

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

Previous Patches – This is the first patch for version 1.7.9. Users of version 1.7.8 that have installed all of the patches for that version can apply this patch without downloading version 1.7.9. Other users should first download and install a full copy of version 1.7.9 from www.no5w.com then apply Patch 179-01.

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\. **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, and a file containing the Cabrillo tag definitions, and files supporting 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\
DevelopingCrossingFileUsingGoogleMap.pdf	This is a supporting document describing two methods of developing county line crossing files using Google Maps. It replaces the file of the same name in the Documents subdirectory which in the standard installation is C:\Program Files\CWSoft\CQXClient\Documents\
SioElecraft.dll	This is the DLL file that implements the interface to the K2 and K3 radios. 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\
NA_Sprint.DLL	This is the DLL file that runs the NA Sprint and the NCCC NS Sprint. The file resides in the ContestDefns subdirectory which in the standard installation is C:\Program Files\CWSoft\CQXClient\ContestDefns\
TQP.DLL	This is the DLL file that runs all state QSO parties. The file replaces the file of the same name residing in the ContestDefns subdirectory which in the standard installation is C:\Program Files\CWSoft\CQXClient\ContestDefns\
SimGPS.exe	This is the executable for the GPS simulator. It replaces the file of the same name residing in the GPS_Simulator subdirectory which in the standard installation is C:\Program Files\CWSoft\CQXClient\Devices\GPS_Simulator\
OKQP.def	This is the definition file for the Oklahoma QSO party. It replaces the file of the same name residing in the OklahomaQsoParty subdirectory which in the standard installation is C:\Program Files\CWSoft\CQXClient\ContestDefns\OklahomaQsoParty\
NHQP.def	This is the definition file for the NewHampshire QSO party. It replaces the file of the same name residing in the NewHampshireQsoParty subdirectory which in the standard installation is C:\Program Files\CWSoft\CQXClient\ContestDefns\NewHam

	pshireQsoParty\
OHQP_Cty.mlt	This is the file containing the county mults for the Ohio QSO Party. It replaces the file of the same name residing in the OhioQsoParty subdirectory which in the standard installation is C:\ProgramFiles\CWSoft\CQxClient\ContestDefns\OhioQsoParty\
MOQP.def	This is the definition file for the MissouriQSO party. It replaces the file of the same name residing in the MissouriQsoParty subdirectory which in the standard installation is C:\ProgramFiles\CWSoft\CQxClient\ContestDefns\MissouriQsoParty\
GAQP.def	This is the definition file for the GeorgiaQSO party. It replaces the file of the same name residing in the GeorgiaQsoParty subdirectory which in the standard installation is C:\ProgramFiles\CWSoft\CQxClient\ContestDefns\GeorgiaQsoParty\
KSQP.def	This is the definition file for the Kansas QSO party. It replaces the file of the same name residing in the KansasQsoParty subdirectory which in the standard installation is C:\ProgramFiles\CWSoft\CQxClient\ContestDefns\KansasQsoParty\
NJQP.def	This is the definition file for the NewJersey QSO party. It replaces the file of the same name residing in the NewJerseyQsoParty subdirectory which in the standard installation is C:\ProgramFiles\CWSoft\CQxClient\ContestDefns\NewJerseyQsoParty\
NYQP.def	This is the definition file for the NewYork QSO party. It replaces the file of the same name residing in the NewYorkQsoParty subdirectory which in the standard installation is C:\ProgramFiles\CWSoft\CQxClient\ContestDefns\NewYorkQsoParty\
NCQP.def	This is the definition file for the NorthCarolinaQSO party. It replaces the file of the same name residing in the NorthCarolinaQsoParty subdirectory which in the standard installation is C:\ProgramFiles\CWSoft\CQxClient\ContestDefns\NorthCarolinaQsoParty\
WIQP.def	This is the definition file for the WisconsinQSO party. It replaces the file of the same name residing in the WisconsinQsoParty subdirectory which in the standard installation is C:\ProgramFiles\CWSoft\CQxClient\ContestDefns\WisconsinQsoParty\
IDQP.def	This is the definition file for the IdahoQSO party. It replaces the file of the same name residing in the IdahoQsoParty subdirectory which in the standard installation is C:\ProgramFiles\CWSoft\CQxClient\ContestDefns\IdahoQsoParty\
INQP.def	This is the definition file for the IndianaQSO party. It replaces the file of the same name residing in the IndianaQsoParty subdirectory which in the standard installation is C:\ProgramFiles\CWSoft\CQxClient\ContestDefns\IndianaQsoParty\
MTQP.def	This is the definition file for the MontanaQSO party. It replaces the file of the same name residing in the MontanaQsoParty

