Document version 1: 28 June 2022.

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# **BEM and Toolbox Updates**

To avoid any incompatibility problems and to enable all facilities, the Toolbox program you are running should have a minimum version of 3.22.7.

# Changes in this release from 11.22.3 to 11.22.4

Version 11.22.4 is a maintenance release correcting a fault with the Race List only showing 1 Time Trial / Qualification stage when 2 are specified.

Because of the nature of the correction, all BEM 11 series users should update to this release without delay.

# **BEM, RRD & SERIES**

• Correction to the building of the Race List when two Time Trial / Pump Track Qualification stages are specified.

Note that scoring was not impacted by the issue being corrected.

• Update to the Time Trial Start List (moto sheet) printed format to use heavier lines between each rider as some printers do not consistently print the faint lines in the previous print template.

# Installation Procedure for the BEM version 11.22.4 Package.

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 11 series or have purchased an upgrade and do not have your User or Upgrade Codes, please contact <u>lyndon@moto-sheets.com</u>

Open the **BEM 11-22-4 Test Release.zip** file and save the **BEM 11-22-4 Test Release.msi** file in any convenient location.

Any BEM installed with a version commencing with 11 MUST be removed via Control Panel, Programs and Features before installing this update.

E.g.

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
EII BEM Toolbox3	Bemman	24/06/2022	3.35 MB	3.22.7
📧 Bem Train	Bemman	27/06/2022	4.60 MB	3.3.1.6
BMX Event Manager	Bemman	09/06/2022	32.1 MB	11.22.3

Double click on the **BEM 11-22-4 Test Release.msi** file saved earlier (see page 3) to start the installer.

The following screen is displayed.

BMX Event Manager	
Bmx Event Manager	
The installer will guide you through the steps required to install BMX Event Mar computer.	nager on your
WARNING: This computer program is protected by copyright law and internation Unauthorized duplication or distribution of this program, or any portion of it, may or criminal penalties, and will be prosecuted to the maximum extent possible un	result in severe civil
Cancel < <u>B</u> ack	<u>N</u> ext >

Click Next to proceed and the following screen is shown.

😸 BMX Event Manager	
Bmx Event Manager	
The installer is ready to install BMX Event Manager on your computer. Click "Next" to start the installation.	
Cancel < <u>B</u> ack	Next >

Click Next to start the installation and wait for the Installation Complete message (below).

BMX Event Manager	
Bmx Event Manager	
BMX Event Manager has been successfully installed. Click "Close" to exit.	
Cancel < <u>B</u> ack	Close

Note that the installation is hardcoded into the folder structure: C:\BEM\Programs\Event\3.11.x\ for BEM and Series programs C:\BEM\Programs\Report\3.11.x\ for the RRD program.

If not done previously as per step 2.1 on page 18 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 <u>lyndon.downing@bigpond.com</u> for assistance to resolve this issue.



Double click on the BEM icon **E** 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

BMX Event Manager©		×
Select Language / (	Choisissez la langue	ОК
	English	
- <u>(</u>	🔘 Spanish	
	© French	
	🔘 German	
	🔘 Italian	
	🔘 Czech	
۲	Portuguese	

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 <u>lyndon.downing@bigpond.com</u>

At the following prompt, enter your Registered User Code

BEM	×
Please enter your Registered User Code	OK Cancel

At the following prompt, enter your upgrade code:

BEM	×
Enter your upgrade code for BEM version: 11.22.4, 28 Jun 2022	ОК
	Cancel
I	

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.

BMX Even	t Manager© (5)		×
	BEM Version 1	1.22.4, 28 Jun 2022	
	by lyndon.Dov	vning@bigpond.com	
	2022 UCI BMX 2022 UCI Pump		
	Australia Britain Canada Denmark Europe Finland Germany Italy	g Regional Rules for:	
	New Zealand Peru		
	South Africa Switzerland		
	Excel Version:	14.0, Build: 7268	
		OK	

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 2+

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

Sel	ect Association		×
	Association selection determines the transfe system used for Scrambled Motos, not "pure" UCI rules.	r	ок
	Australia Australia	•	
	Australia Britain		
	Canada		
	Denmark		
	Europe		
	Finland		
	Germany Italy		
	New Zealand		
	Peru		
	South Africa		
	Switzerland	-	

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.

