Release and Installation Notes
BEM 2K3 version 10.22.0

Document version 1: 03 November 2021.

Contents

BEM and Toolbox Updates

To avoid any incompatibility problems, enable all facilities and for Australian users to have event sanctioning compliance with 2022 AusCycling BMX rules, please install ensure the minimum versions you are running are BEM 10.22.0 and Toolbox 3.22.1.

Installation Procedure for the BEM 2K3 version 10.22.0 Package

Open the **`2a BEM 10 Production 10-22-0.zip`** file and save the
`2a BEM 10 Production 10-22-0.msi` file in any convenient location.

> Please do not proceed with the installation unless you have both your Registered User Code and the Upgrade Code applicable to this version.
>
> Should you wish to purchase an upgrade to the BEM 11 series or have purchased an upgrade and do not have your User or Upgrade Codes, please contact lyndon.downing@bigpond.com

Any installed BEM version commencing with 10. or 3.10 MUST be removed via Control Panel, Programs and Features before installing this update.

Note that 10.x versions of BEM can co-exist with 11.x versions. Recommended action is that all earlier versions of BEM are removed once 10.22.0 is successfully installed and run to avoid inadvertently running earlier version that will not be compliant with the current UCI and local Association Regulations.

Removal Procedure
Note that screen shots may vary depending on the version of windows installed.

Click Start, Control Panel, Programs and Features (Add and Remove Programs in Windows XP)

Uninstall or change a program

To uninstall a program, select it from the list and then click Uninstall, Change or Repair.

| Organise ▾ Uninstall Change Repair				
Name	Publisher	Installed On	Size	Version
▣ BMX Event Manager	Bemman	19/10/2021	31.9 MB	10.21.8

Right click on the selected Bem2K3 or BMX Event Manager then Left click on Uninstall.
Answer Yes to any prompts required to complete the removal of the earlier version.

