

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 1.7.7 of the software and is provided to implement the enhancements and fix the problems described below.

Previous Patches – This is the fifth patch for version 1.7.7. Users of version 1.7.6 that have installed all of the patches for that version, Patch 177-01, Patch 177-02, Patch 177-03, and Patch 177-04 can apply this patch without downloading version 1.7.7. Other users should first download and install a full copy of version 1.7.7 from www.no5w.com then apply Patch 177-01, Patch 177-02 Patch 177-03, Patch 177-04 and then Patch 177-05.

Installation – In addition to these notes the zip file associated with this patch contains a setup file for automatically installing the patch in C:\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
CQXClient.exe CabrilloTags.txt CQxClient.hlp CQxClient.cnt	These are the main executable, a file containing the Cabrillo tag definitions, and files for the on line help. They replace the files of the same name in the main directory which in the standard installation is C:\Program Files\CWSoft\CQXClient\
CQxClient.pdf	This is the help file in user manual format. It replaces the file of the same name in the documents subdirectory which in the standard installation is C:\Program Files\CWSoft\CQXClient\Documents
ConList.dat	This is the file containing a list of supported contests and their definition and DLL files. 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\
TQP.DLL	This is the DLL that supports all of the state QSO parties. It replaces the file of the same name in the ContestDefns subdirectory which in the standard installation is C:\Program Files\CWSoft\CQXClient\ContestDefns\
SioElecrafft.DLL	This is the DLL that implements the interface with the 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
SioWinKey.DLL	This is the DLL that implements the interface with the WinKey. It replaces the file of the same name in the Keyers subdirectory which in the standard installation is C:\Program Files\CWSoft\CQXClient\Devices\Keyers
ALQP_Polygons CAQP_Polygons FQP_Polygons MDQP_Polygons MIQP_Polygons MSQP_Polygons NYQP_Polygons NEQP_Polygons (RI counties) VAQP_Polygons	These are the subdirectories of their respective state QSO party directories that contain the shape files for each county in the given state. In the standard installation these are located in C:\Program Files\CWSoft\CQXClient\ContestDefns\xxxQsoParty\xxQP_Polygons
Subdirectory: ConnecticutQsoParty	This is the subdirectory containing definition and other files for the Connecticut QSO Party. In the standard installation this is a subdirectory of C:\Program Files\CWSoft\CQXClient\ContestDefns\

WiQP.def	This is the definition file for the Wisconsin QSO Party and replaces the file of the same name in the WisconsinQsoParty subdirectory which in the standard installation is a subdirectory of C:\Program Files \CWSoft \CQXClient\ ContestDefns\
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Problems Addressed/Enhancements – The following problems/enhancements are addressed.

Problem/Enhancement	Description
Tiger2009 data provides a better county boundary model. In particular this is true for county lines on bridges over a long expanse of water.	The entire US has been reviewed for states where TIGER2009 data provides a better model and in those cases the polygons defining the counties have been replaced with TIGER2009data. County boundary models have been updated for the following states: Alabama, California, Maryland-DC, Michigan, Mississippi, New York, Rhode Island, Virginia.
Support has been requested for the new Connecticut QSO Party	Support has been added for the CT QP.
When Auto CQ is enabled and a county line is crossed the program continues to send the CQ associated with the previous county.	This has been fixed and the user is provided with two options for Auto CQ behavior following a county change: <ul style="list-style-type: none">• Auto CQ terminates and requires a press of the enter key to restart with the new county in the CQ message• Auto CQ resumes following any announcement of the new county and with the new county in the CQ message
When Auto CQ is enabled and a QSO is logged the program terminates the Auto CQ requiring a press of the Enter key to resume.	This has been fixed and the user is provided with two options for Auto CQ behavior following logging of a QSO: <ul style="list-style-type: none">• Auto CQ terminates and requires a press of the enter key to restart• Auto CQ resumes following the CQT message
When using Auto CQ with a serial WinKey back-to-back Cqs are sent without the desired delay	This problem has been fixed.
It would be nice for K3 users to have a positive, difficult to overlook, indication on the screen that the K3 is in Test mode.	This has been implemented.
It would be nice to have a small K3 control interface containing only a subset of controls since the current interface takes up a lot of screen real estate.	The requested K3 control subset interface has been implemented.
In the WiQP multiplier credit should be given for WI for a WI station working another WI station. This is in addition to any county multiplier.	This has been fixed.
It would be nice to be able to set the session clock to Today for those cases where a general date/time for the contest are not available	This capability has been added to the session page of the Wizard.