	subdirectory which in the standard installation is C:\ProgramFiles\CWSoft\CQxClient\ContestDefns\MontanaQsoParty\
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Problems Addressed/Enhancements – The following problems/enhancements are addressed.

Problem/Enhancement	Description
Clicking on Split on the K3 interface should force VFO-B to the current VFO-A band if it is not already there.	This has been implemented.
The Waypoint Tracking feature is nice but the flicker on each GPS update is distracting.	The flicker has been reduced by slowing down the update of this dialog to be no sooner than 30 secs since the last update. Within that constraint an update will occur if either the waypoints to be displayed have changed, or the order of the waypoints has changed or the distance to any waypoint has changed by more than .5 miles.
An external exception error is thrown when trying to run NA Sprint and NCCC Sprint.	The updated version of the DLL that runs these contests was inadvertently omitted from Patch 178-11 and base 1.7.9. The problem has been fixed.
I could not log a KG4 station in the MSQP since KG4 was not accepted as a QTH. It was however accepted as a multiplier when manually inserted in the log. Similarly for KH0, KH1, KH2, KH3, KH4, KH5, KH7, KH8, and KH9.	This problem has been fixed.
When I try to log an LY or LZ station the logged QTH is LADX	This problem has been fixed.
When I try to use the GPS simulator with some external projectors the dialog does not fit on the screen and cannot be resized.	This problem has been fixed by making the dialog resizable.
I'm unable to log Hawaii QSOs in the OKQP	This problem has been fixed.
I'm unable to log Hawaii QSOs in the PAQP	This problem has been fixed.
In the New Hampshire QP the program issues an error message that the County Source file can not be found.	This problem has been fixed.
I cannot log HI in the Ohio QP except by logging KH6. HI is detected as county HIGH.	This problem has been fixed.
Attempts to directly enter the county in the Missouri QP results in an access error	This problem has been fixed
I'm unable to log Hawaii QSOs in the GAQP	This problem has been fixed
I'm unable to log Hawaii QSOs in the KSQP	This problem has been fixed
I'm unable to log Hawaii QSOs in the NJQP	This problem has been fixed
I'm unable to log Hawaii QSOs in the NYQP	This problem has been fixed
I'm unable to log Hawaii QSOs in	This problem has been fixed

the NCQP	
I'm unable to log Hawaii QSOs in the WIQP	This problem has been fixed
I'm unable to log Hawaii QSOs in the IDQP and KH7K is being given mult credit when it should not	This problem has been fixed
I'm unable to log Hawaii QSOs in the INQP and KH7K is being given mult credit when it should not	This problem has been fixed
I'm unable to log Hawaii QSOs in the MTQP and KH7K is being given mult credit when it should not	This problem has been fixed
When using CQ/X as a mobile and I have a county with multiple exits I get a flashing Multiple Crossing indication that I cannot silence by selecting the next crossing	This problem has been fixed
Even with the overlay tool on the website I still find the development of crossing files tedious. It would be nice to be able to produce them from a Google map or other type of map.	A feature has been added for Building a Route Plan using a Google Map. This includes automatically finding the county line crossings and, during operation, enables distances to be calculated along the drive path rather than radially. Use of the approach is documented in Developing Crossing Files Using Google Maps