

Change Log

Ver. 1.1.0.0 Build 001 – 15 August 2022

- Replaced NET Framework 2 with NET Framework 4.8
- Replaced EnzoLog (no longer active) with QrzLog (saving the QSO in real time requires a subscription to qrz.com)
- Added IC7300BKT CAT support
- Auto-start last used CAT
- Arranged various links to websites
- Minor improvements

Ver. 1.1.0.1 Build 001 – 20 August 2022

- Enabled massive export on QRZLog
- Fixed Bkt Cat startup error
- **Build 002:** Massive export to QRZLog does not require a subscription to qrz.com
- **Build 003:** The qrzlog was not displayed in the new log creation even though the key was entered
- **Build 004:** Fixed problem with displaying spots in the cluster at connection when Preamble option is enabled

Ver. 1.1.0.2 Build 001 – 24 September 2022

- Direct interfacing with WSJT-X/JTDX
 - Unzip the update file in the main BBLlogger folder, overwriting any existing files
- **Build 002:** Added import propagation mode from WSJT-X. Improved frequency/band import from WSJT-X/JTDX

Ver. 1.1.1.0 – 03 November 2022

- Added electronic confirmations (LoTW and eQSL) to all awards
- Removed Build from version
- Added double QSO check when importing from WSJT-X
- Corrected FT8 programme name setting in use in ADIF mode (WSJT-X or JTDX)
- Corrected display when sending a SpotDX to the cluster
- Corrected total connected calculation in Award for LoTW and eQSL
- When closing if you choose to backup, the log will also be compacted after the backup
- In the New QSO mask added clipboard button: if checked, when copying text to the Windows clipboard (with CTRL+C or right-click Copy) that could be a callsign is pasted into the CALL field and the data are searched

Ver. 1.1.1.1 – 06 November 2022

- Removed eQSL from main ARRL awards, for other awards check that eQSL is accepted by the regulation
- Removed minor bugs

Ver. 1.1.2.0 – 20 November 2022

- Fixed partial export to QRZ.LOG
- Added option Auto-Open QRZ in New QSO: if checked when saving the QSO, the qrz.com page with the call biography is opened

Ver. 1.1.2.1 – 04 December 2022

- Improved log compaction

Ver. 1.1.2.2 – 06 December 2022

- Correct display of sending confirmation dialog to LoTW

Ver. 1.1.2.3 – 20 December 2022

- Backing up, restoring and compacting the database is now done by automatically closing BBLogger to avoid conflicts

Ver. 1.1.2.4 – 24 December 2022

- QSO label print limit raised from 10,000 to 25,000
- Checking that the destination of the backup is not the same as the BBLogger folder

Ver. 1.1.2.5 – 31 December 2022

- Solved user registration problem

Ver. 1.1.2.6 – 02 January 2023

- Speeded up database

Ver. 1.1.3.0 – 08 January 2023

- MSHV support added
- Wsjt_I interface improvements.

Ver. 1.1.3.1 – 17 January 2023

- Replaced ENZOLOG with QRZLOG in the Search mask
- Added sending Notes (Comment) to QRZLog when saving the QSO
- Added Custom Modes in the calculation of Mode Statistics.

Ver. 1.1.3.2 – 28 January 2023

- Differentiated UDP decoding between WSJT-X and MSHV

Ver. 1.1.3.3 – 02 February 2023

- In label/QSL printing changed to Asc the default for printing with grouped calls
- In backup you can specify the name of the backup ZIP file

Ver. 1.1.3.4 – 19 February 2023

- Added OHFF and KFF in Flora Fauna award for reference only
- Corrected association with CAT IC706_BKT

Ver. 1.1.3.5 – 20 February 2023

- Backup has been improved, particularly on low-performance PCs.