Double click on the **`2a BEM 10 Production 10-22-0.msi`** file saved earlier (see page 2) to start the installer.
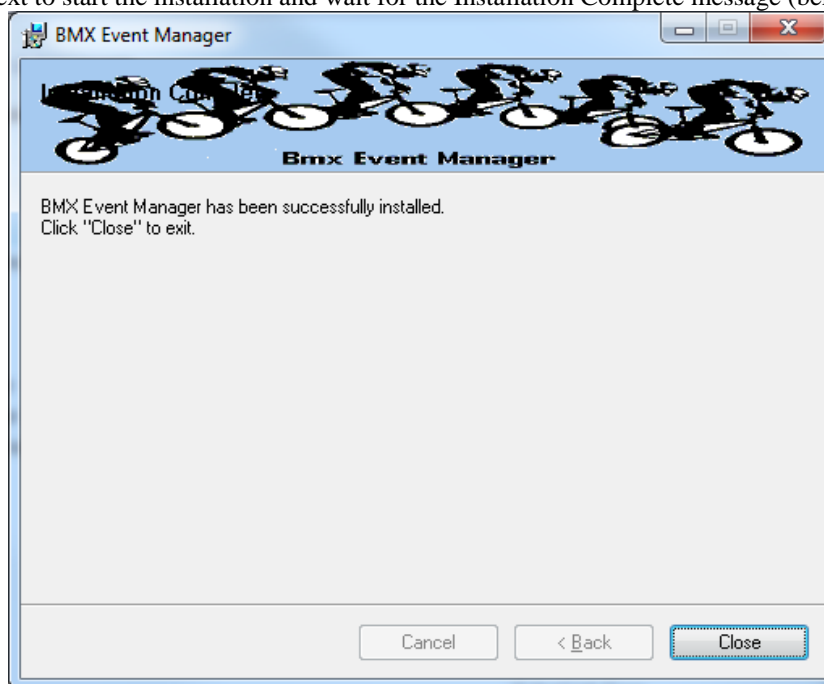
The following screen is displayed.
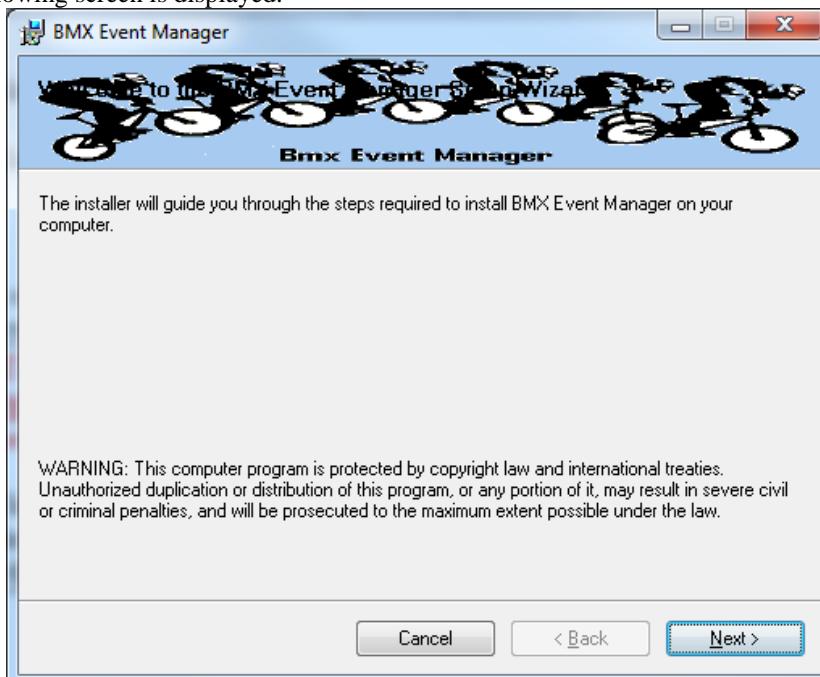
Click Next to proceed and the following screen is shown.
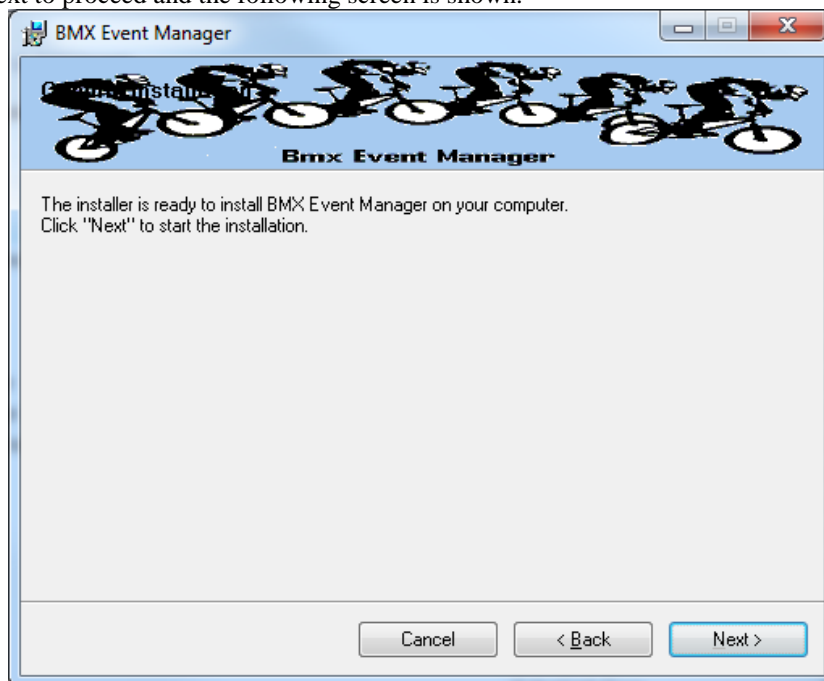
Click Next to start the installation and wait for the Installation Complete message (below).

Note that the installation is hardcoded into the folder structure:
C:\BEM\Programs\Event\3.10.x for BEM and Series programs
C:\BEM\Programs\Report\3.10.x for the RRD program.

If not done previously as per step 2.1 on page 14 of this document, Office 2007 and Office 2010 users should include the path C:\BEM\Programs in the Excel list of trusted locations.

The installation procedure installs the BEM, RRD and Series programs, adds the BMX Event Manager group in the Programs Menu and provides shortcuts on the Desktop.

