

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 fifteenth 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, 180-12, 180-13, and 180-14 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, 180-13, 180-14, followed by Patch 180-15.

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. 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. 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 that lists all the supported contests and some associated information. It replaces the file by the same name that resides in the ContestDefns sub-directory which in the standard installation is C:\ProgramFiles\CWSoft\CQXClient\ContestDefns\
TQP.DLL	This is the DLL that runs all of the state QSO parties as well as the Grid Chase. It replaces a file of the same name residing in the ContestDefns subdirectory which in the standard installation is at C:\ProgramFiles\CWSoft\CQXClient\ContestDefns\
SimGPS.exe	This is the exe file that runs the GPS Simulator. It replaces the file of the same name residing in the GPS_Simulator sub-directory which in the standard installation is C:\ProgramFiles\CWSoft\CQXClient\Devices\GPS_Simulator\
GridChase-Overview.pdf GridChase-UseInStateQP.pdf GridChase-UseInCrossCty.pdf CQX-GridChasePlanningNotes.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\
GridChase.Def GRID_Def_Msg_Int_Mob.txt GRID_Def_Key.txt	These are the definition file for the Grid Chase contest, the default message file for mobile operations in the Grid Chase, and default key assignments. They are new files residing in the MARAC_QSOParty subdirectory which is an existing sub-directory under the ContestDefns directory which in the standard installation is at C:\ProgramFiles\CWSoft\CQXClient\ContestDefns\MARAC_QSOParty
SouthDakotaQsoParty directory	Files in this directory are for defining the South Dakota QSO Party. They include the definition file, the set of county polygons and other information. This directory replaces the current directory of the same name residing in the ContestDefns directory which in the standard installation is at C:\ProgramFiles\CWSoft\CQXClient\ContestDefns\
MsgDefnsHelpFile.pdf UserNotesForMobileOps.pdf	This is a small help file describing the meaning of the various messages and a help file of specifics on how to operate mobile

	using CQ/X. They replace the existing files of the same name which reside in the Documents subdirectory which in the standard installation is at C:\ProgramFiles\CWSoft\CQXClient\ Documents\
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Problems Addressed/Enhancements – The following problems/enhancements are addressed.

Problem/Enhancement	Description/Status
In the tabulars built for the QSO Party website it would be nice to separate the SAT/SUN stations	This has been done.
A function is needed to import activity information and convert it to a format required by the Activity website build process	This has been done for the files exported from the FQP database. Some manual changes to the export for FQP are still required In addition, other exports may need to be developed.
It would be useful to have current county included on the Navigation display	This has been done.
It would be useful to have schedule information included on the Navigation display	This has been done.
Attempts to import a Cabrillo log fail with message indicating that the log file is not for the selected contest.	This has been fixed.
Can CQ/X be used in the upcoming ARRL International Grid Chase?	Functionality has been added to support operation in the Grid Chase under two use cases. <ol style="list-style-type: none"> 1. Where operation is part of a state QSO party and 2. Where operation is specifically for the Grid Chase See the Help menu item for details on each use case.
South Dakota QSO Party has changed its date, its sponsor, and the name of one of its counties,	The SouthDakotaQsoParty directory contains the information required to model these changes.

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 the bonus for	

working mobiles in five or more counties appears to be included twice	
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