BEM	× X
The Event and/or Passing File back up path nee Options screen which will be displayed when the	
	ОК

# Note that the **Event File Back-up Path** and **Passing Files Back-up Path** are blank and need to be set.

BEM Options				×	
Race Order Moto Sheets Orientation	Score Board Sheets Orientation	Transponder and Camera Settings		Close JSON API Report Settings	
Motos per page           Numbers in () for 4 lane gates           © 9 (12)         Portrait           © 9 (12)         3 (5°)           0 4         3 (5°)           2         4 *           1         4 + UCI ID	Landscape     Portrait Upload Key Enter the Upload Key from the Service Provider for FTP upload of results from RRD Auto Reports	Show Rider's Entered Class when merger Show Rider's UCI identity when availabl Show as  UCI ID UC ID UC UCENCE Number Register riders as they are entered Show Rider Comment in Registration Mute Sounds UCI Cli Shyle Moto Numbering		Competition ID Server IP Server Port E.g. IP: localhost or 192. 168.0. 101 Port: 8060	
Default Printer Select PK DocuPrint M225 z on Ne 10: A6 Printer Select Brother HL-2040 series on Ne 28: Receipt Printer Select EPSON TM-T88V ReceiptE4 on Ne 1:	7:	Show Group as Club Club Country For 2 Time Trials Best time from either run Total time of both runs	Name Format John Smith John SMITH JOHN SMITH Don't Format Logo Control	Name Alignment	
Printer Scaling UCI Moto 1 La @ Random Allocate f Event File Back-up Path Select Passing Files Back-up Path Select	◯ Equal	Motos Run-off on Points Split on Countback	<ul> <li>Default</li> <li>User Defined</li> <li>None</li> <li>Embed Logo in H</li> <li>Class Moto Sheets</li> <li>Up to Final</li> <li>Include extra moto for class without final</li> </ul>	ITML reports	

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.

Select Event Back	-up Path					? ×		
Save in:	Backup_E	vents	- 🚱	-12   🕄 🕻	X 📑 🏢	▼Too <u>l</u> s ▼		
Probikx - Champbikx	Name	Name Date modified Type Size						
2011 Cairns		hals 2011 Challenge Finish Result Testing		onship - no S	Sprocket.bem	Complete		
길 вем	🗷 BU_Friday	Block 1 20 Inch 2011	Nationals.be		ind 9.bem	After Moto 1 After Moto 2		
)) 2K3.01	BU_BU_Sa	Image: State of the state						
)) 2K3.02	BU_Sprockets 2011 National Contraction 2/05/2011 8:20 AM							
📃 Desktop	BU_Saturday 20 Inch 2011 Nationals.bem BU_Master Registration 2011 Nationals.bem							
My Documents	BU_DMO_List.bem BU_All Nationals Sprok-20-Cruiser Classes 2011.bem							
My Computer	BU_2011 Probikx Champbikx Round 2 Frankston.bem							
My Network	•					•		
My Recent	File <u>n</u> ame:	Event File.BEM			-	Save		
Documents	Save as type:	Event File (*.bem)			•	Cancel		

Select Back-up Pa	ath for Passing	Files			-	-	? X	
Save in:	🔋 Passing B	ackup	- 3	- 🔰   🖏	× 📸 🎟	<b>▼</b> Too <u>l</u> s	•	
Probikx - Champbikx	Name	Date modified	Туре	Size				
2011 Cairns	0000	TEST ONLY Round 5, Probikx Champbikx 2010 Tuggeranong_P00262.txt						
🔒 ВЕМ								
\mu 2K3.01								
퉬 2КЗ.02								
📃 Desktop								
My Documents								
My Computer								
My Network Places						_		
My Recent	File <u>n</u> ame:	Passing Files.TXT			•		<u>S</u> ave	
Documents	Save as type:	Passing Files (*.txt)			•		Cancel	

Options screen shown with the Back-up Paths selected.