Note: if the shortcuts are added but with default rather than the custom icons, please contact lyndon.downing@bigpond.com for assistance to resolve this issue.
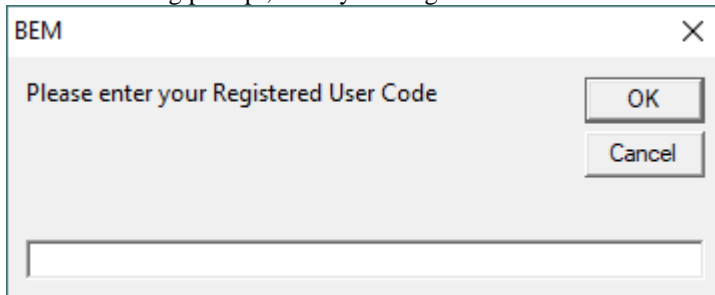
Double click on the BEM icon to start the program.
Note that the registration status at the top left of the screen will always show "Unlicenced Copy" before the language selection is made

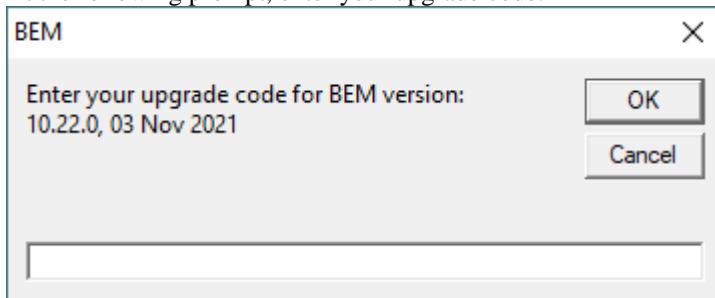Select the required language option then click OK

If you do not have a Registered User Code or Upgrade Code for this version then please contact lyndon.downing@bigpond.com

At the following prompt, enter your Registered User Code

At the following prompt, enter your upgrade code:

The BEM version and your PC's Excel version and build details will then be shown.

Check that your BEM version and date is as shown below.
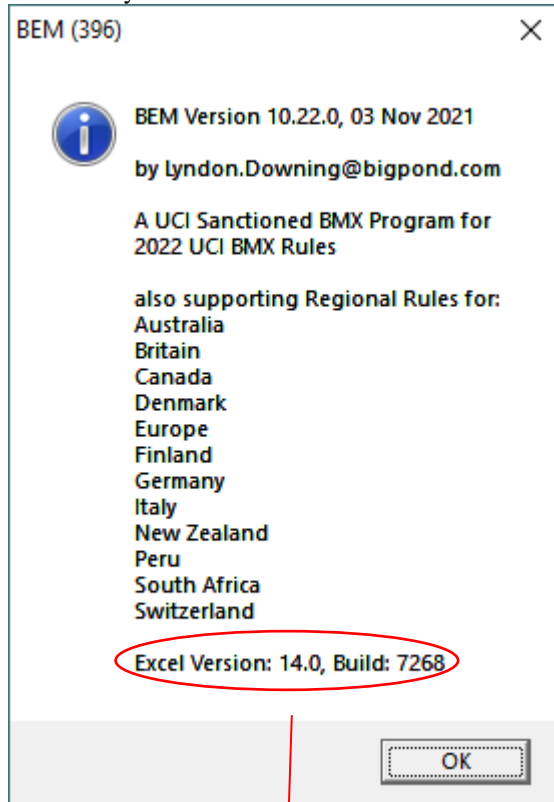

The banner also includes the Excel version and Build numbers running on your computer as a quick check that you have the latest Microsoft Office updates installed. If you do not have versions at least matching the following, there is a good chance that your version of Excel is not up to date and may result in unpredictable operation of the BEM program.

| Version	Build	Comment
11.0	8404	Excel 2003, Service Pack 3+
12.0	6762	Excel 2007, Service Pack 2+
14.0	7268	Excel 2010, Service Pack 1+

