

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 third 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 and 176-02, 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, and 176-03 in that order.

Installation – In addition to these notes the zip file associated with this patch contains a setup file for automatically installing the patch in C:\ProgramFiles\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 |
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| CQXClient.exe CQxClient.Hlp CqxClient.cnt | This is the main executable and associated on-line help files. They replace the files of the same names in the main directory which in the standard installation is C:\Program Files\CWSoft\CQXClient\ |
| CQxClient.pdf | This is the the help file in user manual format and replaces the file of the same name in the documents sub-directory which in the standard installation is C:\Program Files\CWSoft\CQXClient\Documents\ |
| SioElecraft.DLL | This is the DLL that implements the interface to the Elecraft K3. It replaces the file of the same name in the Radios subdirectory which in the standard installation is C:\Program Files\CWSoft\CQXClient\Devices\Radios |
| CQxCommands.dat | This is the file that contains a list of the tasks that can be assigned to a key stroke. It replaces the file of the same name in the main directory which in the standard installation is C:\Program Files\CWSoft\CQXClient\ |
| CO_Cty.mlt | This is the mult file for the Colorado QSO Party. It replaces the file of the same name in the ColoradoQSOParty directory which in the standard installation is C:\Program Files\CWSoft\CQXClient\ContestDefns\ColoradoQSOParty |
| 7QP_Cty.mlt plus polygon files for WA in 7QP | This is the mult file for the 7QP Party and the WA polygons for use in 7QP. They replace files of the same name in the 7QP QSO Party directory which in the standard installation is C:\Program Files\CWSoft\CQXClient\ContestDefns\7QP_QSOParty |
| TQP.DLL | This is the DLL that handles all of the QSO parties. It replaces the file of the same name in the Contest Definitions subdirectory which in the standard installation is C:\Program Files\CWSoft\CQXClient\ContestDefns\ |
| NEQP_Cty.mlt | This is the multiplier file for the New England QSO Party. It replaces the file of the same name in the NewEnglandQSOParty subdirectory which in the standard installation is C:\Program Files\CWSoft\CQXClient\ContestDefns\NewEnglandQSOParty |
| NEQP_Polygons sub-directory | This is the directory containing the boundary definitions for the counties in the New England QSO Party. It replaces the directory of the same name in the NewEnglandQSOParty subdirectory which in the standard installation is |

| | |
|--|---|
| | C:\Program Files\CWSoft\CQXClient\ContestDefns\ NewEnglandQSOParty |
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Problems Addressed/Enhancements – The following problems/enhancements are addressed.

| Problem/Enhancement | Description |
|--|--|
| I prefer using an assignable key to enable AF Gain adjustments without the need for opening the radio's more function. | The tasks of incrementing/decrementing AF Gain can now be assigned to function keys or function keys plus ALT, CTRL, SHIFT. The Elecraft K3 is currently the only radio supporting this feature. |
| It would be nice to be able to choose to automatically touch up the tuning with the ATU after tuning the antenna with the ATU bypassed | Feature added for the K3. Escape terminates the tuning process without activating the ATU, whereas Shift+Escape terminates the tuning process and activates the ATU. Feature is currently only applicable to the K3. |
| RioGrande County is missing from the ColoradoQSOParty mult file | Fixed the mult file to include RioGrande county. |
| Two WA counties are missing from the 7QP polygons | Two WA counties (Benton and Mason) were missing from the polygon files due to problems in the mult file. Problem was fixed. |
| It would be nice if you didn't have to remove the commas and parentheses from the Crossing file obtained using the Crossing File Tool. | The process for importing the crossing file has been modified to ignore any commas and parentheses included in the file. |
| Some counties in the 7QP and NEQP require multiple polygons for a full description | Modified the logic to produce the KML file and the point containment logic to cover this case. Also optimized the order of the sub-polygons in each polygon file on the basis of approximate size of the sub-polygon region. |
| In the New England QSO Party it would be nice to be able to input the three-letter abbreviations and have the program log the five-letter versions | The NEQP_Cty.mlt file has been modified to allow use of the three-letter abbreviations as aliases for the "official" five-letter abbreviations. |