

Release Notes

SHORTWAVE LOG

Build 3860 – July 27, 2010

- Resolved a deficiency in RCS where the audio server port was hardcoded to 21688. The port can now be anything. This will allow for multiple receivers to be published at the same location, albeit with multiple computers.

Build 3859 – July 26, 2010

- Fixed a bug with RCS where TCP ports other than 4502 were being incorrectly published. This was due to a typo.

Build 3858 – July 25, 2010

- Updated several external database records (AOKI) to conform with SWLog standards.
- Fixed a bug in the RCS policy server where RCS would crash if port 943 were already being utilized by another program. The typical case of this would be if RemoteHams were running.
- Fixed the Top Continents report. It was ignoring the date range and was always displaying the values for the entire logbook. Added a total sum line as well.
- Fixed a bug in RCS where CTS/RTS was not being properly set for the Lowe HF-250. It was being set properly for the HF-250E.
- Removed unnecessary debugging code for the HRD IP Server v4 interface. This may have caused problems for systems running with UAC enabled.
- Thanks to Brandon (KC6YPI) from RemoteHams.com, RCS can again connection to Ham Radio Deluxe via its IP Server. RCS doesn't yet support all of the functionality that is available in Brandon's code. In this first pass, the frequency and mode can be set. This will allow any receiver that uses HRD to be use RCS and, in turn, be published to SWLog Online. **Thanks, Brandon!**
- Fixed a bug in SWLog Online and RCS where all frequencies sent by a WinRadio G313 would be rejected.
- Modified the publishing signatures for SWLog Online to support receivers connected via the new HRD IP Server v5 protocol.
- More edits to EIBI to fix station names, languages, and locations.
- Fixed a bug in RCS where an attempt to write to the logfile might occur before the logfile is properly initialized.
- Updated the user interface and functionality of the Audio Recording & Scheduling application.
- The installation package has been upgraded to use the new SQL Server 2008 R2 Express. For those that have SQL Server 2008 installed, an upgrade will not automatically occur. Moving to the new R2 release of SQL Server is not strictly necessary. SWLog/RCS only requires 2008 and does not require 2008 R2. For existing users who wish to upgrade, the installation package can be used. Just check the SQL Server checkbox. Alternatively, the new version of SQL Server can be downloaded from

<https://www.microsoft.com/express/database>. **Always backup the SWLog database before upgrading!**

- Improved the fine tuning bar in RCS.
- Fixed a bug in RCS where the ATTN function would not work with the demo receiver. Having ATTN on or off is rather pointless for a demo receiver; however, the demo receiver is an excellent tool for programming and testing. And that's why it was important to fix this bug.
- Fixed a bug with receiver memories in RCS.

Build 3800 – May 28, 2010

- Fixed a bug in SWLog where the select background color would not be honored under certain circumstances.

Build 3786 – May 14, 2010

- Removed the check for misplaced files such as QSLs, audio clips, and attachments. This program purposely doesn't move or delete end user content; however, the result of that is that end users who have not kept current with the program need to manually move their documents from C:\Program Files (x86)\N3OEA to C:\Users\account\Documents\N3OEA. The program will no longer warn if the files are in the incorrect location.
- Twitter support will end in June 2010 unless support for basic authentication continues. As such, the Twitter integration will be disabled in the program as of June 1st.
- When editing a log through the browse logs grid (i.e. not via the edit logs screen), a bug has been fixed where the browse grid was not being refreshed after the edit.
- Standardized many of the language names in the HFCC database. For 10+ years, the HFCC database has been the most clean and pristine database. Something changed with this A10 release. For this to take effect, either the HFCC database needs to be imported again or the Clean External Database Records needs to be run.
- Fixed a bug in the ADDX import routine where the download buttons were not being disabled during the import process.
- **The AOKI format has changed again, this time in less than one month!!!!** I strongly urge everyone to contact the author and tell him to stop it. The failure of the AOKI import is not a problem with this application.
- Fixed a bug with drop down lists and the interface to RemoteHams.com.

Build 3755 – April 13, 2010

- Fixed a bug with RCS and the Icom IC-R75 where the application would crash upon starting if the DSP module were engaged (checked) before shutting down the receiver the previous time.
- Streamlined the FCC AM and ADDX import modules to provide a smoother process by moving processing the import in a background execution thread. The plan is to eventually move all imports to this pattern.
- Tweaks to the control tab order in RCS.

