

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 eight 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, and 180-07 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, and 180-07 followed by Patch 180-08.

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\
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\
CQX-Driver.apk	This is the file that implements the Android device end of the Driver interface to allow communication of certain status information to the driver wirelessly via an Android phone or tablet. It is a new file which resides in a new directory (Android) located on the following path C:\Program Files\CWSoft\CQXClient\Devices\Android\
CreateLogsOnAMapPage.pdf PostingRoutesOnGoogle.pdf ShowActivityUsingAGoogleMap.pdf	These are documentation files that describe how to create the logs on a map web page, how to post a route on Google maps, and how to show activity using a Google map. They reside in a the Documents directory located on the following path C:\Program Files\CWSoft\CQXClient\Documents\
UserNotesForMobileOps.pdf	This set of notes for mobile ops replaces the file of the same name in the documents directory C:\Program Files\CWSoft\CQXClient\Documents\
CreateACrossingsSchedule.pdf	This document provides an outline of the steps required to create a schedule of the anticipated times at which each county line in the route will be crossed. It is a new file residing in the Documents directory C:\Program Files\CWSoft\CQXClient\Documents\
Directory VAQP_Polygons	This directory contains the boundary polygons describing the counties in Virginia. It is a subdirectory of the VirginiaQsoParty directory C:\Program Files\CWSoft\CQXClient\ContestDefns\VirginiaQsoParty\
VA_County_Abbrevs.pdf VAQP_Cty.mlt	These are a file listing the county abbreviations and a file listing the county mults for the Virginia QSO Party. They reside in the VirginiaQSOParty directory C:\Program Files\CWSoft\CQXClient\ContestDefns\VirginiaQsoParty\
NCQP.def WVE NC.MLT	This is the definition file for the North Carolina QSO Party and the file of WVE mults for stations inside of NC. The reside in

	the NorthCarolinaQsoParty directory C:\Program Files\CWSoft\CQXClient\ContestDefns\NorthCarolinaQsoParty\
Directory FOCMarathon	This directory contains the definition and default message and key assignments for the FOC Marathon. The directory resides in the ContestDefns subdirectory which in the standard installation is C:\Program Files\CWSoft\CQXClient\ContestDefns\
FOC_Marathon.DLL	This is the DLL that runs the FOC Marathon contest. It is a new file that resides in the ContestDefns subdirectory which in the standard installation is C:\Program Files\CWSoft\CQXClient\ContestDefns\
SioIcom.DLL	This is the DLL that runs the interface to the Icom radios. It replaces a file of the same name residing in the Radios subdirectory which in the standard installation is C:\Program Files\CWSoft\CQXClient\Devices\Radios\
Devices.dat DevicesRtsDtr.dat	This a file listing the devices supported by CQ/X and associated information and a file giving default information for the serial connection for each device. Both files replace files of the same name in the Devices directory which in the standard installation is C:\Program Files\CWSoft\CQXClient\Devices\
SioElecraft.DLL	This is the DLL that runs the interface to the Elecraft radios. It replaces a file of the same name residing in the Radios subdirectory which in the standard installation is C:\Program Files\CWSoft\CQXClient\Devices\Radios\
LAQP.def LAQP_Logo.bmp	This is the definition file and logo file for the Louisiana QSO Party. They replace files of the same names in the LouisianaQsoParty subdirectory of ContestDefns which in the standard installation is C:\Program Files\CWSoft\CQXClient\ContestDefns\
Directory MaineQsoParty	This is the directory containing the definition file and other supporting files for the Maine QSO Party. It is a subdirectory of ContestDefns which in the standard installation is C:\Program Files\CWSoft\CQXClient\ContestDefns\
Directory MEQP_Maps	This is the directory containing map information for the Maine QSO Party. It is a subdirectory of Maps which in the standard installation is C:\Program Files\CWSoft\CQXClient\Maps\
ConList.dat	This is a file containing a list of the supported contests and associated information including the name of the DLL running the contest. It replaces the file of the same name in the ContestDefns directory which in the standard installation is C:\Program Files\CWSoft\CQXClient\ContestDefns\
CQxCommands.dat	This is a file that defines the tasks that may be assigned to a function key or combination of (Alt, Ctrl, Shift) with function keys. It replaces the file of the same name in the CQxClient directory which in the standard installation is C:\Program Files\CWSoft\CQXClient\
SioSpots.dll	This is the DLL that runs the interface to the Spot feeds. It replaces a file of the same name residing in the SpotInterfaces subdirectory which in the standard installation is C:\Program Files\CWSoft\CQXClient\Devices\SpotInterfaces\

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

Problem/Enhancement	Description/Status
---------------------	--------------------

