



Revision History

The SKCCLogger has undergone several revisions since its initial release in May 2012. The following list tracks the changes made in each release. Revisions are presented from most recent to earliest.

v03.00.08, 2017-07-04:

- Bug Fixes:
 - Added code to catch an IO Exception if exported CSV file is currently open.
 - Fixed error in IC-7300 setup text that referred to IC-7200 defaults.
 - Added code to switch RST Field Text Box Help Tag to reflect change in S&P/Run Mode.
- Changes to previous processing methods:
 - Do not add "DX" to State field for non-US and non-Canadian Entities.
 - ADIF File Load now converts slash 0 in callsign to ASCII 0.
 - Changed QSO Notes button action - If Notes window is already open, just show it.
 - Changed QSO Notes button action - If Callsign is blank, just substitute "NONE".
 - Modified C/T/S processor to properly label > x10 awards in increments of 5. i.e., x2 - x10, then x15, x20, x25, etc.
 - Modified PFX processor to properly label > x10 awards in increments of 5. i.e., x2 - x10, then x15, x20, x25, etc.
- New Capabilities & Features:
 - Show Log Entry window when the logger tries to shutdown with the window open.
 - Show Notes Window if open when closing LogEntry Window.
- Changes to how the program works - not "seen" or necessarily noticed by the user:
 - Changed Prefix Award SQL Query to use MAX(PFX_Pts).
 - LogEntry Close Button: Deleted Mouse Down event for Close Button and moved action to Action Event.

v03.00.07, 2016-10-07:

- Bug Fixes:
 - Editing Log Entries now preserves contents of ADIF Fields "STATION_CALLSIGN", "OPERATOR", and "MY_GRIDSQUARE".
- Changes to previous processing methods:
 - Add SKCC Number Processing now inserts Member Name (if blank).
 - The LogEdit window now displays previous QSOs when first opened rather than waiting for the callsign field to lose focus.
- New Capabilities & Features:
 - Added support for 1.25M and 70CM Bands.
 - Added Minimize Button to Add Log Entry Window.
 - Added support for Icom IC-7300.
 - Added support for Elecraft KX2.
 - Added notification of existing QSO Notes file - QSO Notes button flashes bold/unbold every second.
 - Added option to cancel future Award Application email reminders.
 - Added ADIF Tags "STATION_CALLSIGN" and "OPERATOR" to log file.
 - Added Alt+F shortcut key to Log Entry Window to move cursor to QSY Frequency Field.
 - The Log Edit window now displays and allows edit of "Station Callsign", "Operator Callsign", and "My GridSquare".
- Changes to how the program works - not "seen" or necessarily noticed by the user:
 - Added Compiler Version, Full log filename, Callsign, and SKCC Number to ADIF Log File Header.
 - Added Compiler Version info to INI File.
 - Changed processing that checks for use of reserved log filename "Reserved-Log.adi".
 - The Award Processor now displays the full path and file name of a previously processed log file that no longer exists.

v03.00.06, 2016-03-26:

- Bug Fixes:
 - None
- Changes to previous processing methods:
 - QSO Start Time is now established and "locked in" the first time a callsign is entered. The ONLY way to change the QSO start time after that is to click

the "Now" button or to enter a date/time manually.

- Added reminder in Award Processor for the user to email the award application to the Award Administrator.
- New Capabilities & Features:
 - Log Entry Window provides an option to Auto-Log QSO End Time when the QSO is logged, unless already set.
 - Added support for the TS-50 Radio.
- Changes to how the program works - not "seen" or necessarily noticed by the user:
 - The Award Processor has been changed to display the name of the file being processed when processing begins, rather than waiting until the processing finishes.
 - Log Edit window now force State Field to be in all Uppercase.
 - Membership file download processing has changed.

v03.00.05A, 2016-02-04:

- Bug Fixes:
 - Backed out a couple last minute changes in v03.00.05 that were causing intermittent problems with some set ups.

v03.00.05, 2016-02-01:

- Bug Fixes:
 - Modified RegEx ADIF Log Parsing process to allow for byte-oriented encodings.
- Changes to previous processing methods:
 - After several requests, the Add Log Entry window text fields have been reordered to more closely follow the "standard" order of an SKCC information exchange. This change also required a change to the layout of the Edit Log Entry window fields.
 - Monthly Brag Report now allows you to select either "Current" or "Previous" month as default Brag Month.
 - Monthly Brag Report Brag Count format changed to be a bit more informative.
 - The membership update process now provides a direct link to the SKCCLogger Program Download Page when an upgrade is available.
 - The "Use PC Time" option in the Log Entry Window is now a "sticky" option.
 - When checked, the date and time fields will be auto filled with the current PC date and time.

