

**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 1.7.4 of the software and is provided to fix the problems and/or add the enhancements described below.

**Previous Patches** – This is the ninth patch for version 1.7.4. Users of previous versions should download a full copy of version 1.7.4 from [www.no5w.com](http://www.no5w.com) to bring their software up-to-date prior to applying this patch. You should apply patches 174-01, 174-02, ..., and 174-08 prior to applying Patch 174-09.

**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.pdf	This file is an updated help file in manual form and replaces the file of the same name in the Documents directory of the application. For the standard install this will be in <b>C:\Program Files\CWSoft\CqxClient\Documents\</b>
CQXClient.exe CQXClient.ini CQXClient.hlp CQXClient.cnt CQXCommands.dat	These files are the executable, the ini file, a help file and contents in classic Windows help format, and a file listing the available commands/tasks that can be assigned. These files replace the file of the same name in the root directory of CQ/X which in the standard installation will be <b>C:\Program Files\CWSoft\CqxClient\</b>
MN_CTY.MLT	This is a multiplier definition file for the Minnesota QSO Party and replaces the file of the same name in the MinnesotaQsoParty subdirectory of the contest definitions directory which in the standard installation will be <b>C:\Program Files\CWSoft\CqxClient\ContestDefns\MinnesotaQsoParty\</b>
LAQP.MLT	This is a multiplier definition file for the Louisiana QSO Party and replaces the file of the same name in the LouisianaQsoParty subdirectory of the contest definitions directory which in the standard installation will be <b>C:\Program Files\CWSoft\CqxClient\ContestDefns\LouisianaQsoParty\</b>
WVE_SP_VE_GA.MLT	This is a new multiplier definition file for the Georgia QSO Party for Canadian provinces and US States. It should be copied to the ContestDefns subdirectory which in the standard installation will be <b>C:\Program Files\CWSoft\CqxClient\ContestDefns\</b>
GAQP.def	This is the contest definition file for the Georgia QSO Party and replaces the file of the same name in the GeorgiaQsoParty subdirectory of the contest definitions directory which in the standard installation will be <b>C:\Program Files\CWSoft\CqxClient\ContestDefns\GeorgiaQsoParty\</b>
NASP_DEF_KEY.TXT	This is the default key assignments file for the NA Sprint and replaces the file of the same name in the NorthAmericanSprint subdirectory of the contest definitions directory which in the standard installation will be <b>C:\Program Files\CWSoft\CqxClient\ContestDefns\NorthAmericanSprint\</b>

ConfigurationDecisions.pdf	This is the document describing the various configuration decisions that need to be made when setting up CQ/X. It is a new file which should be placed in the Documents subdirectory. For the standard installation this will be <b>C:\Program Files\CWSoft\CqxClient\Documents\</b>
SioIcom.DLL	This is the DLL file that implements the interface with Icom radios. It replaces the file of the same name in the Radios subdirectory which, for the standard installation will be <b>C:\Program Files\CWSoft\CqxClient\Devices\Radios\</b>
NetworkSetupRev02.pdf	This revision contains information on using CQ/X in a networked configuration and replaces a file of the same name in the documents subdirectory which, for the standard installation will be <b>C:\Program Files\CWSoft\CqxClient\Documents\</b>

**Problems Addressed/Enhancements** – The following problems/enhancements are implemented by the new files

<b>Problem/Enhancement</b>	<b>Description</b>
Added task to Send Last Sequence Number in Log	This enhancement adds the Send Last Sequence Number in Log to the list of tasks assignable to function keys and function key combinations. The main use of this key is in the sprint wherein the operator is in the S&P mode and has logged the QSO but asked for a repeat of the sequence number.
Missing County in MN QP	A missing county (St. Louis) was added to the multiplier file (MN CTY.MLT) for the Minnesota QSO party
Missing Adjacency in LA QP	A missing adjacency was added to the multiplier file.
Default Key Assignments File for NA Sprint	The default key assignments file (NASP_Def_Key.txt) was improved by adding the Send Last Sequence Number and a few other changes.
Rules changes for GQP	Changes were made to: Add bands 160 and 10 to the allowed bands Separate MDC into MD and DC mults New VE list of provinces
Simplified the call search process and fixed a problem with this feature	Added call searches from the spot window to the list of function key assignable tasks allowing for more flexible use of the call search feature. Fixed a problem wherein the program would get trapped into the option of using the spot window for initiating a call search.
Problem Detecting Speed from CQXServer	Fixed a problem wherein the program would not detect GPS speed information when distributed by CQXServer. This is an important fix if you are running the beta version of the network.
Added Configuration Decision document	Added Help menu access to a document providing information on the various configuration decisions that should be considered when setting up the software for a given contest.
Simplified the process of loading previous exchange information	Added the capability to multi-select the log files for building the previous exchange information from logs
Improved RFI rejection	Improved the ability to reject occasional large changes in reported frequency due to RFI on the interface.
Revised Networking Notes	Revised the networking notes to be consistent with and in preparation for networked operation of CQXClient/CQXServer and to include information on setting up a peer to peer wireless network.