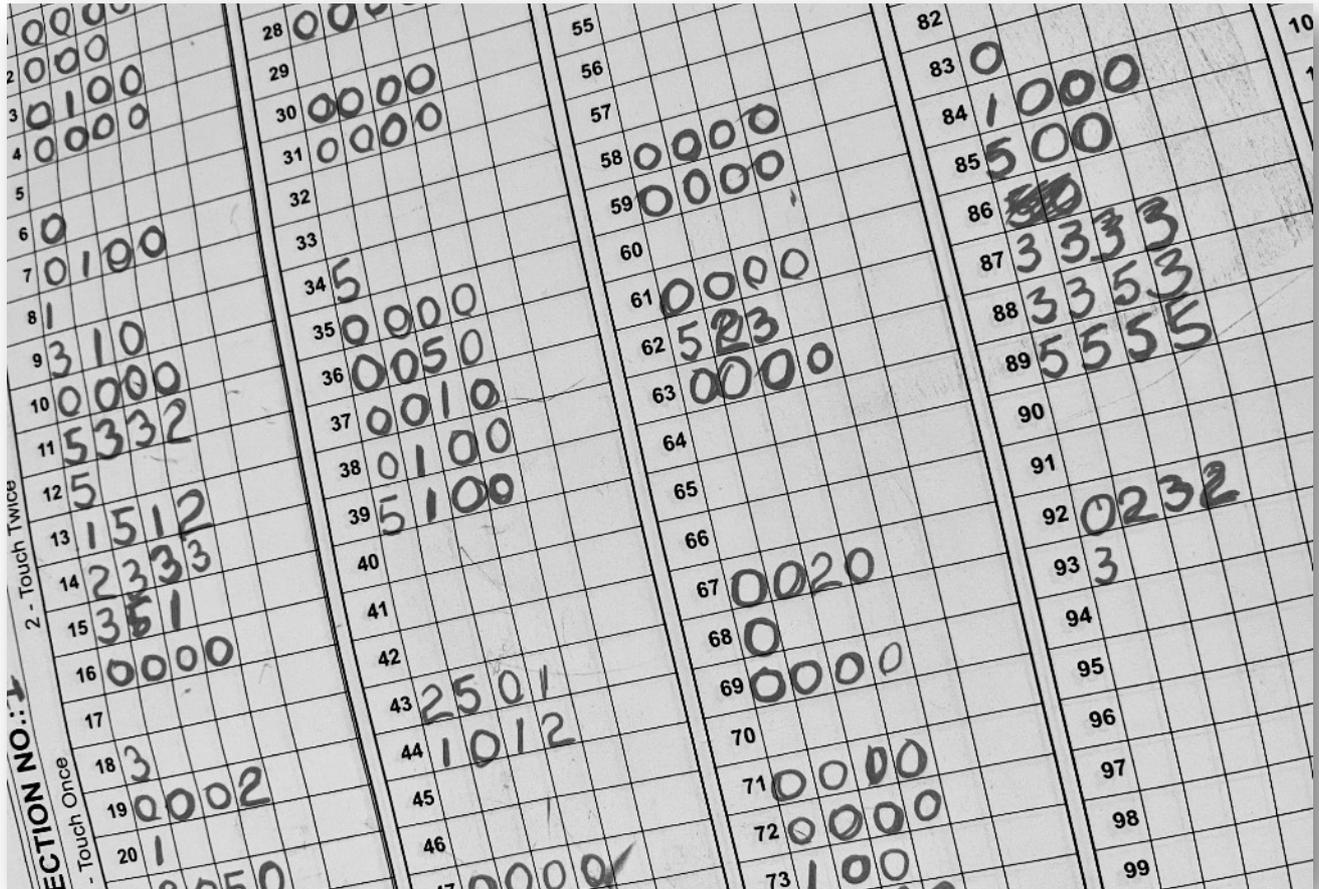


TRIALMONSTER SUITE

USER

MANUAL

Alex Sykes



ABOUT..

TrialMonster is a suite of web and smartphone apps developed over a number of years with the intention of providing a simple, user-friendly means of entering, processing and displaying scores and results for observed motorcycle trials.

Having developed a semi-automated system using Microsoft Excel, its limitations quickly became apparent. As a result of this, the decision was taken in 2017 to attempt to develop a simple online system using the Open Source Joomla framework. Since that time, both the system and the framework have developed and been extended to include a number of additional features including results and scoring apps for both Apple and Android smartphones.

