

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 1.8.0 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 1.8.0. Users of version 1.7.9 that have installed all of the patches for that version can apply this patch without downloading version 1.8.0. Other users should first download and install a full copy of version 1.8.0 from www.no5w.com then apply Patch 180-01.

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	These are the main executable, and a file containing the Cabrillo tag definitions. They replace the files of the same name in the main directory which in the standard installation is C:\Program Files\CWSoft\CQXClient\
Directory MARAC_Polygons	Files in this directory are the lat/lon shapefiles for the counties in the MARAC QSO Party and replace files of the same name.
Directory MIQP_Polygons	Files in this directory are the lat/lon shapefiles for the counties in the Michigan QSO Party and replace files of the same name.
TQP.DLL	This is the DLL that drives all of the state/province QSO parties. It replaces the file of the same name in the ContestDefns directory, which in the standard installation is C:\Program Files\CWSoft\CQXClient\ContestDefns\ .
SimGPS.exe	This is the executable that runs the GPS simulator. It replaces the file of the same name in the GPSSimulator subdirectory which in the standard installation is C:\Program Files\CWSoft\CQXClient\Devices\GPSSimulator\ .
ARRL_RAC_Sections.mlt ARRL_SEC.dat	These are files containing the definitions of the sections used in some ARRL contests. They replace the files of the same name in the ContestDefns directory, which in the standard installation is C:\Program Files\CWSoft\CQXClient\ContestDefns\ .
ARQP.def	This is the definition file for the Arkansas QSO party. It replaces the file of the same name in the ArkansasQsoParty directory.
SioElecrafft.dll	This is the DLL file that runs the interface with the Elecraft radios. It replaces the file of the same name in the Radios directory which in the standard installation is C:\Program Files\CWSoft\CQXClient\Devices\Radios\ .
CQxCommands.dat	This is the file that defines all of the available key-assignable tasks. It replaces the file of the same name in the root program directory which in the standard installation is C:\Program Files\CWSoft\CQXClient\

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

Problem/Enhancement	Description
It would be helpful if there was a default GPS log in QSL Ready format. I seem to always forget to start this log.	This default has been implemented.
The polygons in the MARAC QSO party are out of date.	The MARAC polygons have been updated.
The polygons in the Michigan QSO	The MIQP polygons have been updated.

Party are out of date.	
It is unclear where the Default GPS log is saved	This has been fixed.
I've noticed that sometimes the lat/lon captured in the GPS log is in the next county rather than the one I just left where the QSO was started. This occurs when I'm making a QSO just as the county line is crossed.	This has been fixed. The lat/lon that is logged is now the lat/lon existing at the start of the QSO.
On a recent usage of the Google Map KML lat/lon drive path I noticed that CQ/X crashed when I went passed the end of the defined route.	This has been fixed.
On a long trip (e.g. Orlando-Seattle) the Find Crossings process stalls before completing the trip.	This has been fixed
I would like to be able to create a trip for use in the GPS Simulator from a download of a Google map.	This feature has been added – see menu item Create a Trip from a KML File under the Trips menu.
The Ontario section has been split into four sections.	The section definitions for ARRL SS and Field Day have been modified.
In VHF/UHF contests it would be useful to be able to perform grid crossing analysis from a Google map similar to that analysis for counties	This feature has been added – see menu item Build Grid Crossings Using a Google Map under the QP Tools menu.
It would be useful to provide the crossings in a CSV file for import into Streets and Trips	This feature has been added – see the button on the Crossings dialog labeled “Export as CSV Text”.
There have been some rule changes in the Arkansas QSO Party	A new definition file has been included to address these changes.
Trying to use the program here in the UK I get an error message indicating invalid date the second time I start the program.	This has been fixed
For mobile operation it would be useful to be able to develop time requirements for a given route in order to help evaluate the feasibility of the route	A Timing Analysis feature has been added – see the Perform Timing Analysis menu item under QPTools.
Using the internal keyer of the K3 extra characters are being sent at the end of the CQT message.	This has been fixed.
I would like to define a function key that will send the TU message without requiring that all the exchange info is present in the entry window	This capability has been added – assign the task SEND_CQT_NOLOG to the desired key.
Operating from inside KS in the KSQP I was not able to log K2NV/VE3 as being in ON	This has been fixed.
It would be useful to be able to convert the GPX file produced by Streets and Trips to the KML format	This has been added. <ol style="list-style-type: none"> 1. Develop your route in Streets and Trips 2. Export the route as a GPX file

required by Google Maps effectively allowing a Streets & Trips route to be imported into Google Maps	<ol style="list-style-type: none">3. Use Define Waypoints to import the GPX4. Use Export as KML on the Define Waypoints dialog to export the route as a KML5. Import the KML into Google Maps
When trying to use the Phonetic Cues for county abbreviations the cues sometimes appear off screen.	This has been fixed.
When I upgraded XP to SP3 the program would not restart.	This has been fixed.