

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

Previous Patches – This is the fifth patch for version 1.7.7. Users of version 1.7.6 that have installed all of the patches for that version, Patch 177-01, Patch 177-02, Patch 177-03, Patch 177-04, and Patch 177-05 can apply this patch without downloading version 1.7.7. Other users should first download and install a full copy of version 1.7.7 from www.no5w.com then apply Patch 177-01, Patch 177-02 Patch 177-03, Patch 177-04, Patch 177-05 and then Patch 177-06.

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
CQXClient.exe CabrilloTags.txt CQxClient.hlp CQxClient.cnt	These are the main executable, a file containing the Cabrillo tag definitions, and files for the on line help. They replace the files of the same name in the main directory which in the standard installation is C:\Program Files\CWSoft\CQXClient\
CQxClient.pdf	This is the help file in user manual format. It replaces the file of the same name in the documents subdirectory which in the standard installation is C:\Program Files\CWSoft\CQXClient\Documents
CqxCommands.dat	This is the file defining the assignable tasks. It replaces the file of the same name in the main directory which in the standard installation is C:\Program Files\CWSoft\CQXClient\
CQxCmdMsg.dat	This is the file defining the assignable keys and messages. It replaces the file of the same name in the main directory which in the standard installation is C:\Program Files\CWSoft\CQXClient\
NMQP.def MNQP.def PAQP.def WIQP.def NCQP.def	These are the definition files for the New Mexico, Minnesota, Pennsylvania, Wisconsin, and North Carolina QSO parties. They replace files of the same name in their respective QSO party subdirectories which are subdirectories of C:\Program Files\CWSoft\CQXClient\ContestDefns\
NASP_WVE_SP.mlt	This is the multiplier file for the NA Sprint. It replaces the file of the same name in the ContestDefns directory, which in the standard installation is C:\Program Files\CWSoft\CQXClient\ContestDefns\
ARRL_FD.DLL ARRLSS.DLL CWOpsCWT.DLL IARUHF.DLL NA_Sprint.DLL NAQP.DLL RAC.DLL TQP.DLL WPX.DLL	These are the DLL modules that provide the interface for the different contests. They replace files of the same name in the ContestDefns directory, which in the standard installation is C:\Program Files\CWSoft\CQXClient\ContestDefns\
SioWinKey.DLL	This is the DLL that provides the interface to the WinKey. It replaces the file of the same name in the Keyers subdirectory which in the standard installation is C:\Program Files\CWSoft\CQXClient\Devices\Keyers\

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

Problem/Enhancement	Description
For the NA Sprints it would be useful to be able to assign keys to move up/down by 5KHz/1KHz	This has been implemented. In the key assignments dialog: select the assignments MOVEUP_FIVEKHZ, MOVEDN_FIVEKHZ, MOVEUP_ONEKHZ, and MOVEDN_ONEKHZ
In NMQP and MNQP the name ED is being recognized as an alias for EA so the program won't accept it as a name. Similarly for TOD in the MNQP	Problem has been fixed. ED has been added to the list of ambiguous names in the NMQP.def file and ED and TOD have been added to the MNQP.def file.
In NA Sprint the name CAL is being recognized as an alias for California	Problem has been fixed. CAL has been excluded as an alias for California in NASP_WVE_SP.mlt.
The session clock needs to be more flexible including ability of user to set it for mid-week shorty contests.	The session clock has been reworked to include ability to set it for Today, Tomorrow, Weekends and to be able to set the clock for contests of only half hour duration (e.g. NCCC sprint)
I would like to be able to assign CW speed increase/decrease to the Page Up/Down keys.	This feature has been added. It should be noted that this only applies when the focus is on the QSO Entry window.
The CWOps-CWT contest has changed it's exchange to Name and Member number or S/P/C if a non-member	The CWOpsCWT.DLL file has been revised for this new exchange.
It seems that once you assign a task to a key you cannot unassign it without assigning another task to the key	This problem has been fixed. To unassign a key, so that no task is assigned to it, use the blank task at the top of the task assignment drop down for the desired key.
It appears that a keyer must be connected in order for the automatic county detection mode to automatically change the messages.	This problem has been fixed.
Bonus station points are not being accounting for properly in the PAQP.	Fixed a typo in the PAQP.def file
Three new address tags for City, State/Province, and Postal Code have been added to the Cabrillo standard	The new tags have been added to the New Contest dialog and to the Finalize Cabrillo Log processing.
Some categories have been revised in the WiQP	The WiQP.def file has been revised to reflect these changes.
I've been able to export my GPS log to Google Maps but it took a lot of work. It would be nice to include a "Log On a Google Map" feature.	A feature for preparing the GPS QSL log for posting on Google Maps has been added. See the Prepare Log On A Map menu item under QP Tools. Examples of the maps that can be created may be found on the website.
Usually I'm interested in only a few close-in way points but have difficulty choosing them on the GPS panel because I can't remember what they are.	An always on top form has been added that, when activated from the GPS menu, will track way points based on distance from the current location. The user can elect to show either the closest N way points or all way points that are closer than X miles. The form has a list that shows the name of the way point, its distance to the current location, and color coding to indicate whether that distance is increasing or decreasing. Selecting an item from the list and pressing the Enter key or double-clicking with the mouse will select that way point for presentation on the GPS panel. A function key or combo may be assigned to the task of accessing the way point tracking form. Ctrl+T is the hot key for

	activating/deactivating the Waypoint Tracker.
Some revisions have been made in the NCQP categories	Necessary revisions have been made to the NCQP definition file.
My USB WinKey works fine but the RS-232 version is sometimes difficult to start.	Initialization process has been modified to correct this problem.