Select the appropriate Association / Region or UCI if used for other than the listed Associations.
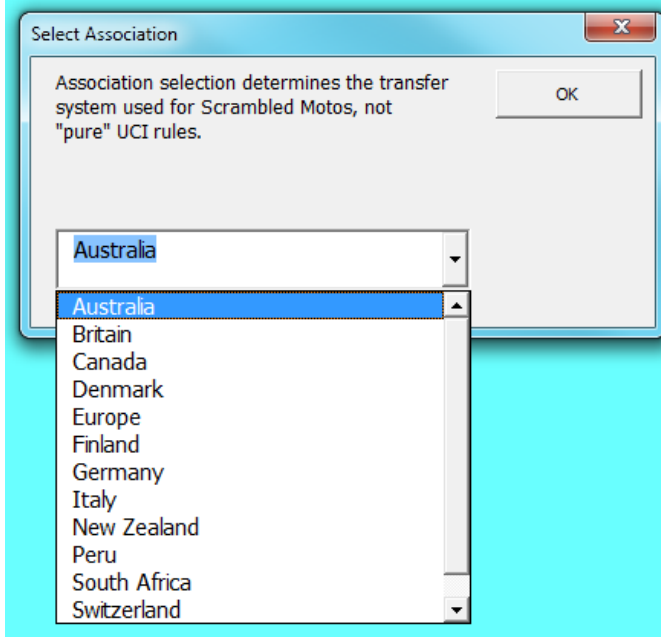