- Fixed a bug with some charts. An error was introduced when upgrading to a new version of the chart control.
- The LoweHF250 Control program is now being included. This was the genesis of the RCS program. It works with the Lowe HF-250 and Lowe HF-250E receivers.
- Updated SWLog to reflect the current status of the amateur 40 meter and shortwave 41 meter bands per the results from WARC-03 conference that went into place on 3/29/2009. The 41 meter shortwave band lost the range 7100-7200 kHz, was expanded from 7350 to 7400 kHz worldwide and to 7450 in regions 1 and 3.
- Fixed a bug where WPN would crash if the French language was selected.
- Another season, another format change from AOKI. I implore and beseech each and every user of this database to write to the author to plead with him to stick to a standard format and/or naming convention.
- In yet another database that has changed, the location of the IP2Country database has moved.

Build 3741 – March 30, 2010

- Fixed a bug with publishing to SWLog Online in RCS.

Build 3740 – March 29, 2010

- Updated the color picker in the System Settings screen. This will allow for more colors to be used for background colors.
- Fixed several text boxes, buttons, and such to resolve issues with some Swedish text.
- Updated the help file to add a new page devoted to the Griffin Powermate wheel.
- Fixed a bug in WhatsPlayingNow where a malformed time in the database would cause the form to crash (i.e. a time of 2500 or 2600 hours would be in the underlying database; that is certainly not a valid time). Note that this was not a bug with SWLog. The data in the external databases is corrupt, as there is no such time as 2600 hours!
- Replaced the menu with a ribbon bar in SWLog and RCS.
- Increased the size of RCS.
- The RCSRemote program is no longer being distributed and the legacy support for RCSweb has been terminated. All remote access is now being handled by the new SWLog Online program, which is integrated into the shortwavelog.com web site. This change will allow anyone to quickly and easily publish a receiver without having to set up any sort of web site on their end.
- Updates to the Clean Database routine to bring alternate spellings in the various external databases into line with the standards used by Shortwave Log.
- Fixed the bug in View/Edit logs where the row height would become very small after an update/edit was committed.
- Changed the Twitter feed text to a less geeky version. The text will now be in the format of "Listening to WWW from XXX on YYY kHz in the ZZZ band."
- When exiting RCS, the current filter setting for the Ten-Tec RX-320/320D/321 will now be saved. How this feature was missed for 5+ years is embarrassing.

- A bug where trying to generate a web page of all shortwave QSLs was being rendered in the incorrect location has been fixed.
- Amateur Radio QSLs can now be displayed in a web page as well.
- The Chat function has returned after a year's absence. It was removed because of an ISP restriction. Now that www.shortwavelog.com is housed with another provider, the bandwidth situation is better. However, the Chat function may need to be disabled again if problems arise.
- Fixed the flickering problem with the Style-1 S-Meter in RCS.
- Fixed a cross-thread issue in RCS for the AOR7030/AOR7030+ receiver.
- Far too many various and sundry fixes to mention.

Build 3663 – January 11, 2010

- Several menu items in SWLog that were supposed to be hidden somehow became marked as visible. I blame gremlins. The menu items have now been deleted so that they cannot mysteriously reappear.

Build 3662 – January 10, 2010

- **NEW FRENCH TRANSLATION!** Many thanks to Bernard Malet for this translation.
- The installation package has been updated to download and install the Windows Installer version 4.5.
- Fixed a bug on the About page where the link to ZedGraph was incorrect.
- Revised the Installation Guide.
- Modified the installation package to make the Advanced Notes about SQL Server document more prominently placed.
- The status line in the Community Upload/Download form was mistakenly hidden when the size of the form was reduced. It has now been restored.
- A fourth style of S-Meter has been added to the Radio Control Server.

Build 3652 – December 31, 2009

- The AOKI import routine has been modified to work with another format change.
- A setting to determine whether debugging information is written to the debug (text) files has been added. The text log files can become quite large if RCS is linked to the RemoteHams.com RCF front end. This does not affect the logging to the Application Log.
- A bug with the date time picker in the eQSL.cc download form has been resolved. The picker was not showing the current date, even though it was properly set to the date of the last downloaded QSL.
- Fixed a bug in Sunrise/Sunset and MUF/LUF where if the last hard-coded location were picked, a latitude and longitude of zero would be shown.
- The graph library, which is used in MUF/LUF, is not compatible with Windows 7. Ironically, the graph library is from Microsoft. A new graph library will be used under Windows 7. The Microsoft-based graph will still be available as a secondary option under Windows XP and Windows Vista.