Ver. 1.1.3.6 – 26 May 2023

- Added satellite name import from WSJT-X Improved (ADIF or UDP mode with MsgID=12)

Ver. 1.1.3.7 – 03/10/2023

- Added sat mode import from WSJT-X Improved (ADIF or UDP mode with MsgID=12)
- Improved the configuration and the Wsjt_I interface

- **Ver. 1.1.3.8 – 14/11/2023**

- Added saving/restoring options in the label print template.
- Removed DCIN and DAIN Awards.
- Saving Notes field in HRDLog both from New QSO and ADIF export for HRDLog.

- **Ver. 1.1.3.9 – 17/11/2023**

- In the QSO SWL window:
 - Added synchronization with WSJT-X, JTDX, and MSHV, exclusively in ADIF mode. Therefore, the QSO must be saved first in the FT8 program, and it will be automatically imported into BBLogger, where it can be further completed with the corresponding CALL.
 - Added synchronization with CATBKT programs.
 - Added Clipboard function to automatically import a CALL by simply selecting it from any program and pressing CTRL+C.
- For SWLs, in the ADIF export for QRZ.Com, the comment field will now include the phrase "In QSO with: call."
- Added the Notes field in the ADIF export for QRZ.COM from File Manager.
- Fixed QSO submission to QRZ.com if the '&' character was present in any of the fields.
- Updated the links to the new aribusto.it website.
- Various improvements.

- **Ver. 1.1.4.0 – 01/12/2023**

- Added interface for QARTest
- Various improvements

- **Ver. 1.1.4.1 – 13/12/2023**

- Added parameter to delay the sending of QARTest QSOs to BBLogger.
- Improved DUPE calculation in QARTestInterface
- Enhanced synchronization in QARTestInterface
- Added multi-reference control in QARTestInterface (QSOs with multiple references will be saved with the first available reference and highlighted in green in the grid)
- If one of the QARTest notes fields contains a valid WWLocator, it will be inserted as the QSO locato
- In QRATestInterface, a button has been added for loading the entire QARTest log.
- When starting the connection to QARTest, the main window of BBLogger will be hidden and will only become visible again when stopping or closing QARTestInterface
- Hidden the Date QSLs and Date QSLr cells in QSL Management and in Searches (F3) if the year is earlier than 1901.
- When pressing the F3 key to recall searches, upon exiting them, the log sorting could change.
- Confirming the receipt of QSL from Searches, if the QSL reception date has not been previously set, today's date will be set.
- Deleting a QSL receipt confirmation from searches will also reset the QSL reception date (both in single and multiple selections).
- Added unreceived QSL in the grid menu in searches.
- Various improvements.

- **Ver. 1.1.4.2 – 19/12/2023**

- Band control in QARTest: if there is no match in the QARTestInterface.ini table, the QSO is not saved and remains highlighted in yellow.
- In QARTestInterface, the main window is also hidden upon starting the "Load All Logs" function.
- Enabled real-time update of the main log when modifying a QSO from the Search mask.

- **Ver. 1.1.5.0 – 27/12/2023**

- Added automatic installation/update setup.
- Fixed QRB calculation in QARTestInterface.
- Highlighted in red [Search by call] in QSL/Labels management.
- Fixed modification of QSLr and QSLs dates with multiple selection.
- Sent azimuth and elevation data to rotors using software compatible with the UDP protocol of PSTRotator.
- Added backup/restore options form.
- Added backup for QARTestInterface.ini.
- Added backup for satlist.txt.
- Added backup for the QslTemplate folder.
- Added backup for the QslImage folder (optional and only for files not present in the backup folder).
- Added backup for the FilesAward folder (all files that are not .mdb).
- Added backup for the MyAward folder.