- When unchecked, the date and time fields are cleared and must be filled with valid values.
- After an entry is completed with the "Use PC Time" unchecked, the previously entered date and time values become "sticky".
- New Capabilities & Features:
 - Added a QSO Notes Capability. Individual Notes are linked to a specific callsign or SKCC Number.
 - Added QSO End Time to Log Entry, Log Edit, and Log List box. This field relates to the ADIF Tag "QSO_TIME_OFF". Entering the QSO End Time is optional and may be left blank unless you have a need to use it. Display of this item in the log list box is optional as set in the Program Options window.
 - Added processing for RagChew Award with details for Band Endorsements.
 - Added processing for WAS-T and WAS-S Awards.
- Changes to how the program works - not "seen" or necessarily noticed by the user:
 - Added input "Mask" to LogEntry State Field to immediately convert each keystroke to UpperCase.

v03.00.04, 2015-11-11:

- Bug Fixes:
 - Monthly Brag Report now counts QSOs on WARC Bands during sprint periods.
 - Fixed "Award Processor" and "Add SKCC Numbers to Log" processing to handle cases of members having the same Callsign, but at different times. This change also handles cases where a current member has the call of a member that is now SK.
 - Modified Prefix Award processing to use new "GetSKCCFromCall" function.
- Changes to previous processing methods:
 - Removed code that forced Name and City to 'TitleCase' in the Add Log Entry and Log Edit windows.
 - Monthly Brag Report now auto-fills dates and times for SKS-E, WES, and SKS based on Brag Month & Year entered.
 - Download Membership processing now auto-starts the download when the window opens.
 - Made manual time entry in Log Entry and Log Edit easier. Fields now accept HHMM[Z], HH:MM[Z], HHMMSS[Z], and HH:MM:SS[Z] formats.
 - Text Search (Ctrl+F) Window now defaults to search BOTH Call and SKCC Fields.
- New Capabilities & Features:

- Added "My Gridsquare" to Program Options and ADIF Log File.
- Added Kenwood TS-440 to Radio List.
- Added Icom IC-7400 to Radio List.
- Added JT9 to the Mode selection list.
- Changes to how the program works - not "seen" or necessarily noticed by the user:
 - Changed Log Entry Window Close Caution to a Dialog Box with the default action of "Don't Close".
 - Major rewrite of the Load ADIF Log File method using RegEx to extract all Tags.
 - Major rewrite of the Award Processor Load ADIF Log File method using RegEx to extract all Tags.

v03.00.03, 2015-07-21:

- Bug Fixes:
 - Fixed a bug related to listing matching callsigns that contain a slant character in the Add Log Entry window.
 - Fixed a bug in the award processor where a previously processed log file that was on a drive that no longer exists would cause a Nil Object Exception.
- Changes to previous processing methods:
 - Changed processing for Prefix awards. Processing now skips all slant (/) characters and uses the station license callsign only.
- New Capabilities & Features:
 - Added Text Search (Ctrl+F) Capability in the Main Log window.
 - Changed Prefix Award Processing
 - Changed membership download processing to avoid partial download
 - Added Icom IC-7410 to Radio List
 - Added Icom IC-7850/7851 to Radio List
 - Added Kenwood TS-990S to Radio List
 - Added Yaesu FT-747GX to Radio List
 - Added Yaesu FT-757GXII to Radio List
 - Added Yaesu FT-847 to Radio List
 - Added Yaesu FT-991 to Radio List
 - Changed Kenwood TS-480HX to just TS-480 for TS-480HX or TS-480SAT
- Changes to how the program works - not "seen" or necessarily noticed by the user:
 - The membership files are updated on the server every 2 hours. There is a very small window where a membership download could occur during the update and

result in a partial membership listing being downloaded. The download processing now looks for AT LEAST the same number of members as the previous list and will attempt five download attempt, if necessary.