The CQX-Driver color scheme and font size on the Android device should be modified to improve its readability.	Deferred to next upgrade.
The warning message “This way point might not be on the path” is giving several false alarms	This has been fixed.
Provide options when preparing the Log On a Map to include/exclude QSOs and/or the route trace.	This has been implemented
The documentation on creating a log on a map page needs updating.	The document has been revised.
The documentation on posting a route on a Google Maps needs updating.	The document has been revised.
The updated version of UserNotesForMobileOps.pdf did not make it into Patch 180-07	The file is included in this patch.
For use in preparing the log on a map it would be useful if the State-year code was appended to the lines of the DefaultGPSLog	This has been implemented.
The User Notes for Mobile Ops needs updating	The document has been revised.
The Prepare County Logs menu item appears to only work on the internal log. It would be nice to have it also work on a Cabrillo log.	This has been implemented.
Some polygons are missing from the VAQP Polygons directory.	This has been fixed.
There have been some changes in the mults for the Virginia QSO Party	These changes have been implemented.
My fat fingering frequently puts some extraneous characters in the QSO Entry window.	This has been fixed.
Bonus points for working special stations and counties in the NCQP are not being included in the score.	This has been fixed.
Some changes have been made to the LAQP including: sponsor, date, new categories, and bonus station.	The LAQP information has been updated.
Use of the CQWW WPX DLL for the FOC Marathon is problematic since it supports logging but not score calculation.	A dedicated DLL (FOC_Marathon.DLL) has been implemented.
It would be nice to use the IC-756Pro III without having to change the rig address.	Support for the IC-756 Pro III has been added.
I would like to be able to reverse the route contained in the KML file of lat/lon values downloaded from Google.	This has been added. Click on the “Reverse this Path” checkbox in the Finding County Line Crossings dialog.
When using the K3 internal keyer some of my messages get truncated by the buffer limits.	Deferred to next upgrade.
It would be beneficial to get	An option has been implemented to save the invalid data for

additional information and options on receiving the error message that the input lat/lon data is invalid for this contest .	review and to continue processing using the valid data
When using the new Google Maps to obtain lat/lon data for my route I'm receiving "data is invalid for this contest" messages	Changes have been implemented to accommodate the new data format from Google Maps while continuing to accommodate the classic Google Maps data.
For operating without driver it would be useful to be able to include planned stopping points on the published map.	This has been implemented as an option to include Miscellaneous placemarks from a file
Existing waypoints should be deleted automatically when a new QSO party is started. Otherwise they may not be applicable to the chosen QSO party and cause WP tracking problems.	This has been implemented.
In the MS QP CW and Dig QSOs are now worth 2 points rather than 1.	This change has been reflected in the MSQP.def file.
Use of the Multi-Cty Operating dialog would be more efficient if it were possible to edit the message template from it.	This has been implemented.
Use of the Multi-Cty Operating dialog would be more efficient if bands could be changed from it.	This has been implemented.
Use of the Multi-Cty Operating dialog would be more efficient if modes could be changed from it	This has been implemented.
Use of the Multi-Cty Operating dialog would be more efficient if it were possible to check SWR from it.	This has been implemented – it requires that the radio supports SWR detection as does the K3.
The set of menu items and dialogs for setting up and initiating multi-county operation is confusing.	Setting up and initiating multi-county operation has been enhanced and simplified.
Keystrokes on the Multi-County Operating dialog should be the same as those on the normal operating dialog to avoid confusion	This has been fixed – assigned keystrokes are carried over to the Multi-County Operating dialog
Ability to assign a function key to resume Multi-Cty operation would be very useful.	This has been implemented. Assign a desired function key to the task RESUME_MULTI_COUNTY._
Abbreviation for Northwest Territories in Vermont QSO Party is incorrect	Fixed
Add a calculation of number of productive minutes (those with at least 1 Q) to the statistics for QSO party operation.	This has been implemented.
Add county statistics to the available statistics for QSO party operation including option to output an HTML formatted table.	This has been implemented.
When operating mobile each time I log a QSO the Miles to Next Cty	This has been fixed.

flashes to N/A. Is this normal?	
The score calculation for the South Carolina QSO Party needs to be modified to count each county activated as a mult.	This has been implemented.
Support needs to be added for the Maine QSO Party which has been re-established.	Support for this QSO party has been added.
When using the County Line Locator on a route with a very narrow corner the locator sometimes misses the county associated with the corner.	This has been fixed.
Include an option to send only part of a corrected call depending on where the correction occurs within the call.	This has been implemented.
A display showing a running total of the number of QSOs made on each band and mode from the current county would be helpful.	This has been implemented and is part of the Status page of the left hand tabbing control. The ability to assign a function key combination for accessing the Status page was also added.
Some band min and max frequencies were incorrect in Texas QSO Party.	This has been fixed.
The bandmap does not seem to work in all contests.	This has been fixed.
Please simplify entry of frequency and mode via the QSO Entry window	This has been implemented
It would be nice to have a method wherein a function key can be used to quickly change modes on each band based on pre-defined frequencies.	This has been implemented. See menu item Radio Configure Mode QSY which is used for defining the frequencies to be used. Assign the function key to the task QUICK MODE QSY.
I would like to be able to create a schedule showing when operation in each county is planned to begin.	This has been implemented.
It would be nice to be able to import the county line crossing schedule for real-time indication of progress against the planned schedule	This has been implemented.
The QP Tools menu has a lot of items, some of which are dependent. A reorganization using submenus would be helpful.	The QP Tools menu has been reorganized and use of single dialogs to perform multiple tasks has been reduced.