Note that the first time the BEM program is run as a first installation, the Event Files and Passing Files back-up paths may not be set or not valid and the following reminder message will be received.
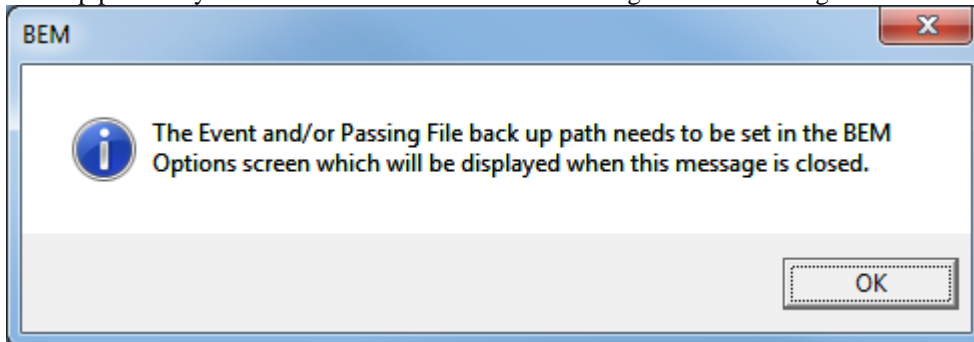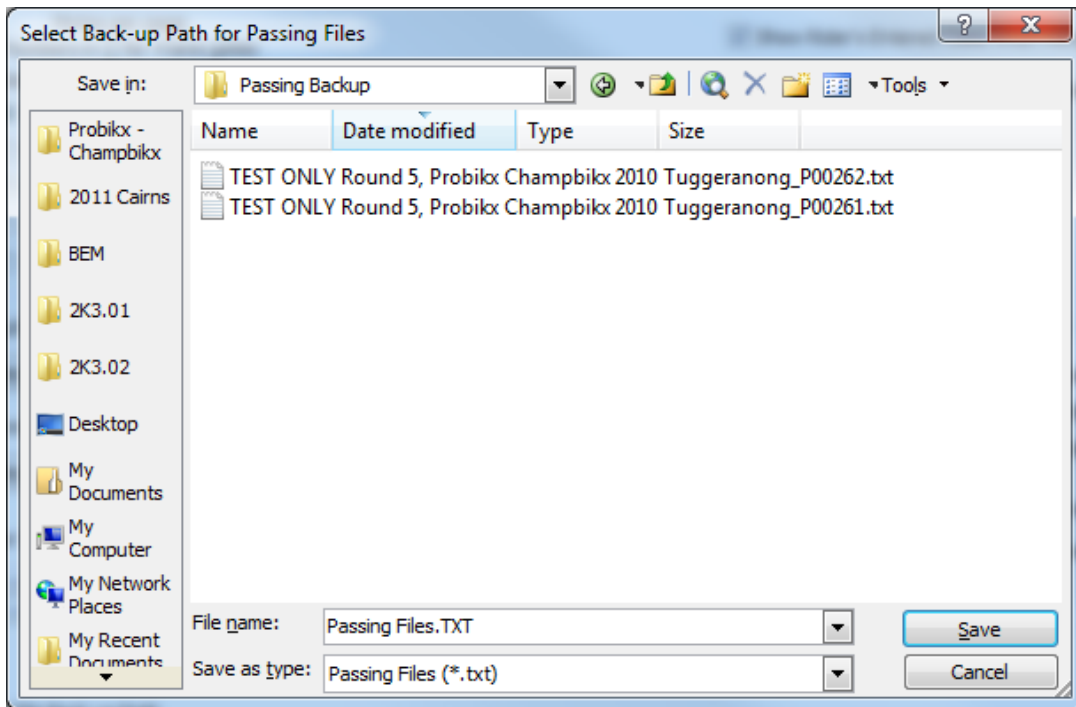
Note that the **Event File Back-up Path** and **Passing Files Back-up Path** are blank and need to be set.
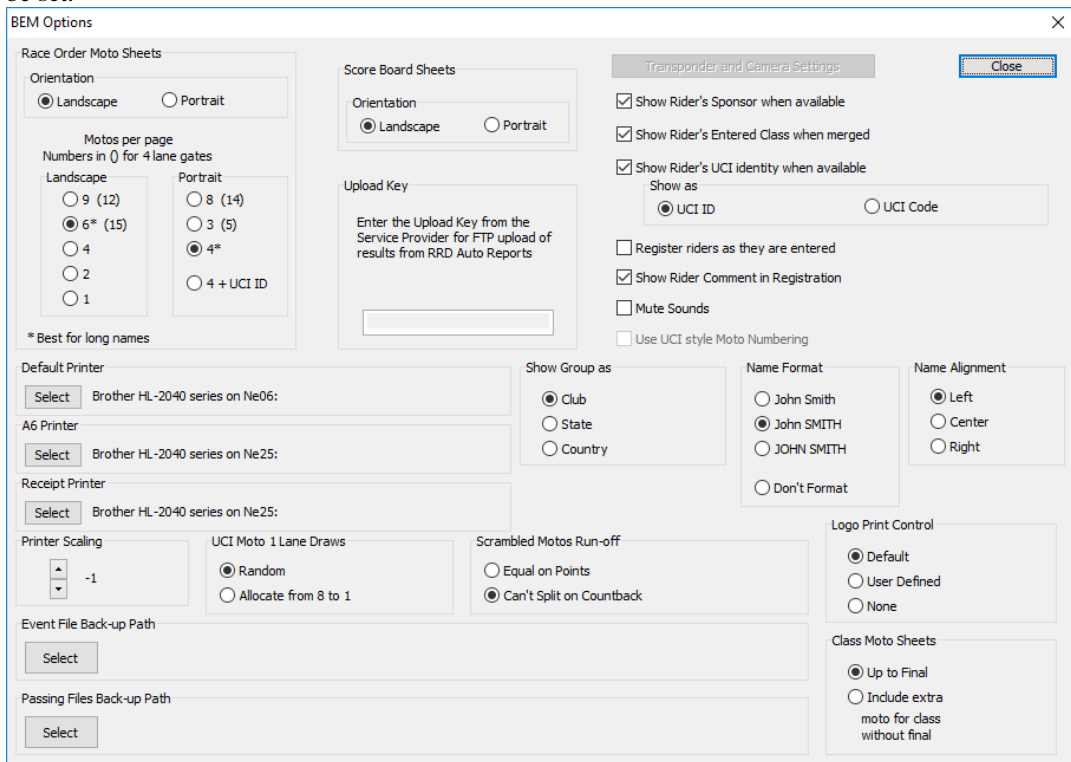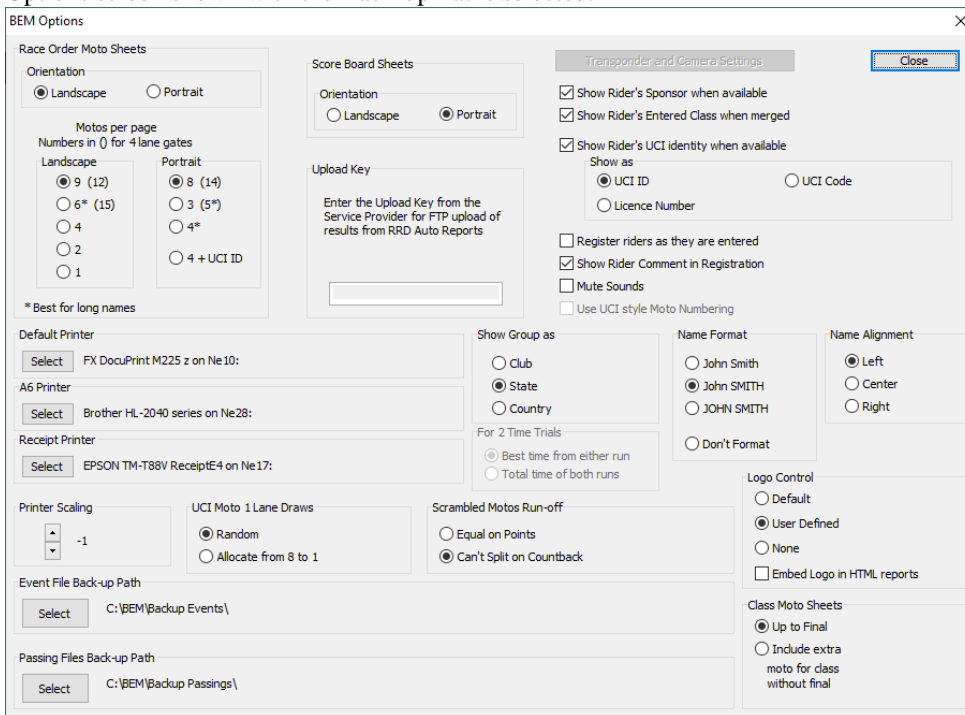