EM Options						
Race Order Moto Shee	ts			<b>T</b> 1 10 <b>T</b>	_	Clo
Orientation		Score Board Sheets		Transponder and Camera Setting	35	JSON API Report Settings
Landscape     Orientation		Show Rider's Sponsor when available		JSON APT REPORT Setungs		
		O Landscape	Portrait	Show Rider's Entered Class when me	rged	Competition ID
Motos per p Numbers in () for 4	age lane gates			Show Rider's UCI identity when availa	able	
Landscape	Portrait			Show as	abic.	
9 (12)	0 8 (14)	Upload Key		UCI ID	UCI Code	Server IP
0 6* (15)	O 3 (5*)	Enter the Upload Ke		C Licence Number		
04	4*	Service Provider for results from RRD Au		0		Server Port
02	0	Teaura Ironi KKD Ad	ato Reports	Register riders as they are entered		Te
01	O 4 + UCI ID			Show Rider Comment in Registration		E.g. IP: localhost or 192.168.0.1
0-				Mute Sounds		E.g. IP: localhost or 192.168.0.1 Port: 8080
* Best for long names				Use UCI style Moto Numbering		
Default Printer				Show Group as	Name Format	Name Alignment
Select FX DocuPr	int M225 z on Ne 10:			O Club	O John Smith	Left
A6 Printer			O State      John SMI			O Center
Select Brother HL	-2040 series on Ne28:			<ul> <li>Country</li> </ul>	O JOHN SMITH	◯ Right
	2010 22123 01112201			For 2 Time Trials		
Receipt Printer				Best time from either run	O Don't Format	
Select EPSON TM	-T88V ReceiptE4 on Ne1	17:		O Total time of both runs	Logo Control	
Hater Carlina			Consultant.	Motos Run-off	O Default	
rinter Scaling	UCI Moto 1 La				User Defined	
▲ -1	Random		O Equal		O None	
Ľ	<ul> <li>Allocate</li> </ul>	from 8 to 1	Can't	Split on Countback	Embed Logo in	
Event File Back-up Path	1				[⊻] Embed Logo in	HTML reports
Select C:\BE	M\Backup Events\				Class Moto Sheets	
					Up to Final	
Passing Files Back-up P	ath				<ul> <li>Include extra</li> </ul>	
		Descione)			moto for class without final	
Select C: BE	M\Backup Events\Backup	p Passings \			without final	

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.

NOTE: settings for the SportsLists **Upload Key** and JSON API **Competition ID** can only be made once an event file is opened.

## Changes from 11.22.2 to 11.22.3

09-Jun-22

#### BEM

• Introduces a new Class Code PT-PART for the processing of the Pump Track Participation category where in a similar vein to the PART Class Code for BMX scrambled motos, riders are not scored with placings, only shown as Finish, DNF or DNS.

When the Qualification/Time Trial round(s) are drawn, categories with PT-PART will also draw a Final Run for all riders in the Finals round. I.e. no rider is eliminated from the Qualification stage.

## **RRD & SERIES**

Alignment with BEM changes for the new Class Code.

## Changes from 11.22.1 to 11.22.2

31-May-22

#### BEM

- For Pump Track events, change the stage name from Time Trial to Qualifying for alignment with the stage name in UCI Rule 4.6.008.
- Add new facility to send Json Start List and Result Reports to the JSON API for subsequent distribution to scoreboards and live stream graphics.
  - Interface settings and the event specific Competition ID added to the BEM Options screen together with a Test connection button.

ace Order Moto She	uate .						
Drientation	iels	Score Board Sheets			gs	Clos	
<ul> <li>Landscape</li> </ul>	O Portrait	Orientation		Show Rider's Sponsor when available	. /	JSON API Report Settings	
Motos per		O Landscape 💿		Show Rider's Entered Class when me	- 1	Competition ID	
Numbers in () for				Show Rider's UCI identity when avail	able		
Landscape (	Portrait	Upload Key		Show as	) UCI Code	Server IP	
○ 6* (15)	O 3 (5*)	Enter the Upload Key from the Service Provider for FTP upload of		O Licence Number	Joercoac	Joiner P	
04	• 4*	results from RRD Auto Re	oorts	Register riders as they are entered		Server Port	
02	O 4 + UCI ID			Show Rider Comment in Registration	· ∖		
01				Mute Sounds		E.g. IP: localhost or 192.168.0.10 Port: 8080	
Best for long name	s			Use UCI style Moto Numbering	· · · · ·	10000	
fault Printer				Show Group as	Name Format	Name Alignment	
Select FX Docul	Print M225 z on Ne 10:			⊖ Club	O John Smith	Left	
6 Printer				⊖ State	John SMITH	<ul> <li>Center</li> </ul>	
Select Brother	HL-2040 series on Ne28:			Ountry	O JOHN SMITH	○ Right	
ceipt Printer				For 2 Time Trials	O Don't Format		
	M-T88V ReceiptE4 on Ne1	7:		Best time from either run     Total time of both runs			
				O Total time of both runs	Logo Control		
inter Scaling	UCI Moto 1 Li	ane Draws	Scrambled Mot	tos Run-off	User Defined		
· -1	Random		O Equal on	Points	0		
- ·	<ul> <li>Allocate</li> </ul>	from 8 to 1	Can't Spli	t on Countback	O None		
event File Back-up Path					Embed Logo in F	(TML reports	
Select C:\B	EM\Backup Events\				Class Moto Sheets		
					Up to Final		
assing Files Back-up	Path				<ul> <li>Include extra moto for class</li> </ul>		
Select C: (BEM/Backup Events/Backup Passings \					moto for class without final		

