

Introduction – The purpose of this note is to provide installation instructions and comments on a patch for the CQ/X Client software. The patch applies to version 1.7.6 of the software and is provided to implement the enhancements and fix the problems described below.

Previous Patches – This is the ninth patch for version 1.7.6. Users of version 1.7.5 that have installed all of the patches for that version and 176-01, 176-02, 176-03, 176-04, 176-05, 176-06, 176-07, and 176-08 can apply this patch without downloading version 1.7.6. Other users should first download and install a full copy of version 1.7.6 from www.no5w.com then apply patches 176-01, 176-02, 176-03, 176-04, 176-05, 176-06, 176-07, 176-08, and 176-09 in that order. Note that although there was a problem with 176-04 you should still install it to implement the non-problematic changes. The problem was fixed in patch 176-05.

Installation – In addition to these notes the zip file associated with this patch contains a setup file for automatically installing the patch in C:\Program Files\CWSoft\CQXClient\ **WARNING: Please note that the setup file assumes that you have installed the program in C:\Program Files\CWSoft\.** If this is not the case you can still run the setup but following this you will need to manually copy each of the files to their corresponding directories in your location. Here's a list of the files contained in this patch and a description of where they will be installed.

| File | Installation |
|--|---|
| CQXClient.exe CabrilloTags.txt | This is the main executable and a file containing the Cabrillo tag definition. They replace the files of the same name in the main directory which in the standard installation is C:\Program Files\CWSoft\CQXClient\ |
| SioElecraft.DLL SioIcom.DLL SioKenwood.DLL SioYaesu.DLL | These are the DLLs that implement the interface to the radios. They replace the files of the same names in the Radios subdirectory which in the standard installation is C:\Program Files\CWSoft\CQXClient\Devices\Radios\ |
| SioWinKey.DLL SioMLKey.DLL | These are the DLLs that implement the interface to the keyers. They replace the files of the same names in the Keyers subdirectory which in the standard installation is C:\Program Files\CWSoft\CQXClient\Devices\Keyers\ |
| TQP.DLL | This is the DLL that implements state QSO party specific logic including the county detection. It replaces the file of the same name in the ContestDefns subdirectory which in the standard installation is C:\Program Files\CWSoft\CQXClient\ContestDefns |
| CQXClient.Msg | This is the message template file. It replaces the file of the same name in the ContestDefns subdirectory which in the standard installation is C:\Program Files\CWSoft\CQXClient\ContestDefns |
| Devices.DAT | This is the file listing the supported devices and associated parameters for the interface. It replaces the file of the same name in the Devices subdirectory which in the standard installation is C:\Program Files\CWSoft\CQXClient\Devices |
| SioYaesu2K9K.DLL | This is the DLL that implement the interface to the FT-2K/9K radios. It is a new file residing in the Radios subdirectory which in the standard installation is C:\Program Files\CWSoft\CQXClient\Devices\Radios\ |
| CQxCommands.dat | This is the file containing the assignable tasks. It replaces the file of the same name in the main directory which in the standard installation is C:\Program Files\CWSoft\CQXClient\ |

Problems Addressed/Enhancements – The following problems/enhancements are addressed.

| Problem/Enhancement | Description |
|-----------------------------------|---|
| Radio interfaces do not work with | Modified the code in the interface DLLs to allow port numbers |

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| port numbers above 99 | from 1-254 |
| Keyer interfaces do not work with port numbers above 99 | Modified the code in the interface DLLs to allow port numbers from 1-254 |
| Route planning dialog is too tall for some laptops and some screen resolutions | The dialog has been shortened. |
| It would be nice to have a Delete All button on the form for defining waypoints. | A Delete All Way Points button has been added to that dialog. |
| Currently logged call signs are only showing up on the Similar Calls display after a restart. | Calls are now added to the Similar Calls list as each QSO is logged. |
| Clearing RIT on the K3 More display doesn't result in a display update | Problem has been fixed |
| In multi-county line operation there should not be a need to tab to log the last QSO in the sequence | Problem has been fixed. Focus will advance automatically to the final Log button after the final Send button has been processed. |
| Additional keys are needed when using the Multi-County Line dialog | The following keys were added to the Multi-County Line dialog F1 – Sends CQ, F2 – Sends Exchange, F3-Terminates QSO Sequence, F5- Sends Call, F9/F10 – Speed Up/Down. Also added ability to use Shift+Enter to send last word followed by a question mark. |
| After defining the counties in a multi-county line operation the exchanges are automatically populated but it is necessary to manually define the CQ and CQT messages | Added MCQ and MTU messages to the template and logic to automatically populate these messages with the county abbreviations involved in the multi-county line operation. |
| When using a function key to initiate an S&P QSO the Enter key does not work properly. | Problem has been fixed. Following S&P operation initiated by the function key assigned to SEND_SP the Enter key will send the S&P exchange and silently log the QSO |
| On the Port Connections page it is desirable to have the Keyer and GPS device types default to WinKey and NMEA respectively since those are used in 99% of the cases. | Change has been implemented. Keyer and GPS devices will appear in the order in which they appear in the Devices.DAT file. |
| Need support for the Yaesu FT-2000 and FT-9000 radios. | Added support for the FT-2000 and FT-9000 |
| User would like to be able to toggle the Auto CQ with an assignable function key | Added an assignable task to toggle the Auto CQ and an indicator of the Auto CQ status. Toggle of the Auto CQ applies to the keyer currently in use. |
| User would like a Home Key that would return the cursor to the QSO Entry window | Added a Home Key as an assignable task. The assigned key will return the cursor to the QSO Entry window of the currently active radio. |
| The task to display previous QSOs with the current station would be more useful if it was automatic rather than require pressing an assigned function key. | This task has been made automatic and the task removed from the assignable task list. |