If you recoded the settings from an earlier version BEM installation restore those settings now.
To select the paths, click on respective **Select** button, navigate to the required back up folder and then click on the **Save** button.
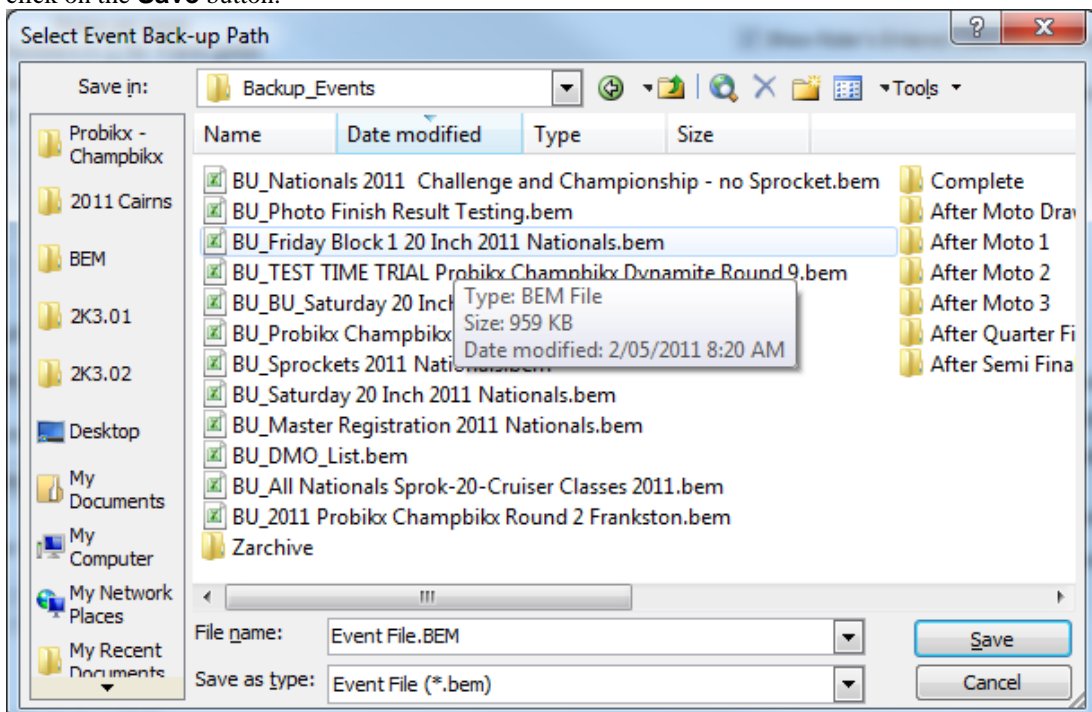
Options screen shown with the Back-up Paths selected.