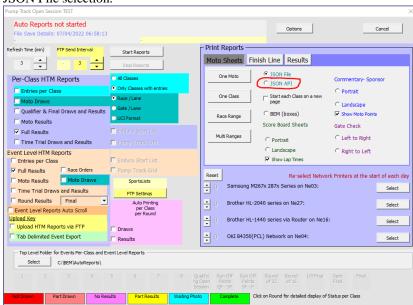
 JSON API Start List option added to the Moto Sheets group and JSON API selection added to the Report Type group in List Results on the Finals Menu.

nter Results					
Select Class	Select Round	Select Race			Exit
Cine Class Al Classes Al Classes Select Stage  Run Off (End Motos) Shootbut and ABA Transfer to Moto 2 Transfer to Moto 3 First Final - Al Classes Ti SuperFinal UJ2Final UJ2Final UJ4Final	On	e iheets rt List rt List	Result Sheels One Moto One Moto One Class Race Range Mult Ranges Races / page O 9 (undrace) O 9 (undrace) O 1 (pertilers) A6 Paper O Pending	Report Type  Preview  Copies  Clipboard  Clipboard  Collate  Cone Class  Profit  Moto Results  Cone Round  Fuil Results  Fuil Results  Trop 8	Auto Scroll Al Classes Al Classes Al Classes Al Classes Per Periol Order Class Order Start each Class on a new page Show Lap Times
○ Run Off (QF to SF) ○ Semi Final	Gate Check	ORZL	O Race Summary	Time Trial     Newspaper (J. Smith)     Newspaper (John Smith)	when available Show Start Reaction when available
Run Off (SF to Final)     Final	Excel Report File Create	O UCI Results (I		Lap Time and Split Time C Fastest 50 T C Fastest 50 R	

• Json report format updated to include the event specific Competition ID and for Pump Track, change Time Trial heading to Qualifying.

#### RRD

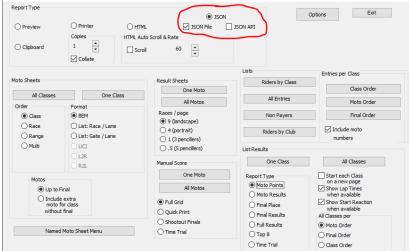
- Json report format changes for operator generated reports updated to the new format with the Competition ID while maintaining the existing format for SportsLists upload.
- Add new facility to send Json Start List and Result Reports to the JSON API from the Auto Reports Moto Sheets and Results tabs and from the Reports menu.
  - Note that the interface settings for the JSON API are only made in BEM and inherited by RRD. • Auto Reports – Moto Sheets tab, added JSON API option in addition to the existing
    - Auto Reports Moto Sheets tab, added JSON API option in addition to the existing JSON File selection.



• Auto Reports – Results tab, added JSON API option in addition to the existing JSON File selection.

Pump Track Open Session TEST	×
Auto Reports not started File Save Details: 07/04/2022 06:58:13	Options Cancel
Refresh Time (min) FTP Send Interval Start Reports	Print Reports Moto Sheets Finish Line Results
Per-Class HTM Reports     Al Cases       Entries per Class     Only Classes with entries       Moto Draws     Blace / Lane       Qualifier & Final Draws and Results     Old Format       Moto seruits     Old Format       Will Results     Enduro Start Hat.	One Class     Report Type       Al Classes     Moto Points       JSON File     JSON File       Al Classes per     One Round       C Final Piace     Start each Class on a new page       C Final Results     Start each Class on a new page
Time Trial Draws and Results     Pump Track Grid       Event Level HTM Reports     Enduro Start List       Entries per Class     Enduro Start List	Class Order C Top 8 Class Order C Time Trial Show Lap Times C Pump Track Grid
Full Results     Race Orders     Pump Track Grid     Moto Results     Moto Draws     SportsLists     Time Trial Draws and Results     FTP Settings	Reset         Re-select Network Printers at the start of each day           -         ()         Samsung M267x 287x Series on Ne03:         Select
Kound Results Final      Aub Pretting     Event Level Reports Auto Scrol     per Class     per Round     Upload HTM Reports via FTP     Draws	•         •
Tab Delimited Event Export Top Level Folder for Events Per-Class and Event Level Reports Select CrigEM/AutoReports\	OKI B4350(PCL) Network on Ne04:     Select
	Qualify Run Off Run Off Round Round 1/4 Final Semi Final g Open Points Points of 32. of 16 Final Session QF-V5F SF-VF Insta Cick on Round for detailed display of Status per Class

• Report Menu – added JSON File and JSON API options to the JSON report type.