- Build Date and Time now displays in Eastern Time instead of Zulu.
- Removed code that would Look for a membership text file that is newer than the Membership database file. The capability was initially added to allow a user to download the membership data file and copy it to the application folder. The capability is no longer needed.
- Added code to membership download processing to avoid a small window where a partial file is download while it is being created on the server.

v03.00.02, 2015-02-26:

- Bug Fixes:
 - Previous versions could give extra Sprint QSO Counts if a callsign was logged in two different ways - e.g. AC2C and AC2C/QRP. Added new processing to avoid this error.
- Changes to previous processing methods:
 - The method used to count QSOs in a sprint was modified as noted above.
- New Capabilities & Features:
 - Add/Edit log Entry now supports additional Digital modes: JT65, JT65A, OLIVIA, and SSTV.
 - The Award Processor will now provide a warning if the log file has been modified since the last time it was processed. Some users were forgetting to reprocess the log file after making additional log entries.
- Changes to how the program works - not "seen" or necessarily noticed by the user:
 - The Award Processor now displays file and database dates and times in Zulu rather than local time.
 - If you have set your Callsign in the Program Options window, the program will automatically update your SKCC Number when you download the membership information. Thus, your C, T, or S suffix will be automatically updated for you.
 - The Award Processor now displays the Database Update Date/Time in Zulu time.
 - Award Processor modified to list callsigns ONLY as listed in the membership database - eliminating unrecognized prefixes or suffixes.

v03.00.01, 2014-11-29:

- Bug Fixes:
 - Fixed a minor error introduced in v03.00.00 that would only update the C/T/S/Tx8 info in the Award Processor if it was non-blank.
- Changes to previous processing methods:
 - None.
- New Capabilities & Features:
 - Added support for additional Centurion and Tribune Award/Endorsement Levels.
- Changes to how the program works - not "seen" or necessarily noticed by the user:
 - None.

v03.00.00, 2014-09-12: (Major Upgrade Release)

Note: This is a Major Upgrade Release due to the number of changes required to merge logging and award processing to utilize the same membership database file.

- Bug Fixes:
 - A user in the Netherlands discovered a problem with International compatibility. Fixes were made to allow for alternate decimal separators while adhering to the ADIF spec that requires a period (.) decimal separator.
 - One user reported a problem with the award processor that was caused by a corrupted Award Processor Log Database File. We were unable to determine how the file was corrupted. However, the processing now detects a corrupted database file, deletes it, and notifies the user that the log needs to be re-processed.
- Changes to previous processing methods:
 - The logger now uses a single membership data file for both logging and award processing.
- New Capabilities & Features:
 - Added support for Icom IC-735 Radio with a 4-Byte Frequency data packet.
 - Added support for Icom IC-7100 Radio.
- Changes to how the program works - not "seen" or necessarily noticed by the user:
 - None.

v02.00.08, 2014-07-01:

- Bug Fixes:
 - One user noticed that (US) State ADIF tags in lowercase were being

- considered unique from the same State in uppercase. Code was added to the Award Processor to consider ALL States ADIF Tags as Uppercase.
- It was discovered that current processing would allow a log entry dated in the future. Code was added to check for future dates in the Log Entry and Log Edit windows.
- "DC" now counts as "MD" for WAS and WAS-C Awards.
- Changes to previous processing methods:
 - The award Processor no longer changes the case of the member's Last name.
- New Capabilities & Features:
 - The Award Processor now provides a notice of the Membership Data File is over four days old.
 - Added support for Yaesu FT-1000 radios.
- Changes to how the program works - not "seen" or necessarily noticed by the user:
 - None.

v02.00.07, 2014-05-01:

- Bug Fixes:
 - None.
- Changes to previous processing methods:
 - The Previous QSOs listing in the Add Log Entry & Edit Log Entry Windows now include QSOs logged with alternate or past call signs used by the member.
 - The "Add SKCC Numbers to Log" Tool has been rewritten. It now assigns SKCC Numbers and appropriate C, T, or S suffix based on the date of the QSO compared to the Membership, Centurion, Tribune, and Senator Award dates contained in the Membership Records.
 - The "Monthly Brag Report" Tool has been rewritten. The processing now allows you to specify the Start date/time and the End Date/time for the SKS-E, WES, SKS, and up to three additional special events to be excluded. The processing also gives a summary report of how the Brag Count was calculated.
- New Capabilities & Features:
 - Added support for QSL Sent/Received Status.
 - The user can now double click on a "Previous QSO" listed in the Add Log Entry Window to open the listed QSO in the Log Edit Window.
 - The Award Processor now allows the user to manually enter their Centurion, Tribune, Tx8, or Senator Date if (and only if) the dates are blank in the downloaded membership information file. This allows a member to update their status immediately upon award and before the online database is updated.

