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 ninth patch for version 1.8.0. Users of version 1.7.9 that have installed all of the patches for that version and Patch 180-01, 180-02, 180-03, 180-04, 180-05, 180-06, 180-07, and 180-08 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, 180-02, 180-03, 180-04, 180-05, 180-06, 180-07, and 180-08 followed by Patch 180-09.

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

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:\ProgramFiles\CWSoft\ CQXClient**
ConList.dat	This is the file listing all of the supported contests and associated information including the DLL to use and the definition file. It replaces a file of the same name in the ContestDefns directory which in the standard installation is **C:\Program Files\CWSoft\ CQXClient\ContestDefns**
TQP.DLL	This is the DLL that is used with all 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**
WPX.DLL	This is the DLL that is used for the CQWW-WPX contests. It replaces the file of the same name in the ContestDefns subdirectory which in the standard installation is **C:\Program Files\CWSoft\ CQXClient\ContestDefns**
Marconi.DLL	This is the DLL that is used for the Marconi-HF contest. It is a new file that resides in the ContestDefns subdirectory which in the standard installation is **C:\Program Files\CWSoft\ CQXClient\ContestDefns**
StateOverlayTemplate.txt	This the template file into which state -specific javascript will be written to create the javascript file for running the given state's google map overlay. It is a new file that will reside in the ContestDefns subdirectory which in the standard installation is **C:\Program Files\CWSoft\ CQXClient\ContestDefns**
PrepareCountyOverlayFiles.pdf	This is a file containing notes on how to use CQ/X QSO Party Admin Tools to create KML Overlay and javascript files for implementing a county outline map. It is a new file that will reside in the Documents sub-directory which in the standard installation is **C:\Program Files\CWSoft\CQXClient\ Documents**
NotesOnCrossingFileDevelopment.pdf	This is a file containing notes on how to use Streets and Trips and CQ/X to create a crossing file. It is a new file that will reside in the Documents sub-directory which in the standard installation is **C:\Program Files\CWSoft\ CQXClient\Documents**
MissouriQsoParty directory	This is a directory of files for implementing the Missouri QSO

	party including new default message files, a file of calls to support the "spelling bee" feature, and a definition file. All of these files reside in the MissouriQsoParty directory which in the standard installation is a sub-directory of **C:\Program Files\ CWSoft\ CQXClient\ContestDefns**
BritishColumbiaQSOParty directory	This is a directory of files for implementing the British Columbia QSO party including new default message files, a subdirectory of polygons defining the new federal districts, and a definition file. All of these files reside in the BritishColumbiaQsoParty directory or subdirectory which in the standard installation is a sub-directory of **C:\Program Files\ CWSoft\ CQXClient\ContestDefns**
SouthCarolinaQSOParty directory	This is a directory of files for implementing the South Carolina QSO party including new default message files and a definition file. All of these files reside in the South CarolinaQsoParty directory which in the standard installation is a sub-directory of **C:\Program Files\ CWSoft\ CQXClient\ContestDefns**
NewJerseyQSOParty directory	This is a directory of files for implementing the New Jersey QSO party including new default message files and a definition file. All of these files reside in the NewJerseyQsoParty directory which in the standard installation is a sub-directory of **C:\Program Files\ CWSoft\ CQXClient\ContestDefns**
WASCNJQP directory	This is a directory of files for implementing the multi QP consisting of Washington Salmon Run, the South Carolina QSO Party, and the New Jersey QSO party. The files for this multi-QP reside in the WASCNJQP directory which in the standard installation is a sub-directory of **C:\Program Files\ CWSoft\ CQXClient\ContestDefns**
Marconi-HF directory	This is a directory of files for implementing the Marconi-HF contest including default message files and a definition file. All of these files reside in the Marconi-HF directory which in the standard installation is a sub-directory of **C:\Program Files\ CWSoft\ CQXClient\ContestDefns**
CWOpsCWT.def	This is the definition file for the CWOps-MiniCWT contest which replaces the file of the same name in the CWOps-MiniCWT directory which is a sub-directory of **C:\Program Files\ CWSoft\ CQXClient\ContestDefns**
Devices.DAT DevicesRtsDtr.DAT	These are the files that contain configuration information for the devices supported by CQ/X. They replace files of the same name in the Devices directory which is a sub-directory of **C:\Program Files\ CWSoft\ CQXClient**
SioKenwood.DLL	This is the DLL that supports use of the Kenwood radios. It replaces a file of the same name in the Radios directory, a sub-directory of the Devices directory which in the standard installation is **C:\Program Files\ CWSoft\ CQXClient\ Devices**
SioIcom.DLL	This is the DLL that supports use of the Icom radios. It replaces a file of the same name in the Radios directory, a sub-directory of the Devices directory which in the standard installation is **C:\Program Files\ CWSoft\ CQXClient\ Devices**
SioElecraft.DLL	This is the DLL that supports use of the Elecraft radios. It replaces a file of the same name in the Radios directory, a sub-directory of the Devices directory which in the standard installation is **C:\Program Files\ CWSoft\ CQXClient\ Devices**
NAQP.DLL	This is the DLL that supports the NAQP-CW and NAQP-SSB contests. It replaces the file of the same name in the ContestDefns