Once the Event File Back-up and Passing File Back-up paths are selected and the Scrambled Motos Run-off setting is made you can close the options screen and select an Event File.

Changes from 10.21.8 to 10.22.0 (this release)

BEM

- Update for compliance with UCI BMX 2022 rules.
- Update for compliance with AusCycling BMX 2022 rules.
- Correct the import of lap times in Orbits results format where the decimal part of the time is other than 3 digits.
- Updated event database in preparation for the AusCycling Advanced Rider feature.

RRD

- Correction to an omission in earlier builds to the generic category selection user-form which could result in a program error with some operator generated reports from the Report Menu.
- Removes unexpected and unwanted operator warning for a class with 0 entries when Event Level Time Trial Draws and Results is selected.

SERIES

- Alignment with BEM feature changes.

Changes from 10.21.5 to 10.21.8 (previous release)

BEM

- Alignment with applicable BEM 11 stream updates, noting that Pump Track and MTB Enduro features are exclusive to the BEM 11 stream.
- Reduce the minimum lap time setting to cater for loop start runs where multiple loops are connected to the one decoder.
- Update the database structure and Class Types in preparation for the AusCycling Advanced Rider classification.
- Update for the MyLaps Smart Decoder to allow for Start Gate transponder specifications when importing records from Timing and Scoring to use the same convention as with the MyLaps desktop decoders. I.e. 00-09991, 00-09992 00-09993
- Provide a new report display option to show the rider's Licence Number as an alternative to the existing UCI ID or UCI Code.

- Minor change of print time format in reports to avoid conflicts with regional and non-English configurations.

RRD

- Alignment with applicable BEM 11 stream updates, noting that Pump Track and MTB Enduro features are exclusive to the BEM 11 stream.
- Provide a new report display option to show the rider's Licence Number as an alternative to the existing UCI ID or UCI Code.

SERIES

- Alignment with applicable BEM 11 stream updates, noting that Pump Track and MTB Enduro features are exclusive to the BEM 11 stream.
- Provide a new report display option to show the rider's Licence Number as an alternative to the existing UCI ID or UCI Code.

Operating System Requirements

The recommended PC environment is:

Operating System: 32 or 64 bit versions of Windows XP, Vista (OK but best avoided if possible), Windows7 and for Windows 8 & 8.1 and Windows 10, full versions, not the RT tablet versions.
If you are using BEM in a networked environment to run transponder timing or the RRD program, use of the Professional rather than the Home versions of Windows are strongly recommended.

Microsoft Office: Office 2010 (recommended), Office 2007 or Office 2003.

Note that BEM does not run on Office 2013, 2016 or Office 365 as Microsoft have not maintained full backwards compatibility with Office 2010, 2007 and 2003 versions.

For new PCs that come pre-installed with an Office version later than 2010, the following options are suggested.

1. If you don't have a specific requirement for the new facilities in the pre-installed version Office and haven't paid the licence fee for that:

    a. Totally remove Office from the PC.

    b. Buy and install a legitimate version of Office 2010 from eBay or from a download retailer such as https://www.ecrater.com.au/p/30522352/microsoft-office-2010-pro-plus-32-64-bit?gps=1&id=115926669379&keywords=&gclid=CjwKCAjwm4rqBRBUEiwAwaWjjK60coZew2EOxi9W_eodOHFfGc8FKc4vya1IbS3VT41eix1YEFxqnBoCRJgQAvD_BwE
    or
    https://theunitysoft.com/product/office2010proplus/?gclid=EAIaIQobChMI07_I7NXN4AIVGK6WCh2pWwWhEAYYBCABEgJcpvD_BwE

    Typically a legitimate licence is available for around $10 - $30, significantly cheaper than the Office 365 / 2016 licence that Microsoft would like you to purchase.

2. If you need to keep the pre-installed Office version on the PC with either Win7, Win8 or Win 10.
   a. Do a partial installation of Office 2010 installing only Excel 2010 which will happily co-exists with later Office versions.
   b. To get BEM to open with Office 2010 when you also have later Office versions installed then either:
      i. Open Excel 2010 before clicking on the BEM icon.
         ii. Set up your own shortcuts to BEM, RRD, Series and Toolbox that direct to Office 2010. Note that in some PCs, particularly non-english language versions of Windows, the path to Office14 Excel may be different to this example.