- The above bug also led to a refinement of the code to detect Windows 7.
- Fixed a bug in the Radio Control Server where, upon the first publication of a receiver, the longitude would be set to the incorrect hemisphere. This was not a practical issue in that the longitude would be corrected as soon as RCS was restarted; however, it still was a nagging issue.
- Fixed several bugs in the RCSpublish web service that only came to light during the conversion from MySQL to SQL Server as part of the switch to a new ISP.
- The activeradio3 web application has been updated and refined to work with the new ISP and database. This is a seldom used application, but it is integral to the web publishing feature.
- Fixed a bug with duplicate Community logs.

Build 3620 – November 29, 2009

- The Shortwave Logbook by Continent report has been migrated to work over remote TCP/IP connections. This makes 14 reports that have been migrated to work locally and remotely.
- The manifest files for the various applications have been altered to work under Windows XP.
- The installation package has been modified to require the Windows Installer 4.5 to be installed before installing SQL Server 2008 Express. This is only necessary on legacy (i.e. pre Windows 7) operating systems.
- The installation program will now require that Windows XP systems reboot. This has always been the case, but now the installation program will enforce it. Windows 7 and Windows Vista systems do not need to reboot, although it is recommended.
- While not a bug with the application, a check was added in WPN to handle external data that has times of 2500 hours.

Build 3613 – November 22, 2009

- The various applications (SWLog, RCS, and AudioEncoder) have had their manifest files updated to make them DPI-aware for Windows 7, as documented in <http://msdn.microsoft.com/en-us/library/ee308410%28VS.85%29.aspx>.
- A bug has been fixed in the date selector to allow for log entries before 1980.
- The AOKI import routine has been updated yet again to deal with format changes that were introduced with the new seasonal schedules.

Build 3571 – October 10, 2009

- Fixed a bug in the TCP/IP Sockets Server for RCS where remote connections were not able to tune the Icom IC-PCR1500/2500 above 1.3 GHz. Now commands up to the limit of 3.3 GHz work.
- Several edits to the Clean Stations function to (surprise) clean some of the underlying databases.

Build 3550 – September 20, 2009

- Fixed a bug in SWLog where the Remote Radio Control Client would not properly close the connection to the remote receiver if the form were closed. The connection would be closed if the DISCONNECT button were clicked, but not by merely closing the form.

- Fixed a bug in RCS where an exception would be generated if there were no serial ports in the computer.
- Added some better error checking to RCS Remote.
- Removed support for integration with Ham Radio Deluxe via the IP Server. The author of HRD has broken the protocol. Support for integration with HRD still exists via DDE.
- Fixed a bug in RCS if the desired frequency is greater than 2.147 GHz.
- Based upon looking into the previous bug, the display of frequencies in the GHz range has been altered in RCS. If a frequency is 1.0 GHz or greater, it will be displayed in GHz rather than MHz or kHz.

Build 3543 – September 13, 2009

- The change in Build 3523 to use SQL Server 2008 means that the .NET Framework 3.5 will be required. (The current version from Microsoft is 3.51 SP1.) As such, SWLog is now upgraded to use the .NET Framework 3.5 as well. Those still using SQL Server 2005 and the .NET Framework 2.0 will need to upgrade to the .NET Framework 3.5; however, this should be a non-issue as it has been part of Windows Update for months.
- A corollary is that Windows 2000 support has ended as Windows 2000 does not support the .NET Framework version 3.5.
- The Icom PCR-1500/2500 receivers can now tune up to their maximum frequency of 3.3 GHz.
- The installation package has been updated to install SQL Server 2008. Previously it simply directed the user to the Microsoft web site. The installation package will only install the English version of SQL Server. If a localized version is preferred, it will need to be downloaded and installed manually.
- Tweaks to RCS to improve the tooltip that appears over the frequency.
- Improvements to the Band Scan form. (N.B. No changes whatsoever were made with regard to the support for the Ten-Tec RX-320. A bug was reported with regard to the RX-320 in this form, but the author has not been able to reproduce the bug.)
- Improvements to the background processing for RCS, important to those with multi-core CPUs.
- Now when adding a log (shortwave or amateur), a screen-shot can be automatically captured and stored with the log as an attachment.

