

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. It is the final patch for version 1.8.0.

Previous Patches – This is the seventeenth patch for version 1.8.0. Users of version 1.7.9 that have installed all of the patches for that version and Patches 180-01 through 180-16 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 Patches 180-01 through 180-16 followed by Patch 180-17.

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. On a Win 7/10 system the directory Program Files referenced below will be Program Files (x86). CQ/X is a 32-bit application.

Please Note: On Win7 and later you should run CQ/X as administrator.

File	Installation
CQXClient.exe CabrilloTags.txt	These are the main executable and a file containing the Cabrillo tag definitions and version information. They replace the files of the same name in the main directory which in the standard installation is C:\ProgramFiles\CWSoft\CQXClient\
DevelopingCrossingFileUsingGoogleMap.pdf	A help document describing how to use data from a Google Map to find the county line crossings of a proposed trip. The file replaces a file of the same name residing in the Documents subdirectory which in the standard installation is at C:\ProgramFiles\CWSoft\CQXClient\Documents\
TQP.DLL	This is the DLL that runs all of the state QSO parties, the grid chase and cross-country mobile operations. It replaces the file of the same name in the ContestDefns subdirectory which in the standard installation is C:\ProgramFiles\CWSoft\CQXClient\
DevelopPathKml.pdf GridChase-UseInStateQP.pdf UsingTheExampleGridChaseTrips.pdf GridChase-Overview.pdf	Help documents describing the functionality and use of CQ/X for the Grid Chase. Files reside in the Documents subdirectory which in the standard installation is at C:\ProgramFiles\CWSoft\CQXClient\Documents\
MsgDefnsHelpFile.pdf	A help document describing the meaning and use of the different messages available in CQ/X. The file replaces a file of the same name residing in the Documents subdirectory which in the standard installation is at C:\ProgramFiles\CWSoft\CQXClient\Documents\
UserNotesForMobileOps.pdf	A help document collecting useful notes for use by the mobile operator. The file replaces a file of the same name residing in the Documents subdirectory which in the standard installation is at C:\ProgramFiles\CWSoft\CQXClient\Documents\
PathKMLs directory containing LA-MS-LOOP-LatLon.kml and SAR-DEN-NORTH-LatLon.kml	This is a new subdirectory under Documents which contains two KML files referenced in UsingTheExampleGridChaseTrips.pdf. In the standard installation it is at C:\ProgramFiles\CWSoft\CQXClient\Documents\PathKMLs\

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

Problem/Enhancement	Description/Status
Minor revisions of the documents listed above	Done

County detection sometimes stops updating when the route passes through or, due to sampling period, appears to jump across a very short county (<.20 miles)	Fixed
The county line crossing calculation will hang up if the route passes through a state that was not identified at the beginning of the grid chase definition.	A check has been added to verify that all states touched by the route are included and an advisory message is issued to the user if there are “extra” states touched by the path
The GPS simulator sometimes hangs when creating a trip from a KML file	Fixed

Known Problems Remaining – The following problems/enhancements remain to be addressed.

Problem/Enhancement	Description/Status
Please implement support for using the internal keyer of the TS-480	
The CQX-Driver color scheme and font size on the Android device should be modified to improve its readability.	
For radios that support SWR detection I would like to be able to create a plot of SWR for a specified range of frequencies	
Automatic detection of ports and their baud rates for each device would be beneficial	
Auto-fill is logging the previous exchange even when it is from a mobile in a new county.	Note: Reported by K5PI
The Arizona QSO Party has changed the information in its exchange	
Please add support for the IC-7100	
In the Texas QP scoring the bonus for working mobiles in five or more counties appears to be included twice	
Please add ability to segment a long trip into daily trips based on user input	