## SERIES

Alignment with BEM changes.

## Changes from 11.21.0 to 11.22.1

## BEM

- Introduces a new feature to run Mountain Bike Cross Country Eliminator (XCE) format events in conformance with UCI MTB 2022 rules.
   Configured in BEM with a new Class Code of MTB-XCE and Score Code of XCE
- Adds a new option for Pump Track Open Session format events to limit the number of riders transferring from the Timed Stage to 16.
   Note that while this is not in conformance with UCI Pump Track Rules, the format has been requested for use at World Championship qualifier events.
   To avoid confusion with the current Pump Track Open Session Class Code, two new Class Codes have been introduced:

PT-OS-32	UCI compliant rules and identical function to the existing PT-OS Class Code.
PT-OS-16	"Red Bull" Open Session variant limiting transfer from the Timed Runs to 16 riders.

## RRD & SERIES

Alignment with BEM for the new Class Codes.

# Changes from 11.21.7 to 11.22.0

# BEM

- Update for compliance with UCI BMX 2022 rules.
- Update for compliance with AusCycling BMX 2022 rules.
- Introduces a new feature to run MTB Enduro events with BEM. Rule compliance is based on UCI Rules, Part 4 Mountain Bike Chapter V with flexibility to adapt to association specific requirements. Configured in BEM with new Class Code of MTB-ENDURO.
  - Design caters for a maximum of 15 timed stages per event.
  - Individual transponder settings used for each timed stage allowing for a mixture of gate / photocell and loop start.
  - Time penalties and reason for the penalty can be added per rider per stage.
  - New Enduro specific print, HTM and Json reports added.
- Added a new selection option of Licence Number to the existing display of rider's UCI ID or UCI Code in selected reports.
- Changes for the different data format delivered by Timing and Scoring for Gate Start Transponder numbers from the Smart and Desktop decoders.
   With this update, the Start Gate Transponder entered in BEM now uses the same format for both decoder types, i.e. 00-09991, 00-09992 or 00-09993
- Correct the import of lap times in Orbits results format where the decimal part of the time is other than 3 digits.
- Re-format Pump Track Open Session JSON start list reports for alignment with RRD.
- Make provision for race range JSON start lists.
- Correction to UCI DataRide results report for Pump Track events.
- Changed Pump Track stage labels Round 1 and Round 2 to the more meaningful **Round of 32** and **Round of 16**.
- Updated event database in preparation for the AusCycling Advanced Rider feature.

# RRD

- Add a new selection option of Licence Number to the existing display of rider's UCI ID or UCI Code in selected reports.
- Make provision for race range JSON start lists.
- Re-format Pump Track Open Session JSON start list reports to be in Time Trial start list format.
- Align Auto Reports JSON file names for Open Session start lists to a common format.
- Added a new report selection in Auto Reports in both Per-Class and Event Level reports for Enduro Start List reports.

Enduro TEST 1			×
Auto Reports not started File Save Details: 01/10/2021 11:28:03		Options Cancel	
Refresh Time (min) FTP Send Interval	Start Reports	Print Reports Moto Sheets Finish Line Results	
Per-Class HTM Reports  Fentries per Class  Moto Draws  Qualifier & Final Draws and Results  Full Results  Full Results  Event Level HTM Reports Event Level HTM Reports  Entries per Class	Stortebors  All Classes  Only Classes with entries  Only Classes with entries  Gate / Lane  UCL Format  Fundur o Start List  Fump Track Grid  Funduro Start List  Funduro Start List  Funduro Start List  Classes  Classes Classes  Classes  Classes  Classes  Classes	One Moto     C JSON File     Commentary- Sponsor       One Class        Start each Class on a new page        C Portrait        One Class        C BEM (boxes)        C Landscape        Race Range        Score Board Sheets        Gate Check        Mult Ranges        C Portrait       C Landscape        C Landscape        I Show Nato Primes        Right to Left	
Full Results Race Orders Moto Results Moto Results Round Results Round Results Final Vibrat	Pump Track Grid SportsLists FTP Settings Auto Printing per Round Draws Results ent Level Reports	Reset       Re-select Network Printers at the start of each data	<b>iy</b>
Select D:\BEM\Auto Reports\ Stage1 Stage2 Stage3 Stage4 Stage4 Not Drawn No Ret			