- **Ver. 1.1.6.0 – 17/02/2024**

- In QARTestInterface, the error color for eQSL has been changed from yellow to green.
- Fixed a bug in the IOTA call award change for confirmations via LoTW.
- Checked the FilesAdif folder and created it at startup if it does not exist.
- Implemented a check to prevent BBLogger from being opened more than once.
- Added the saving of X, Y, Economy sheet, and sheet measurements in the label template.
- Checked the database; if it does not exist, the Maintenance program is automatically opened.
- Improved the speed of duplicate IOTA search in New QSO.
- Removed the MMVARI registration at startup and added it in the setup program.
- Made minor improvements to the WSJT interface.
- The setup program cleans up any temporary folders created by BBLogger.
- Improved access to File Manager from the main menu.
- Fixed a bug causing freezes if the DXCC check was selected in the cluster.
- At startup, the database version is checked, and if necessary, it is updated.
- Added web links for BBLogger in the Info menu.
- Updated links in Favorite WebLink.
- Option to select different locations for the database and qslimage (Maintenance).
- Option to attempt recovery of a damaged database (Maintenance).
- Reset window positions (Maintenance).
- In the BBLogger main bar, the version and the path of the current database, if different from the standard, will be displayed.
- Added a maintenance program with the following features:

- - Backup
 - - Restore
 - - Optimize/Repair DB
 - - Select DB to use in BBLogger
 - - Create a new DB
 - - Move the DB to another folder
 - - Reset BBLogger window positions.
- **Ver. 1.1.6.1 – 21/02/2024**
 - Corrected duplicate search in Awards for a New QSO
 - Removed DCIN and DAIN from awards in NuovoQSO because they are no longer active
 - Fixed a bug causing slowdown in certain functions
 - Optimized eQSL import
- **Ver. 1.1.6.2 – 22/02/2024**
 - Optimized eQSL import
- **Ver. 1.1.6.3 – 23/02/2024**
 - Increased consistency checks on Backup/Restore
 - A database cannot be created in the root folder of a disk but only in subfolders. For example, E:\ is not allowed, but E:\BBL_DB is OK.
- **Ver.1.1.6.4 – 07/03/2024**
 - Correct DXCC calculation for QSOs with new countries (you need to exit and re-enter BBLogger to see the newly calculated DXCCs)
- **Ver.1.1.7.0 – 30/03/2024**
 - Fixed an issue with exporting large ADIF files
 - Added additional error help messages for LoTW export
 - Sped up call sign change for accreditation in the USA_CA award
 - Real-time update for awards calculation
 - Fixed minor bugs
 - Added ARI sponsorship logo
 - In Edit QSO, added button to view/insert QSL image
 - Added Print button in the received QSL image display screen
 - Fixed bug to prevent double opening of the New QSO window
 - Confirmation time for eQSL image download reduced to within 5 minutes of the QSO start time (as per eQSL specifications)
 - Fixed bug that doesn't download eQSL images if the same QSO is duplicate or entered in multiple logs
 - Converted HTTP calls to HTTPS in the configuration file
 - Fixed bug in resizing QSL data OM->OM
 - Resized Log and Cluster grid row heights based on selected font size
 - Fixed bug in resizing QSO data box in proportion to the number of QSOs listed on the QSL OM per OM
 - QSL sending via email
 - Moved UDP configuration for rotor from QSO Window to Configuration/Maintenance -> Preferences

- **Ver.1.1.7.1 – 07/04/2024**
 - In UDP ADIF transmission, the SUBMODE field will be included only if it contains data.
 - In the New QSO section, the PROP, SAT Name, and SAT Mode fields will not be reset between consecutive QSOs.
 - Corrected calculation of Total QSOs.
 - In SWL Listening Data, when sending to eQSL, the WKD field is added, along with "In QSO with:" if "In QSO >" is filled.
 - Added call import from the cluster with double-click on the spot in Listening Data.
- **Ver.1.1.7.2 – 12/04/2024**
 - Default setting for "Group Callsigns" flag activated in label printing.
 - Correct display of grid in QSO insertion/deletion.
 - Automatic closing of the New QSO window when performing import/export operations, configurations, or log changes.
- **Ver.1.1.8.0 – 27/05/2024**
 - Generic Adif import accepts .adi and .adif files
 - Added 8m band
 - Backup: Ability to set the maximum number of backups to keep
 - Hours and minutes also added to the backup name to have multiple backups even on the same day
 - Cluster: FT8, FT4, JT, FM, AM modes added in band situation
 - Ability to send a spot to the cluster also from New QSO
 - Various interface improvements
 - From this version it is possible to save up to 6 QSL images for each QSO
 - Added MY WWL field at QSO level
 - Added option to enable/disable internet in the QSO Expeditioner mask
 - Automatic check for possible new version and notification with download link
 - Added the F12 key to save the QSO
 - In the DLI references search, the location filter is no longer applied
 - Corrected QTH modification with barred calls on IOTA reference
 - Added Fast QSO mode
 - Ability to resend the QSO to ClubLog, HRDLog, and QRZLog even if it is already marked as sent.
 - In the Restore, you can choose what to restore
 - Faster opening
 - Added satellite list editing
- **Ver.1.1.8.1 – 12/06/2024**
 - DXCC Status improved
 - Improved program version control
- **Ver.1.1.8.2 – 14/06/2024**
 - Improved Mode and WWL management in Fast QSO
- **Ver.1.1.8.3 – 22/06/2024**
 - Added CC Cluster type cluster support
 - Added STATION_CALLSIGN tag to Generic ADIF export