- Changes to how the program works - not "seen" or necessarily noticed by the user:
 - The "Previous QSO's" listing in the Add and Edit Log Entry windows now display SKCC Number instead of Frequency.
 - The Award Processor now automatically executes a "Refresh My Info" operation whenever the Membership Database is Updated. Some users were skipping this step and this change automatically executes for them.
 - The date formats displayed in the Award Processor were changed to be compatible with other date formats used throughout the Logger.
 - The rig interface for the Yaesu FT-990 was tweaked to allow any response of at least 16 Bytes.

v02.00.06, 2014-03-23:

- Bug Fixes:
 - Fixed a couple bugs in the Program Options Window:
 - When setting your Callsign, the program would not recognize the setting UNLESS the User hit TAB or ENTER. This has been fixed.
 - Pressing "Cancel" from the Program Options Window effectively only just closed the window - any changes you made were effective. Now the current settings are saved when the window is opened and are restored to initial values when the "Cancel" button is pressed.
 - Actually, more of an enhancement... When an ADIF Log is loaded that does not have BAND information, the Band is computed using the frequency information.
- Changes to previous processing methods:
 - "Sprint Logging" Mode no longer requires RX Power to be logged for non-members.
- New Capabilities & Features:
 - Added Processing for QRPx1 and QRPx2 Awards.
 - Added option for User-Selectable Fonts for use in Text Fields.
 - Added interface for Icom IC-718 Radio.
- Changes to how the program works - not "seen" or necessarily noticed by the user:
 - The Recent QSOs listed in the Log Entry Window are now displayed with the most recent log entries at the top.
 - Added the capability to provide URL updates during the membership download process.

v02.00.05, 2014-03-01:

- Bug Fixes:
 - Fixed two bugs in DXQ Award Processing:
 - Previous processing allowed one contact from your home Country.
 - Previous processing included QSOs from other bands even when a single band was specified.
- Changes to previous processing methods:
 - The DXQ and DXC Award Applications now list the DX Entity Name rather than the DXCC Code..
- New Capabilities & Features:
 - Added support for Ten-Tec Argonaut VI and Ten-Tec Eagle.
 - Added support for Yaesu FTDX-1200 and Yaesu FTDX-3000.
 - The program now checks for new Upgrades everytime the Membership Data File is downloaded.
- Changes to how the program works - not "seen" or necessarily noticed by the user:
 - Added a "Next Step Guide" informational window to the Award Application Creation processing to inform the user of the options available after the selected applications have been created.

v02.00.04, 2014-02-12:

- Changes to previous processing methods:
 - Changed processing of Multiple Row Editing. Fixed an unexpected rearrangement of entries in the Log Listing when the user has sorted the list on a certain column or changed information that would cause it to list in a different order before and after editing.
 - The program now remembers and makes "sticky" any column sort options selected in the Main Log List Box.
- New Capabilities & Features:
 - Added an optional "GMT Correction Factor" for users whose PCs were not reporting GMT Date and Time correctly.
- Changes to how the program works - not "seen" or necessarily noticed by the user:
 - Removed a check for correct field count in the downloaded membership list. This change is in preparation for a planned change to the data file format.

v02.00.03A, 2013-12-02:

- Bug Fixes:
 - Fixed an error in the WAS Award Processing routine that would cause a NilObjectException error when a callsign contained a slash (/).

v02.00.03, 2013-12-01:

- Bug Fixes:
 - Fixed an error in the Award Processing routine that would occur with some International Date settings.
- Changes to previous processing methods:
 - Added DXCC code field to the Add Log Entry and Log Edit Windows.
 - The Add Log Entry window (optionally) auto-fills the DXCC Country Code, if it is contained in the current SKCCDATA file.
- New Capabilities & Features:
 - The User can optionally have their Callsign and SKCC Number displayed in the Title of the Add Log Entry Window.
 - Added DXQ and DXC Award Processing.
 - Added a Monthly Brag Report option to the Tools Menu.
- Changes to how the program works - not "seen" or necessarily noticed by the user:
 - The installation program now installs a local copy of the SKCCDATA data information during installation. This is the data file used for award processing and is also used to obtain a member's DXCC Country code.
 - The Award Applications Folder Listing Window now allows Multiple File selections. This allows the user to Select and Move or Delete multiple application files.
 - The processing that backs up the current log database file has been converted to run as a background (thread) process. This change makes the log entry process a bit faster - especially when working with larger log files.