- Correction to the operator generated Enduro Start List reports to match the Time Trial Start List format.
- 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.
- Auto report file names for single stage Pump Track results change from Stage Round 1, Stage Round 2 to Stage Round of 32, Stage Round of 16.
- Corrected a bug with operator generated round reports for Pump Track Open Session results where the wrong format report was being generated.
- Update for compatibility with MTB Enduro changes in BEM.
- Update Json report files used for SportsLists for Enduro.
- Removes unexpected and unwanted operator warning for a class with 0 entries when Event Level Time Trial Draws and Results is selected.

# **SERIES**

- Add a new selection option of Licence Number to the existing display of rider's UCI ID or UCI Code in selected reports.
- Alignment with BEM feature changes.

# **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 2003, 2007 or Office 2010.

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.
  - Buy and install a legitimate version of Office 2010 from eBay or from a download retailer such as <u>https://www.ecrater.com.au/p/30522352/microsoft-office-2010-pro-plus-32-64-</u> <u>bit?gps=1&id=115926669379&keywords=&gclid=CjwKCAjwm4rqBRBUEiwAwaWjjK60coZew</u> <u>2EOxi9W\_eodOHFfGc8FKc4vya1IbS3VT41eix1YEFxqnBoCRJgQAvD\_BwE</u> or <u>https://theunitysoft.com/product/office2010proplus/?gclid=EAIaIQobChMI07\_I7NXN4AIVGK6</u> WCh2pWwWhEAYYBCABEgJcpvD\_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 2010 is a 32bit installation

#### BEM

"C:\Program Files (x86)\Microsoft Office\Office14\EXCEL.EXE" "C:\BEM\Programs\Event\3.11.x\Bem2K3.xls" **RRD** 

"C:\Program Files (x86)\Microsoft Office\Office14\EXCEL.EXE" "C:\BEM\Programs\Report\3.11.x\Rrd2K3.xls" Series

"C:\Program Files (x86)\Microsoft Office\Office14\EXCEL.EXE" "C:\BEM\Programs\Event\3.11.x\Series2K3.xls" Toolbox

"C:\Program Files (x86)\Microsoft Office\Office14\EXCEL.EXE" "C:\BEM\Programs\Toolbox\BEM\_Toolbox3.xls"

#### BemTrain

 $"C:\Program Files (x86)\Microsoft Office\Office14\EXCEL.EXE" "C:\BEM\Programs\BemTrain\BemTrain.xls" "C:\BEM\Programs\BemTrain\BemTrain\BemTrain\Alpha "C:\BEM\Programs\BemTrain\BemTrain\BemTrain\Alpha "C:\BEM\Programs\BemTrain\BemTrain\BemTrain\Alpha "C:\BEM\Programs\BemTrain\Bem$ 

Typical Shortcut Target when Office 2010 is a 64bit installation

#### BEM

"C:\Program Files\Microsoft Office\Office14\EXCEL.EXE" "C:\BEM\Programs\Event\3.11.x\Bem2K3.xls" RRD

"C:\Program Files\Microsoft Office\Office14\EXCEL.EXE" "C:\BEM\Programs\Report\3.11.x\Rrd2K3.xls" Series

"C:\Program Files\Microsoft Office\Office14\EXCEL.EXE" "C:\BEM\Programs\Event\3.11.x\Series2K3.xls"

#### Toolbox

 $"C:\Program Files\Microsoft Office\Office\14\EXCEL.EXE" "C:\BEM\Programs\Toolbox\BEM\_Toolbox\3.xls"$ 

#### BemTrain

"C:\Program Files\Microsoft Office\Office14\EXCEL.EXE" "C:\BEM\Programs\BemTrain\BemTrain.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

Microsoft Office Trusted Location
Warning: This location will be treated as a trusted source for opening files. If you change or add a location, make sure that the new location is secure. Path:
C:\BEM\
Browse
Subfolders of this location are also trusted
Description:
Date and Time Created: 02/07/2012 5:38 PM
OK Cancel

2.1.6. . • Click on OK to close each of the dialogs until back in Excel which now can be closed.