

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

Previous Patches – This is the sixth patch for version 1.7.5. Users of version 1.7.4 that have installed all of the patches for that version and patches 175-01, 175-02, 175-03, 175-04, and 175-06 can apply this patch without downloading version 1.7.5. Other users should first download and install a full copy of version 1.7.5 from www.no5w.com and then apply patches 175-01, 175-02, 175-03, 175-04, and 175-05 to bring their software up-to-date prior to applying Patch 175-06.

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\CQXClient\. **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.

File	Installation
LAQP.def	This file is the definition file for the Louisiana QSO Party. It replaces the file of the same name in the LouisianaQsoParty subdirectory which in the standard installation is C:\Program Files\CWSoft\CqxClient\ContestDefns\LouisianaQsoParty
AR_Cty.mlt	This is the file defining the multipliers and county adjacencies for the Arkansas QSO Party. It replaces the file of the same name in the ArkansasQsoParty subdirectory which in the standard installation is C:\Program Files\CWSoft\CqxClient\ContestDefns\ArkansasQsoParty
SioYaesu.dll SioIcom.dll	These are the DLLs that implement the interface to Yaesu and Icom radios. They replace the files of the same names in the Radios subdirectory which in the standard installation is C:\Program Files\CWSoft\CqxClient\Devices\Radios
SioNMEA.dll	This is the DLL that implements the interface to NMEA GPSs. It replaces the file of the same name in the GPS subdirectory which in the standard installation is C:\Program Files\CWSoft\CqxClient\Devices\GPS
SimGPS.exe	This is the executable that runs the GPS simulator. It replaces the file of the same name in the GPS_Simulator subdirectory which in the standard installation is C:\Program Files\CWSoft\CqxClient\Devices\GPS Simulator
AvailableTrips.txt	This is the file containing information about existing trips available for use with the GPS Simulator. It replaces the file of the same name in the GPS_Simulator subdirectory which in the standard installation is C:\Program Files\CWSoft\CqxClient\Devices\GPS Simulator
Directory Eldorado-MidlandData	This is a new directory of data for a trip from Eldorado, AR to Midland, TX contributed by N5NA. It is a subdirectory of the GPS_Simulator subdirectory which in the standard installation is C:\Program Files\CWSoft\CqxClient\Devices\GPS Simulator
TQP.DLL	This is the DLL that is used to implement each of the State/Regionsl QSO parties and replaces the file of the same name in the ContestDefns subdirectory which in the standard

	installation is C:\Program Files\CWSoft\CqxClient\ContestDefns
WVE_SP_VE_NM.MLT	This is the file containing the W/VE multipliers for the New Mexico QSO party. It replaces the file of the same name in the ContestDefns subdirectory which in the standard installation is C:\Program Files\CWSoft\CqxClient\ContestDefns
CQXClient.exe CQXClient.hlp CQXClient.cnt CQXCommands.dat	This is the main executable and associated help files. They replace the files of the same names in the main directory which in the standard installation is C:\Program Files\CWSoft\CqxClient\
SioElecrafft.DLL K3_Menus.txt K3MenuHelp.txt K3.pdf	This is a DLL designed specifically for the Elecraft K3 and two text files that provide information for accessing the K3 menus, and the K3 user manual. These are new files that are installed in the Radios subdirectory which in the standard installation is C:\Program Files\CWSoft\CqxClient\Devices\Radios
SioWinKey.DLL	This DLL provides the interface to the WinKey and replaces the file of the same name in the Keyers subdirectory which in the standard installation is C:\Program Files\CWSoft\CqxClient\Devices\Keyers
OK_CTY.mlt	This is the file containing the county information for the Oklahoma QSO party. It replaces the file of the same name in the OklahomaQsoParty subdirectory which in the standard installation is C:\Program Files\CWSoft\CqxClient\ContestDefns\OklahomaQsoParty
NA_Sprint.dll	This is the DLL that is used to implement the North American Sprint and replaces the file of the same name in the ContestDefns subdirectory which in the standard installation is C:\Program Files\CWSoft\CqxClient\ContestDefns

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

Problem/Enhancement	Description
Cannot perform a direct entry of the county in the LA QP	Program complained of not being able to locate a file for use in the direct entry of a county. File name was corrected in the LAQP.def file.
GPS crashes in the Arkansas QSO Party	A data problem in the multiplier/county adjacency file for the AR QP caused the county detection logic to fail.
Frequency and mode data readout for FT100 unstable	On reading data from the FT-100 the display cycles between a true and bogus value. The SioYaesu.DLL module was modified to correct this problem.
Alert range update seconds not retained on the display	The seconds between updates when in the alert range was not being retained across a closure of the GPS Parameters form.
Unable to access available trip data	Changed the description of the location of the trips files from absolute full path to path relative to the GPS Simulator directory.
Multiplier Summary needed in NMQP	The option of creating a multiplier summary including the multiplier, date, time, call of station worked was added to the Prepare Statistics menu item to support that requirement in the NMQP.
Can't log Indiana in the NM QP	Added the missing Indiana entry in the multiplier file for NMQP.
Improved the Enter Key processing	Clearing the QSO entry line after sending the exchange but not logging the contact causes an incorrect enter key response following the next entry of a call. Workaround using the F2 key, which always sends its assigned message, requires that the operator remember to deviate from normal Enter key processing.

	This fix removes the need for the workaround.
Added a K3-specific module for interfacing to that radio	The K3 can be interfaced using the Kenwood TS-480 but in order to take advantage of the rich instruction set of the K3 a module specific to that radio has now been developed
GPS update parameters are not being retained across a restart	Added the Seconds Between Updates, the GPS Alert Range, and the alert range Seconds Between Updates to the GPS data retained across a restart.
Cabrillo-formatted county logs are needed for sending to LOTW.	Added the capability to prepare separate county logs in Cabrillo format.
WinKey parameters are not being retained across a restart	Modified the restart file associated with the WinKey interface to include all of the parameters associated with the WinKey.
County Tilman has no adjacencies in the OK QP	Corrected the spelling of Tilman to Tillman in the OK_CTY.mlt file.
Number sent via the key assigned to the Send Last Sequence Number in Log task is incorrect	Corrected the handling of this task.
The Use Spot Window for Call Searches feature is cumbersome to use	Added the capability to show call searches on a Similar Calls page of the left hand page control. Search results are updated and presented as a call is being entered in the QSO entry window. Added ability to assign the task of accessing the Similar Calls page to a function key.
Help files do not reflect latest changes	Brought the help files up-to-date to reflect recent changes.