v02.00.02, 2013-11-01:

- New Capabilities & Features:
 - Added the capability to run multiple copies of the SKCCLogger program simultaneously.
 - Added WAS and WAS-C Award Processing.
- Changes to how the program works - not "seen" or necessarily noticed by the user:
 - Changes made to handle a changed format of the downloaded Membership Data file used by the Award Processor.

v02.00.01, 2013-10-19:

- Bug Fixes:
 - Fixed a bug in the Senator award application processing that had the effect to ignore the requirement to be a Tx8.
 - The "Add SKCC Numbers to Log" processing had an error working with callsigns that were imported in lowercase. The processing has been fixed to handle callsigns in lowercase.
- Changes to previous processing methods:
 - The "Save File" buttons in the Main Logger window and in the Add Log Entry window now remain visible at all times. The buttons are enabled or disabled as appropriate depending on whether or not changes have been made since the last file save operation.
 - A QSY request by button press, Tab, or Enter key now ignores a blank frequency entry.
 - A Tab or Enter key exit from the QSY Text field now changes focus to the Callsign Text field after the QSY is processed.
- New Capabilities & Features:
 - The "Sprint Bonus" processing has been changed:
 - The user can now specify a "Bonus Station" Callsign for a sprint.
 - The user can also specify a manual/extra bonus point value.
 - The user can edit the per band bonus point values assigned for a Centurion/Tribune/Senator or Bonus Station.
 - The Icom IC-765 has been added as a supported radio model.
- Changes to how the program works - not "seen" or necessarily noticed by the user:
 - A "Save selected as..." operation no longer adds the saved filename to the Recent Log List.
 - The Log Entry window has been renamed as the "Add Log Entry" window.
 - Some window layouts have been changed slightly to accommodate users that have selected to use a 125% font size in their screens.

v02.00.00, 2013-09-14:

- Bug Fixes:
 - Fixed a bug in the Add SKCC Numbers to Log processing that would not detect a "Null" field value.
- Changes to previous processing methods:

- During Program Startup, the message that used to advise that the local membership data was older than a specified age now provides an option to download current data immediately. You may also skip the download and complete it manually at a later time.
- Additional logging modes (PSK31, HELL, and RTTY) have been added.
- New Capabilities & Features:
 - Added a QSO Timer. Click on the QSO Time label in Log Entry Window.
 - Added a counter to the Add SKCC Numbers processing to tell the user how many numbers were added.
 - Added basic SKCC Award Application Processing. Current capabilities provide for Centurion, Tribune, Senator, and Prefix Awards.

v01.01.04, 2013-08-03:

- Bug Fixes:
 - Added code to handle a connected radio that stops responding to VFO Read requests.
 - Sprint Bonus was (sometimes) being lost during an ADIF Merge function. Added code to try to fix it.
- Changes to previous processing methods:
 - Made a minor change the Log Entry Window, QSY Field Mouse Wheel Scroll processing. Now, the mouse wheel scroll will change the frequency ONLY if the QSY Field has been selected and has the current "focus" of the program.
 - Created a separate window to handle downloading of SKCC Membership Data. This window is now available from three different places in the program.
- New Capabilities & Features:
 - Added processing to handle the new Senator level.
 - Membership Data Download can now be accomplished from three different places in the program:
 - By clicking the mouse on the "Members in DB" label in the lower left region of the Main window.
 - By selecting "Update Membership Data" from the "Options" menu.
 - By clicking on the "Update Membership Data" Push Button in the Program Options Window.
- Changes to how the program works - not "seen" or necessarily noticed by the user:
 - Log and membership databases were converted to SQLiteDatabase Class objects.

v01.01.03, 2013-07-06:

- Changes to previous processing methods:
 - Changed Log Entry window to set focus to Callsign field after Log Entry even when entering manual Date/Time/Freq/Band.
 - Log Entry Window "Clear All" function now sets focus to Callsign field even when entering manual Date/Time/Freq/Band.
 - Moved the Log Entry Window "Clear All" button to the lower left corner of the window to make it less likely to be hit inadvertently.
 - The application has been changed to consistently display dates in a standard format as defined by the user's International Formats setting for their PC.
- New Capabilities & Features:
 - None.
- Changes to how the program works - not "seen" or necessarily noticed by the user:
 - The application's Version number is no longer displayed in the Main Window Title Bar. The current Version and Build information is always available from the Help -> About menu option.
 - Loading of an ADIF Log no longer checks for duplicate entries. Duplicate log entries are checked and skipped ONLY during a file Merge operation.
 - The SKCCLogger Application has been created using a development system previously known as "Real Studio". Recently, the company changed their Application development system to "Xojo". Although it is hoped that the impacts of the change are minor, there will be some changes required to implement a new database system. These changes **should not** be noticed by the user.

v01.01.02, 2013-04-20:

- Bug Fixes:
 - Changed the processing used to refill the Log List Box whenever the Main Window is resized. The previous processing would occasionally cause the program to hang if the user moved the window while the program was loading an extra large log file.
- Changes to previous processing methods:
 - Duplicate QSOs with the same member on the same band are no longer counted in the QSO Count for computing Sprint Score. These QSOs were previously counted to allow for the past process of splitting 40M into two bands - above/below 7100 KHz.

- Callsigns that contain a slant ("/") are now treated differently.
 - The callsign is first treated exactly as entered and is searched for within the membership database.
 - If no match of the entered callsign is found, then each part is treated separately and looked up in the membership database.
 - The first match found (searching left to right) as either a member's primary callsign or as a member's past/other callsign will be used.
- New Capabilities & Features:
 - Users can now use "double click" on a Log List Box row as a request to edit the entry.
 - The Log Entry Window now includes an option to list "Partial Matches" of callsigns. The list is updated for every character entered and is finalized when the callsign entry is complete. Actual duplicate entries (same Call and same Band) are highlighted with a reddish background.
 - A "Add SKCC Numbers to Log" function has been added to the Tools Menu. This allows logs imported from other logging programs to be quickly updated with SKCC Numbers.
 - Added "Alt-S" shortcut to Log Entry Window as a shortcut for "Save" - same as hitting "Log It" button.
- Changes to how the program works - not "seen" or necessarily noticed by the user:
 - In the Delete Log Entry prompt, if the Frequency is blank, then the Band is listed.
 - If the user-entered band value does not include an "M", then the program appends one for the user.
 - When the logging mode is anything other than CW, then only the first two characters of the Default RST's are used as auto-fill values.
 - At program startup, the program now looks for a membership (skcclist.txt) file that is newer than the last one downloaded by the program. If one is found, the membership database will be loaded from the new file. This processing allows a user to download the list by themselves and copy it to the folder for the program to use.
 - Changed the processing for recovering from an Abnormal Shutdown to give the User the option to recover the previous log or start with no log file.
 - The Main Log List Box now recognizes the Ctrl-A key sequence as a shortcut to Select All rows.
 - All columns in the Main Window Log List Box are now User Resizable. Previously, the Row ID, Date, and Time columns were not resizable.
 - Added an input Mask of "##:##:##Z" to the QSO Time fields in the Log Entry and Log Edit Windows. The mask makes it a bit easier to manually enter

times.

v01.01.01, 2013-02-23:

- Changes to previous processing methods:
 - Removed "SPC Details" Push Button - Now just click on the "SPC Count" label.
 - Moved the "Reset Saved Window Position" option to the new Tools Menu.
 - Changed Log Entry and Log Edit processing to allow for users who want to mouse click from field to field rather than using the Tab or Enter Keys.
 - Changed Main Log List Box display by adding a Horizontal scroll bar, adding columns for Mode and RX Power, making most columns resizable, and allowing a smaller minimum width for the Main Window..
 - Added ability for user to select which columns are displayed in the Main Window Log List Box.
 - Main Window Log List Box column widths are now remembered and restored.
 - You can now Edit or Delete a single record in two ways. As in the past, you can right click a row and select either "Edit Row" or "Delete Row" from the context sensitive menu, or you can use the Main Window "Edit Row(s)" or "Delete Row(s)" buttons.
- New Capabilities & Features:
 - Added Tools Menu option to "Recover From Backup". This option provides the ability to recover from a catastrophic failure or operator error. It also provides a limited "Roll Back" option for the current Log.
 - Added Mouse Wheel QSY Scroll at rate of +/- 100 Hz per click.
 - Added "Run/S&P" Push Button to Log Entry Window to swap RST Tx and RST Rx assignments.
 - Added Program Option to select maximum number (2 to 25) of Recent Logs to maintain in the Reopen Recent Log list.
 - Added File Menu option to clear Recent Log List.
 - Added support for TenTec Argonaut V.
 - Added a "Edit Row(s)" push button to the Main Log Window to provide for Editing of 1 or more selected rows.
 - Added a "Delete Row(s)" push button to the Main Log Window to provide for Deletion of 1 or more selected rows.
- Changes to how the program works - not "seen" or necessarily noticed by the user:
 - Added code to Log Entry window to save/restore control focus whenever a push button or checkbox is clicked.

