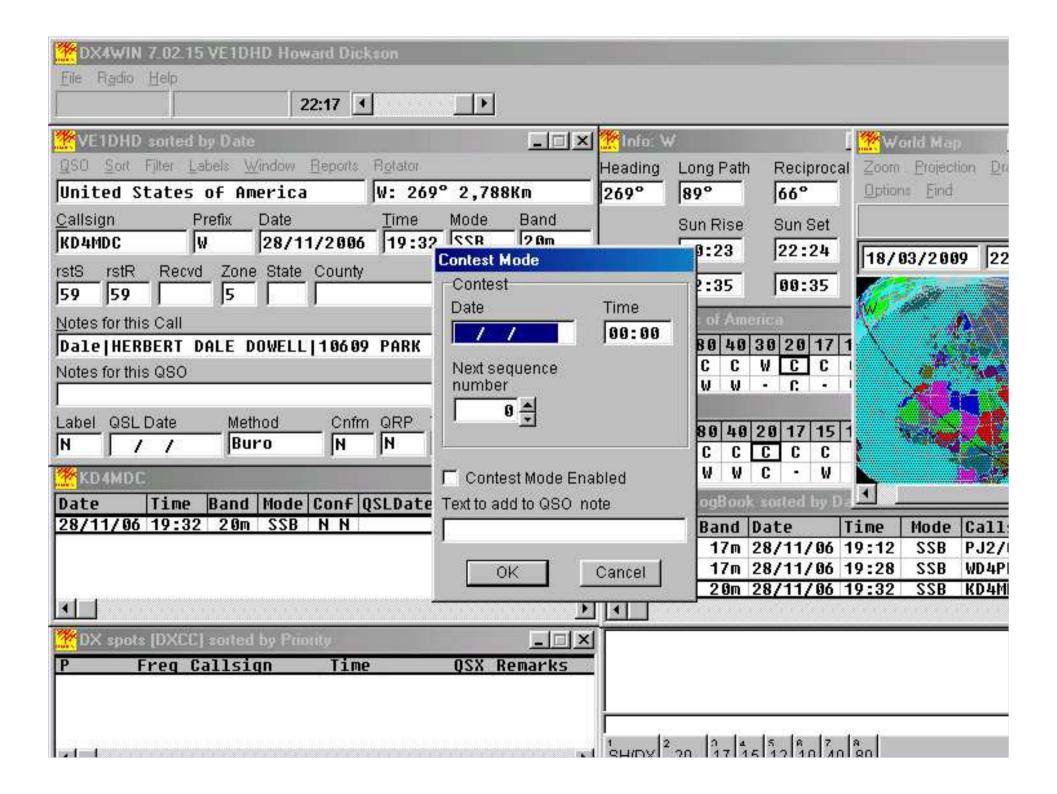
- Uploading data from other programs
 - as long as you can create an ADIF file,
 importing your old data from other programs is simple
 - program also support Import directly from a large number of other programs without ADIF conversion, BUT using an ADIF converted file is always best.

Uploading (Importing) Data

- Uploading data from other programs
 - FIRST backup your main database good idea to do this on a regular basis in any event.
 - Save your log file (VE1DHD) for example as: VE1DHD Backup 9April2009
 - Second reopen your original main data file
 - File/Import/Export/ADIF (or select program)
 - Third import ADIF file into your main DX4Win database
 - File/Import
 - If anything should go wrong you have your backup file to fall back on!!

Contest Mode

- In the QSO Window
 - QSO / Contest Mode
- Date enter date of contest start
- Time enter time of contest start in GMT
- Sequence Number enter first QSO number also is the sequence number to be given in some contests.
- Text usually contest name
- Contest Mode Enabled





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