

**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 eleventh 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 174-10 prior to applying Patch 174-11.

**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 CQXCommands.dat	These files are the executable 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>
TQP.DLL	This file replaces the file of the same name in the ContestDefns subdirectory of CQ/X which in the standard installation will be <b>C:\Program Files\CWSoft\CqxClient\ContestDefns</b>
SioIcom.DLL	This file replaces the file of the same name in the Radios subdirectory of CQ/X which in the standard installation will be <b>C:\Program Files\CWSoft\CqxClient\Devices\Radios\</b>
Devices.DAT	This file replaces the file of the same name in the Devices subdirectory of CQ/X which in the standard installation will be <b>C:\Program Files\CWSoft\CqxClient\Devices\</b>
SioWinKey.DLL SioMLKey.DLL	These files replace the files of the same name in the Keyers subdirectory of CQ/X which in the standard installation will be <b>C:\Program Files\CWSoft\CqxClient\Devices\Keyers\</b>

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

Problem/Enhancement	Description
Added a user notes capability	This enhancement adds the capability to record time-stamped user notes for later retrieval and use.
GPS Logging was using CPU Time	Modified GPS logging to use GPS date/time (UTC) to avoid having to convert times when preparing GPS-enabled QSLs and to make consistent with standard logging time and to avoid daylight saving time issues.
GPS Logging was using incorrect band and mode when in networked configuration	Fixed a problem wherein GPS logging in the networked version was using the band and mode of the local CPU rather than that of the CPU that originated the QSO.
Internal code modifications	Cleaned up some code in TQP.DLL
Added IC-706MKII specific support	Added support for the Icom IC-706MKII at its fixed default address (0x4E).
Keyboard mode not operating properly	Fixed a problem wherein the converse (keyboard) mode of keying was not being properly buffered.
Added a Send Call While Entering option	Added an option for sending the call while the call is being entered including ability to configure the number of characters that must be entered before start of transmission. Please note that this feature is only supported by the WinKey.

NO5W	Patch Note	CQ/X Client
Added an Auto CQ option	Added an option for automatically sending CQ with an adjustable time-delay between CQ. Please note that this feature is only supported by the WinKey.	