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 1.8.1 of the software and is provided to implement the enhancements and fix the problems described below.

Previous Patches – This is the second patch for version 1.8.1. Users of version 1.8.0 that have installed all of the patches for that version and Patch 181-01 can apply this patch without downloading version 1.8.1. Other users should first download and install a full copy of version 1.8.1 from www.no5w.com which incorporates version 1.8.0 and all of the Patches 180-01 through 180-18 and then download and install Patch 181-01 prior to installing Patch 181-02.

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**
TQP.dll	This is the DLL that runs all of the state QSO parties. It replaces a file of the same name residing in the ContestDefns subdirectory which in the standard installation is ...\CWSoft\CQxClient\ContestDefns\

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

Problem/Enhancement	Description/Status
The enclave cities in the Virginia QSO Party are not being detected	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	
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	

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	
Some windows are too large for the screen on which they need to be displayed	
Please implement phone keying from wave files which would be very helpful to phone operators.	