- Various improvements
- **Ver. 1.1.8.4 – 26/06/2024**
 - Enhanced update check for BBLogger
- **Ver. 1.1.8.5 – 29/06/2024**
 - Enhanced CheckDB Process
 - Various improvements
- **Ver. 1.1.9.0 - 18/09/2024**
 - Added option to restore Custom Awards
 - Improved restore with additional checks
 - Updated nuget packages with vulnerabilities
 - Added the ability to display MYLOCATOR and OPERATOR columns in the log grid
 - Added Qsl Mng button in Fast QSO
 - In New QSO, after entering the CALL, if it has a manager (local DB managers only), the Qsl Mng Local button and the QSL Manager field are highlighted in yellow
 - In the SWL Form, added a button to save the listening without resetting the data
 - Made the size and position of the SWL Form independent from the QSO Form
 - Added My WWL in QARTestInterface
 - Operator Management
 - In the log and search grids, NAME indicates the name of the contact, while OPERATOR indicates the station operator's call
 - Added OPERATOR and MYLOCATOR columns in the search grid
 - Added OPERATOR and MYLOCATOR in the Multiple Edit of selected QSOs
 - Added BBTools icon on the desktop
 - Added recycle bin for deleting single QSO in QARTestInterface and FastQSO
- **Ver. 1.1.9.1 – 28/09/2024**
 - Corrected the search with F3 when the SATNAME field is included.
- **Ver. 10.0 – 09 November 2024**
 - Changed the displayed version to now only consider the last two values (1.1.10.0 will be displayed as 10.0).
 - Added filters to the main log grid.
 - Bulk updating of selected QSOs using the local Callbook, QRZ, or HamQth (limited to 100 QSOs at a time for QRZ and HamQth), including updates to associated Awards.
 - In DXCC status (F8 key in the QSO window), FT8, FT4, JT, and AM modes have been added.
 - FastQSO: added Call Status, QRB, and rotor management.
 - Standardized the layout of the QSO Data, FastQSO, SWL Form, and Shipping Form windows.
 - When opening NewQSO or FastQSO, the operator and/or my locator are checked; if they differ from the last QSO made, those from the previous QSO are suggested.
 - On startup, checks the database opening process, automatically retrying every 5 seconds up to 3 times if the database is busy before reporting an error.

- On startup, deletes files older than 30 days from the DownloadFile, Adif_Errors, and ImportedLotW folders.
- QARTest Interface: when not in data acquisition mode, it is possible to work on the log even with the QARTest Interface window open.
- Added a Links menu for quick access to sites of major interest.
- Custom Awards: in the QSO tab, they are sorted by name.
- Added backup checks.
- Various improvements.