v01.01.00, 2013-01-26: (Major Upgrade Release)

- Bug Fixes:
 - Fixed a bug that would cause a "NilObjectException" when printing with no log file (Nil Database).
 - Fixed a bug that caused the sprint bonus to be lost when doing a file merge.
 - Fixed a bug that caused you to lose RX Power in the Log Edit Window.
- Changes to previous processing methods:
 - Added "DC" as a recognized US State Abbreviation and fixed the Canadian Province abbreviation for Newfoundland - was "NF" and should have been "NL".
 - Started treating TX & RX Power as floating point value rather than as an Integer. Now Decode and display RX & TX Power in Edit Window only if Numeric and greater than 0.
 - Stopped saving blank fields in an ADIF file and stopped decoding blank FREQ entries when loading an ADIF file.
 - Removed "Close Logger" Button from Main Window.
 - Added Message Box when user tries to shutdown with Log Entry window still open.
 - Renamed File Menu option "Save Log Data To..." to "Save Log As...".
- New Capabilities & Features:
 - Added "QSY" option with Auto-Clear option to Add Log Entry Window.
 - Added capability to save and recall more than one radio setup.
 - New processing checks for a "partial" log entry when the Log Entry window is closed. If it appears that a log entry was started but not completed, the User is warned with an option to either close the window or cancel and go back.
 - Added a Program Option to Save & Recall last window positions and Sizes. This was a non-user controlled action in prior versions.
 - Added a Menu Option to Reset ALL Window Positions.
 - Added a File Menu option "Save Selected As..." to save selected entries to an ADIF File.
- Changes to how the program works - not "seen" by the user:
 - Changed the way the User Guide is launched to be viewed.
 - Added startup processing to determine if the Main window's last saved position is still valid. This processing handles the case where a user had the Main window on a monitor that has been removed since the last time the program was run.

v01.00.10A, 2012-12-20:

- Fixed a bug in the Log Entry and Log Edit windows that would incorrectly list a similar call as a duplicate call. For example, W1XY would list as a duplicate with W1XYZ.
- Fixed a bug in the Log Entry process that would not allow you to manually enter any date other than current date.

v01.00.10, 2012-12-10:

- Added Program Option to refill Log List Box whenever the Main Window is resized.
- Added Program Option to log Transmission Modes of CW/SSB/AM/FM.
- Modified processing in the "Log Entry" and "Log Edit" windows to change the way non-blank fields are affected by auto-fill processing. If any auto-fill fields are non-blank the operator is presented with three options of how to handle non-blank fields: "Overwrite", "Fill-In Blanks", or "Leave All As-Is".
- Modified Program Options processing to allow unlimited maximum web download wait time. Also added informative messages of invalid or questionable values.
- Added an "Auto Log" option in the log Entry window to control the action of the "Enter" key. If enabled, the "Log It" action is the default action for the "Enter" key. If disabled, then the user must click the "Log It" button to complete a log entry.
- Changed startup processing to use existing membership RealSLQ Database rather than rebuilding it from the existing skclist.txt file.
- Changed Log Entry Date and Time tracking by freezing date and time when a call sign is entered and added the "Now" button to the Log Entry Window.

v01.00.09, 2012-11-16:

- Changed USA Country setting from "USA" to "United States".
- Modified the procedure that loads an ADIF Log File to NOT load a duplicate (same DATE/TIME/CALL/MODE) record.
- Fixed some bugs in the Log Entry and Log Edit routines that would cause an incorrect date to be logged when data was entered or edited between local New Day and Zulu New Day.
- Added Print function to the File Menu.