FEATURES

trialmonster.uk - this website was the initial development and lies at the heart of the system. It allows trial details and scores to be entered using a standard home computer and keyboard with an internet connection. Result calculation and publication is completed at the push of a button. Following publication, amendments can be easily be made - to take care of errors, changes of class etc - simply and quickly with the results pages updating automatically.

TrialMonster - the app - is available for both Android and iOS smartphones and currently features both results and future trials listings. The results view shows an abbreviated listing for each class. Riders' individual section scores can be viewed by touching the rider's list item. Details of future trials are provided in a separate listing with a link to the smartphone's Maps app for navigation.

ScoreMonster - a separate app for both Android and iOS is intended as a replacement for traditional observer scorecards and can record section scores entered by an observer. Once stored, these scores can be uploaded to the *trialmonster.uk* system or emailed to any email address.

ABOUT THE DEVELOPER

Alex Sykes is a retired former Head of Computer Sciences at the British International School of Jeddah. In this role, he was responsible for managing and teaching in a large teaching department providing both ICT and Computer Science classes for 12 to 18 year olds. In this role, the importance of considering the needs of the user was always the main factor in any successful development. In retirement, Alex took up the sport of motorcycle trials and still regularly wobbles his way around Easy courses.

TRIALMONSTER.UK - THE WEBSITE

Initially, the website was intended to provide a simple, user-friendly system for entering trial details and scores with automatic results calculation, publishing and display. Currently, additional features have been added allowing display of future trial listings and details, production of ACU-compliant regulations and an event entry system. Future development planned include event payments.

PUBLIC VIEWS

TrialMonster

[Get the App](#)
[Results](#)
[Coming up](#)
[Login](#)
[TrialMonster Help](#)

Date	Trial	Venue	View Results
Nov 20	Rochdale MCC :: Pennine Trial	Cowm Leisure	👁
Sep 18	Darwen Trials Club :: Ann Isherwood Memorial Trial	Lee Dell	👁
Jul 15	Darwen Trials Club :: Wednesday evening series -3	Fisherman's Retreat	👁
Jun 22	Darwen Trials Club :: Wednesday evening series - 2	Lee Dell	👁
Jun 12	Rochdale MCC :: Julian Bentley Trial	South Hollingworth Farm	
Apr 30	Darwen Trials Club :: Novice Beginner Series - Event 2	Cowm Leisure	👁
Apr 20	Darwen Trials Club :: Wednesday evening series - 1	Crowthorn Delf	👁
Mar 20	Rochdale MCC :: The Sid Humphries Trial	Lee Quarry	👁
Mar 13	Darwen Trials Club :: Club Champs 1	Calderhead Farm, Cliviger	👁
Jan 23	Rochdale MCC :: Harry Robinson Trial	Cowm Leisure	👁
Jan 2	Darwen Trials Club :: Brian Walmsley Memorial	Warmden Quarry, Accrington	👁
Dec 26	Darwen Trials Club :: Boxing Day Trial	Cowm Leisure	👁
Nov 21	Rochdale MCC :: Pennine Trial	Lee Quarry	👁
Oct 31	Darwen Trials :: Club Championship Trial	Calderhead Farm, Cliviger	👁
Sep 19	Darwen Trials :: Ann Isherwood Trial	Lee Dell	👁
Aug 11	Darwen Trials :: Wednesday Evening 2	Cowm Leisure	👁

Main page - Listing of past trials

TrialMonster

[Get the App](#)
[Results](#)
[Coming up](#)
[Login](#)
[TrialMonster Help](#)

Pennine Trial

Date: Nov 20, 2022
Club: Rochdale MCC
Location: Cowm Leisure
Permit: ACU64480
Courses: Expert, Intermediate, Novice, Beginner
Classes: Adult, Youth, Over 50, Twinshock

[Download these results as a CSV file](#)

[Results](#)
[Results by Class](#)
[Scores](#)

