

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 thirteenth 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, 180-08, 180-09, 180-10, 180-11 and 180-12 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, 180-08, 180-09, 180-10, 180-11 180-12 followed by Patch 180-13.

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 runs the state QSO parties. It replaces the file of the same name in the ContestDefns subdirectory which in the standard installation is C:\ProgramFiles\CWSoft\ CQXClient\ContestDefns\
CQxCommands.dat	This is the file containing the list of key-assignable tasks. It replaces the file of the same name in the main directory which in the standard installation is C:\ProgramFiles\CWSoft\ CQXClient\
LogData.dll	This is the DLL that runs the duping process. It replaces the file of the same name in the LogData subdirectory which in the standard installation is C:\ProgramFiles\CWSoft\ CQXClient\ContestDefns\LogData\
CreateLogsOnAMapPage.pdf	This document explains how to create a log on a map web page. It replaces the file of the same name in the Documents sub-directory which in the standard installation is C:\ProgramFiles\CWSoft\ CQXClient\ Documents\
WPX.DLL	This is the DLL that runs the CQWW WPX contest. It replaces the file of the same name in the ContestDefns subdirectory which in the standard installation is C:\ProgramFiles\CWSoft\ CQXClient\ContestDefns\
SioIcom.DLL	This is the DLL that runs the interface to Icom radios. It replaces the file of the same name in the Radios subdirectory which in the standard installation is C:\ProgramFiles\CWSoft\ CQXClient\ Devices\Radios\
Devices.dat DevicesRtsDtr.dat	These are files listing the supported devices and their default RTS and DTR settings. They replace files of the same names in the Devices subdirectory which in the standard installation is C:\ProgramFiles\CWSoft\ CQXClient\ Devices\
IC-7300.pdf	This is user documentation for the IC-7300 in pdf format. It is a new file which resides in the Radios sub-directory which in the standard installation is C:\ProgramFiles\CWSoft\ CQXClient\ Devices\Radios\

CWOpsCWT.DLL	This is the DLL that runs the CWOps contests (CWOpen and CWT). It replaces the file of the same name in the ContestDefns subdirectory which in the standard installation is C:\ProgramFiles\CWSoft\CQXClient\ContestDefns\
CWOpsMembers.txt	This is a file listing CWOps members by Call, Names, Number in a space delimited file which can be used as a call history file in CWOps contests. It is a new file that resides in the LogData sub-directory which in the standard installation is C:\ProgramFiles\CWSoft\CQXClient\LogData
MsgTaskDefn.txt	This is the file that defines the assignable task, if any, that can be used to send each of the defined messages. It is a new file that resides in the ContestDefns sub-directory which in the standard installation is C:\ProgramFiles\CWSoft\CQXClient\ContestDefns\ .
DevelopingGridCrossingsUsingGoogleMap.pdf	This document explains how to develop a set of grid square crossings using CQ/X, Google Maps, and Streets & Trips. It is a new file residing in the Documents sub-directory which in the standard installation is C:\ProgramFiles\CWSoft\CQXClient\Documents\
PrepareActivityWebsiteFiles.pdf	This document explains how to develop the set of files needed for presenting the planned activity of a QSO party on the web. It is a new file residing in the Documents sub-directory which in the standard installation is C:\ProgramFiles\CWSoft\CQXClient\Documents\
ARRLSS.DLL	This is the DLL that runs the ARRL Sweepstakes contests. It replaces the file of the same name in the ContestDefns subdirectory which in the standard installation is C:\ProgramFiles\CWSoft\CQXClient\ContestDefns\
SioElecraft.DLL	This is the DLL that runs the interface to Elecraft radios. It replaces the file of the same name in the Radios subdirectory which in the standard installation is C:\ProgramFiles\CWSoft\CQXClient\Devices\Radios\

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

Problem/Enhancement	Description/Status
Multi-QP LA-NH causes the program to hang	A problem in the definition file has been fixed
Multi-QP MI-SD-ON-ND-NE causes the program to hang	A problem in the definition file has been fixed
The primary mults containing a star in the cty.dat file cause the program to hang on restart	This has been fixed
Please implement a key-assignable task to SEND FIRSTWORD QUERY	This has been implemented. This task sends the left most space delimited segment in the QSO entry window followed by a question mark.
In the county statistics for inside mobile operation it would be useful to provide the Min/Max/Avg time between QSOs	This has been implemented along with several other statistics of possible interest to the mobile.
Calls and counties with long morse length such as found in the US Counties QSO Party can cause the restart process to hang.	This has been fixed.
Please explain steps to add a Log on a Map to an existing Log on a Map	A section explaining this has been added to the document CreateLogsOnAMapPage.pdf.

webpage	
Send Call While Entering does not handle logging of sequence number properly in WPX	This has been fixed.
For Send Call While Entering please add a trigger of 1 character following the number	This has been implemented
Would it be possible to put the time offset used in schedules in the restart file?	This has been implemented
Please add support for IC-7300	This has been implemented
Please add CWA as a valid part of the exchange in CWOps-CWT	This has been implemented
Is there a reason you need the space after C/L: when building the schedule. If not there then CQ/X will not pick it up. But if I want to include the crossing as a waypoint then the space causes problems since CQ/X does not like spaces in waypoint names	This has been fixed. No space is needed after the C/L:
Dupes are not being detected in CWT	This has been fixed
For ease of working a dupe the calling station's previous call history information should be presented but currently it is only presented for non-dupes.	This has been fixed
In order to increase the possibility of being spotted by the RBN it would be nice to have two CQ messages.	This has been implemented – see the CQ-ALT message along with the key-assignable task SEND_CQ-ALT
Is the Advisory “ A schedule deviation will not be available to some crossings that were not assigned an ETA ” just an advisory or does it indicate that a crossing was found that did not have an ETA	It is just an advisory and typically results from removing a crossing from the Streets and Trips route in order to avoid a loop situation along an interstate.
The response of some assigned keys is sluggish and some times non-responsive.	This has been fixed.
Sometimes the keys shown as assigned to a given message on the message editing dialog do not agree with the keys shown on the main display for that same message.	This has been fixed.
For planning a roving route for VHF/UHF contests it would be helpful to have a means of building selected grid square overlays for importing into google maps.	This has been implemented.
Add an option to the Crossings dialog that allows exporting the crossings in a form suitable for import into CQ/X as waypoints	This has been implemented.
For the QP admin it would be useful	This has been implemented.

to have the capability to create all files for the activity website from a single data base and with a single setup and button click	
In Sweepstakes if the rightmost entry is a number the entry is interpreted as a frequency change	This has been fixed.
In Sweepstakes the long exchange causes the KY string to exceed the K3 buffer when responding to 2x3 calls.	This has been 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	
In the Texas QP the bonus for working mobiles in five or more counties appears to be included twice	