      Typical Shortcut Target when Office is a 32bit installation

      BEM
      "C:\Program Files (x86)\Microsoft Office\Office14\EXCEL.EXE" "C:\BEM\Programs\Event\3.10.x\Bem2K3.xls"

      RRD
      "C:\Program Files (x86)\Microsoft Office\Office14\EXCEL.EXE" "C:\BEM\Programs\Report\3.10.x\Rrd2K3.xls"

      Series
      "C:\Program Files (x86)\Microsoft Office\Office14\EXCEL.EXE" "C:\BEM\Programs\Event\3.10.x\Series2K3.xls"

      Toolbox
      "C:\Program Files (x86)\Microsoft Office\Office14\EXCEL.EXE" "C:\BEM\Programs\Toolbox\BEM_Toolbox3.xls"

      Typical Shortcut Target when Office is a 64bit installation

      BEM
      "C:\Program Files\Microsoft Office\Office14\EXCEL.EXE" "C:\BEM\Programs\Event\3.10.x\Bem2K3.xls"

      RRD
      "C:\Program Files\Microsoft Office\Office14\EXCEL.EXE" "C:\BEM\Programs\Report\3.10.x\Rrd2K3.xls"

      Series
      "C:\Program Files\Microsoft Office\Office14\EXCEL.EXE" "C:\BEM\Programs\Event\3.10.x\Series2K3.xls"

      Toolbox
      "C:\Program Files\Microsoft Office\Office14\EXCEL.EXE" "C:\BEM\Programs\Toolbox\BEM_Toolbox3.xls"

      To add these shortcuts to the start menu, copy and paste or create the shortcuts in the following 'Hidden' folder:

      C:\Users\username\AppData\Roaming\Microsoft\Windows\Start Menu\Programs

      Now open Start Menu > All apps and locate the shortcut(s) you placed. Right-click on it and select Pin to Start.

The following preparatory actions if not already implemented from earlier releases of BEM will avoid compatibility problems.

1. Download and install the latest applicable Office 2003 / 2007 / 2010 service packs and updates. This is very important as there is a history of unpredictable operation should the latest Microsoft updates not be installed.

2. For users running Office 2007 and Office 2010.

    2.1. Include the C:\BEM path and any other locations where you save BEM files in the list of Excel Trusted Locations.
    Method:
    2.1.1. Open Excel.
    2.1.2. Select **File** then **Options**.
    2.1.3. Select **Trust Center**.
    2.1.4. Click on **Trust Center Settings…** button.
    2.1.5. Click on **Add new location…** button and add any required paths and select the **Subfolders of this location are also trusted** if appropriate and then click on OK to accept and close the dialog
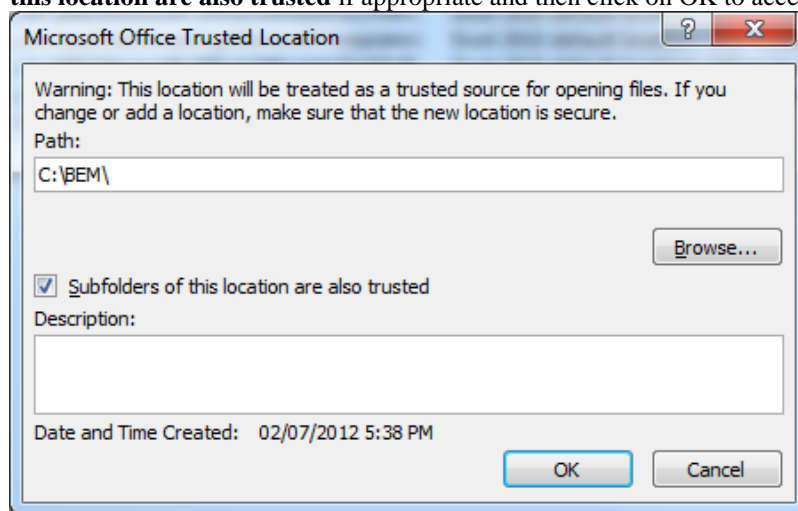
2.1.6. . • Click on OK to close each of the dialogs until back in Excel which now can be closed.