	direcory 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 which in the standard installation is a sub-directory of the Contest Defns directory **C:\Program Files\ CWSoft\ CQXClient\ ContestDefns**

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

Problem/Enhancement	Description/Status
Support for DVR playback would be useful	Voice keyer support has been added for the K3
Some Google map features are going away requiring an upgrade of Google maps that use KML files to use Javascript.	All Google maps on the website have been upgraded. A feature has been added that enables CQ/X to write Javascript code as part of the QSO Party Admin Tools menu item.
Some changes have been made to the Missouri QSO Party rules	Changes have been made to implement the new rules.
Federal districts in British Columbia have recently been redefined and with new boundaries resulting in new mults in the BC QP.	Changes have been made to reflect the new districts.
Some changes have been made to the South Carolina QSO Party scoring rules	Changes have been made to implement the new rules.
A warning to unzip KMZ to KML file before trying to use it in finding county line crossings would be helpful since I often forget and try to use the KMZ directly.	This has been implemented.
When developing a route using the new Google Map it is helpful to add the county overlays to the map. However the presence of the overlays in the downloaded "Entire Map" seems to confuse the CQ/X county line crossing locator.	This has been fixed
It would be helpful for the user to have capability of generating his own county overlay for use as a layer in the new Google Map while designing a route.	This feature has been added – see menu item "Generate a County Overlay for Google Maps" under QPTools.
On the first QSO following a restart on the first press after entering a call the program sends another CQ when it should send the exchange.	This has been fixed
In the CQWW-WPX CW contest the Enter key will not log the QSO.	This has been fixed.
The ability to create a route using a manually created county line crossing file seems to have been omitted in recent patches.	This has been fixed.
Please add the ability to create a crossing file from a Streets & Trips GPX Export.	This has been added

In CWOps-MiniCWT AR, OR, and UT appear to be treated as aliases of their DX mults (AP, ON, UR)	This has been fixed.
Please add support for the Marconi HF Contest	This is partially complete. Ability to log the contest is included but proper scoring remains to be done
Please add support for the IC-7600	Support has been implemented
Please add support for the IC-7200	Support has been implemented
NAQP will not accept initials as the name.	This has been fixed. Initials that are not also state/province abbreviations are now allowed.
There have been some changes to the New Jersey QSO Party	Changes have been made to implement the new definition.
Changing of the date of the NJQP has created the need for a multi-QP consisting of the WA, SC, and NJ QSO Parties	This multi-QP has been implemented.
Some changes have been made to the rules of the Arkansas QSO Party	The ARQP has been revised.