v01.00.08a, 2012-10-15:

- Changed membership data download routine to eliminate null characters in file downloaded from server.
- Fixed bug introduced in v01.00.08 to handle alternate calls. Some data lines have less than 6 fields in the membership file and these records were not processed properly.
- Fixed bug in "Check SKCC" processing that would return only the callsign but not the membership info.

v01.00.08, 2012-10-06:

- Added Icom IC-7200 to Radio Selection list.
- Fixed bug that prevented user from saving/restoring a non-standard Icom CIV Port value.
- Added Icom IC-703 to Radio Selection list.
- Added recognition of Canadian Territories NT, NU, and YT to Logger.
- Added code to check "Alternate/Past" Callsigns during Log Entry.

v01.00.07, 2012-08-20:

- Added code to save and restore the position and size of each window used by the application.
- Changed Construct Contextual Menu code to allow Edit or Delete options even when the Log Entry window is open.
- Eliminated the "Log Changes will be saved" label from the Log Entry Window.
- Converted the User Guide from a plain text file displayed in a separate window to a Compiled Hypertext (.chm) file format.

v01.00.06, 2012-08-11:

- Bug Fix: Log Entry "Clear All" button now resets all text field background colors.
- Added code: Clicks on Main Log List Box will alternately select/de-select the row.
- Changed Log Edit Open code: "Save Changes" button is now initially enabled.
- Added Elecraft KX3 Radio to selection drop down list.

v01.00.05, 2012-07-27:

- Modified Frequency display to be to Hertz level - decimal MHz with 6 digits after decimal point.
- Modified TX & RX RST validation tests.
- Modified TX & RX Power Validation tests.
- Minor tweaks to some window form labels.

v01.00.04, 2012-07-15:

- Major revision to handling computation and display of sprint statistics.
- Added Sprint Bonus entry box with value saved in Sprint info Table of Log Database File and also in ADIF Header of a log file.
- Added SPC Details Display Window.

v01.00.03, 2012-06-20:

- Fixed oversight that made "RX Pwr" sticky on the Log Entry window - its contents were not being cleared by the code.
- Added label to the Previous QSO List Box in the Log Entry and the Log Edit Windows.
- Changed code to prevent overwriting current field in Log Entry window when using auto-fill. There was a problem that a previously entered RST or Name would be overwritten if the "Check Call" or "Check SKCC" button was pressed or is if the Callsign field lost focus again.
- Added "Export to CSV" menu option.
- Changed the Date Text Field format label in the Log Entry and Log Edit Windows to show current format based on local Regional Setting on the PC.
- Made minor change to how the frequency write command for Ten-Tec radios is created to ensure that there are always 4 bytes in the frequency value.
- Modified Global "LoadRadioInfo()" method to make future additions and re-ordering of radios easier.
- Added interface for TenTec Omni VII.
- Added interface for TenTec Omni VI Plus.
- Added interface for Yaesu FT-920.
- Added keyboard shortcuts to Log Entry window.
- Changed Radio Setup Window to preset Pull-Down selections to previous values,

eliminated previous setting labels, and deleted clear setup button.

- Changed Radio Setup Window. The "Open Port"/"Close Port" Pushbutton is now the same button. Also moved the setting for polling rate of the radio's VFO from the Program Options Window to the Radio Setup window.

v01.00.02, 2012-06-07:

- Fixed a bug that changed the Country to "DX" during log entry or log edit when the leaving the State field with an abbreviation that was not either a US State, US Possession, or Canadian Province. Will now set the Country field to "DX" ONLY if the Country field is Blank and the State field is not an abbreviation for a US State, US Possession, or Canadian Province.

v01.00.01, 2012-06-07:

- Enhanced, corrected, and added Source Code documentation and comments.
- Added the "Copy to Clipboard" push button to the Radio Setup window.
- Changed Global "GetRadioFreq" and "SetRadioFreq" methods to add status to Raw Data List Box.
- Deleted calls to RadioPort.XmitWait() after sending commands to radio.
- Deleted calls to RadioPort.Reset() before sending commands to radio.

v01.00.00, 2012-05-31:

- Initial, non-Beta, release.

Next section: [To-Do List and Known Bugs](#)