- **LoTW:**

- Option to specify the confirmation import date (with many QSOs, download time might be significant, but this depends on LoTW servers, not BBLogger).
- Allows updating the following details for each confirmed QSO: Locator (with automatic QRB calculation), USA County, WAS, WAZ, and ITU based on LoTW data. Naturally, detailed updates may slow down processing.
- Updates and confirmations are processed only for the log selected as the destination log.
- QSOs are updated with LoTW data only once, so if you manually edit data for an already updated QSO, it will no longer be automatically modified by LoTW.

- **eQSL:**

- Option to update the locator (eQSL only provides the locator) for each QSO using data from eQSL.
- Updates and confirmations are processed only for the log selected as the destination log.
- QSOs are updated with eQSL data only once, so if you manually edit data for an already updated QSO, it will no longer be automatically modified by eQSL.

- **Generic ADIF Import:**

- Option to update data and award references associated with QSOs during import, using the configured callbook (local Callbook, QRZ, or HamQth), with three modes:
 1. update only missing data,
 2. update all data,
 3. fast import without updates.

- **Ver. 10.1 – 28 November 2024**

- Corrected update of the Locator in the log grid after modifying it from Modify QSO
- Added DXCC verification using LoTW confirmations
- When updating data from LoTW confirmations, WAZ, ITU, or DXCC Code will not be updated if their value is 0.
- When updating data from LoTW confirmations, COUNTY or WAS will not be updated if their fields are empty.
- A standalone file has been generated, listing only the Counties whose data has been modified based on LoTW confirmations.
- Added automatic startup check for consistency between counties and DXCC.

- **Ver.10.2 – 05 December 2024**

- As per LoTW regulations, QSOs are confirmed up to 30 minutes before or 30 minutes after the QSO start date in BBLogger.

- As per eQSL regulations, QSOs are confirmed up to 60 minutes before or 60 minutes after the QSO start date in BBLlogger.
 - Tabulation of QSO Form with the sequence Name -> QTH -> Notes.
 - Added WSJT-X interface configuration button also in the Fast QSO screen.
 - On startup, deletion of files older than 30 days from the ImportedEqsl folder.
 - Filters have been optimized with the list enabled
- **Ver.11.0 – 01/03/2025**
 - CAT support via LAN with DX Labs' DX Commander compatible protocol
 - Added recognition of standard frequencies associated with FT8 and FT4 modes
 - Status DXCC and Status Call windows can be minimized to icons
 - When the QSO window is opened, Status Call and/or Status DXCC windows are reopened if they were active when the QSO window was closed
 - Added Sat Name and Sat Mode to mass QSO edits
 - Ability to select the maximum number of QSOs when printing labels/QSLs. WARNING: too high a number of QSOs could freeze the program
 - Custom FT8 and FT4 modes are added by default when creating a new Log
 - Wsjt_I interface version 2:
 - Fully integrated into BBLlogger
 - UDP mode with automatic selection of the program used (WSJT-X, JTDX or MSHV)
 - Automatic resolution of the JTDX UDP bug
 - Multicast support in UDP mode
 - From the New QSO and FastQSO forms, you can switch from one interfacing mode to another without recalling the configuration form
 - Three UDP modes:
 - UDP 5 Works with WSJT-X, JTDX and MSHV
 - UDP 12 Receives more data, works with WSJT-X, JTDX and MSHV if the ADIF option is enabled
 - UDP ADIF Decodes only UDP ADIF packets, works with MultiPSK
 - Ability to define multiple paths for ADIF mode
 - Corrected saving of personal managers in the log database
 - In the QSO form, selecting a custom reference inserts the QTH only if missing
 - Changing the call also clears the manager field
 - All Log table fields added to column reordering
 - Added user-editable dynamic menu for launching external programs from BBLlogger
 - In label printing and Custom QSL printing, ability to select only OM, only SWL, or both
 - In QSL Management, ability to set the status of the QSL sent to SWLs by right-clicking on the relevant HRD
 - From the log grid, you can set the received QSL status by selecting the QSO and right-clicking
 - Custom Awards activated for SWLs as well
 - Manually entered managers will no longer be overwritten by the automatic manager update
 - Added MyManager to backup/restore
 - Optimized REF Search

- Log database sped up