Build 3523 – August 24, 2009

- A new installation package has been created that will now leverage SQL Server 2008. SQL Server will now be managed by a Microsoft web installation package rather than being downloaded and installed by the installation package.
- Fixed several issues in VAD where queries were reported as being missing.
- Modified the data grid in WPN to detect NULL/empty values.
- A more elegant check for LAME 3.96.1 has been implemented. No longer will command prompts be flashed whenever the Audio Encoding or Add New Log functions are called.

Build 3519 – August 20, 2009

- Bug fixes in the WPN form. (These did not solve the issue.)

Build 3514 – August 15, 2009

- Fixed a bug in adding a new shortwave log where if the country name were unknown, an exception would be thrown.
- The deprecated IMAGE and TEXT columns have been converted to VARBINARY(MAX) and NVARCHAR(MAX) thus ensuring compatibility with the next version of SQL Server. The database is now compatible with SQL Server 2005, 2008, and the next version (expected to be 2010).
- Fixed a problem with the Manage Stations form where the size of the checkbox was too small to display any text.
- New Italian and Portuguese translations. Thank you Felice and Carlos!
- RCS Remote has been updated to Silverlight 3. There have also been many behind-the-scenes tweaks to RCS Remote and the sockets server in RCS to improve performance. This update is valuable to everyone.
- The DRM schedule can again be download and imported by hand. It has been noted that some software firewalls block the downloading of the schedule via FTP.
- 13 reports have now been converted to run over a TCP/IP network database connection. 35 remain to be converted.
- WPN now includes a Gantt chart for program schedules and allows the grids to be undocked and moved freely.
- RCS now supports three baud rates for the Lowe HF-250E: 1200, 2400, and 4800.

Build 3480 – July 12, 2009

- 11 reports are now capable of being run over a TCP/IP network connection to the database. All reports can still be run locally.
- The ILGRadio import routine has been updated to support the compatible ILGSTEXT format that is being updated by Ernest Riley on the Yahoo RX320 group. (In other words, join the RX320 group and download this new frequency database.)
- The current sunspot number is now being read along with the solar flux, A-index, and K-index. The solar weather database has been updated to support this new field.
- If a geomagnetic storm is in progress, a warning message will be displayed in the status bar. Mouse over the warning (i.e. view the tooltip) to see additional information.
- Note that only LAME 3.96.1 works with the Audio Encoding & Scheduling program. The new LAME 3.98.2 does not work.
- The URL for downloading the PrimeTimeShortwave list of frequencies has been updated.
- Fixed a bug in the Stations tab in the View All Database function where it was crashing.

Build 3472 – July 4, 2009

- Changes to the Clean Database function to fix misspellings in the EIBI and PTSW databases. After downloading this build, please run the Clean Database function to have the new edits applied. It

will not happen automatically, although it would also take effect the next time a version of EIBI or PTSW is imported.

- If "radiocontrol /reset" is executed from the command line, then the name of the settings form will appear in the Windows task bar. This should make it easier to locate the settings page from a navigational perspective.
- The URLs for the various maps and flags from the CIA World Factbook have changed again. While it is great that this resource has yet again been updated, each update breaks the download of the maps and flags. The program has been updated with the new maps and flags.
- While the application has long supported the use of multiple connections to SQL Server, it has never allowed the sharing of data like QSL Cards, Sound Clips, and such. This is now supported via a UNC share. Thus there can now be one master copy of all data and files and secondary computers can now access both the data and the files. This can be accessed via the "Advanced Settings" button in the Settings form in the Shortwave Log application.
- Identified a related issue with accessing a report over a TCP/IP connection to the database. The method to access the report has slightly changed with the new Crystal Reports 2008. All of the 40+ reports will need to be modified to work over a TCP/IP connection. This is a time consuming process, and it will take several weeks to complete. All reports work over a Shared Memory (local) connection. So if a report cannot run from a remote computer, run the report from the same computer that houses SQL Server.