Expert

	Rider	Class	Machine	Total	Clean	One	Two	Three	Five	Missed
1	19 George Morton		Birkett Scorpa 300	4	37	2	1	0	0	0
2	16 Jack Spencer		Beta-uk.com 300	8	35	3	1	1	0	0
3	15 Stephen Cornthwaite		AB Tyres 300	34	21	10	5	3	1	0
4	13 Andrew Cripps		Beta 300	51	18	9	3	7	3	0
5	14 Charlie Cripps			51	12	14	7	6	1	0
6	87 Isaac Shuttleworth	Youth	Beta 125	91	2	10	3	25	0	0
7	11 Shaun Hazelwood		TRS 300	107	4	8	3	16	9	0
8	88 Harry Cripps	Youth	beta 125	126	4	4	2	16	14	0
9	89 Harry Bayman	Youth	Trs 125	152	0	2	0	20	18	0
DNF	22 David Heys				3	0	2	6	11	18
DNF	12 Jamie Jackson		Gas Gas 300		1	0	1	0	4	34

Intermediate

	Rider	Class	Machine	Total	Clean	One	Two	Three	Five	Missed
1	38 Ryan Crowder		Gasgas 250	40	25	3	3	7	2	0
2	25 Ben Butler		VERTIGO 300	45	21	8	2	6	3	0
3	31 John Holdsworth		Sherco 250	54	20	5	6	4	5	0

Results page

TrialMonster

[Get the App](#)
[Results](#)
[Coming up](#)
[Logout](#)
[TrialMonster Help](#)

Date	Trial	Venue	Show Details
Dec 4	Darwen Trials :: Christmas Trial	Warmden Quarry, Accrington	👁
May 31	Darwen Trials Club :: Test Event	Fisherman's Retreat	👁

Future trial listings

Darwen Trials - Affiliated to Cheshire & North Wales Centre ACU
Supplementary Regulations for Christmas Trial

PERMIT No.: ACU64570

DATE No.: 4th December, 2022

VENUE: Warmden Quarry, Kings Highway, Accrington

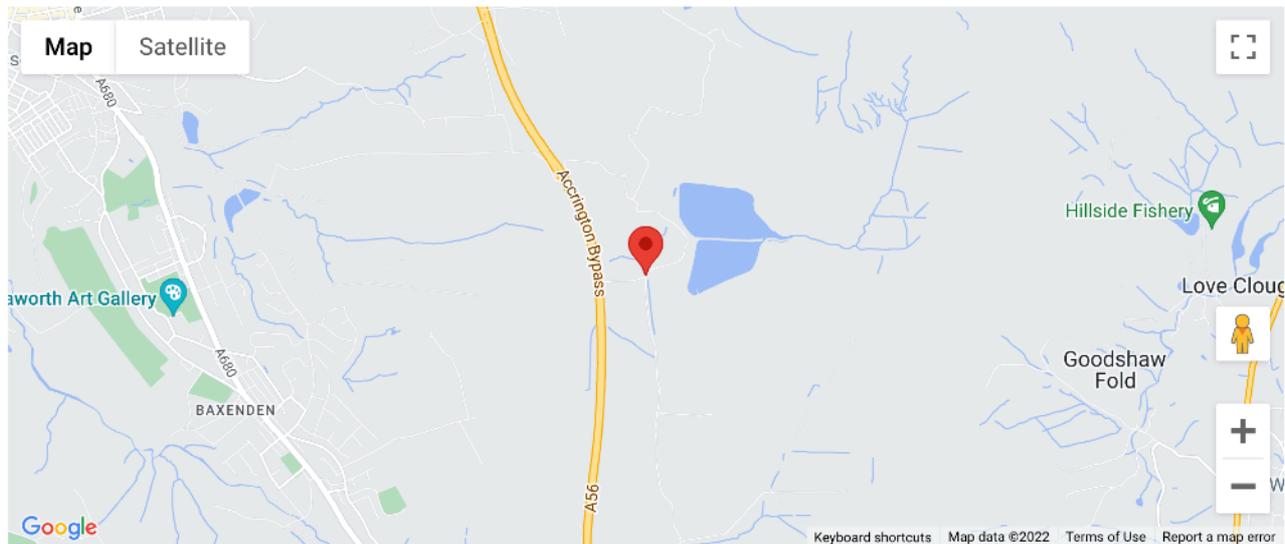
ANNOUNCEMENT: Darwen Trials will organise a Closed to Club Trial for solo motorcycles, held under the National Sporting Code, Standing Regulations of the ACU, the North Western Centre Rules current at the time, the following Supplementary Regulations and any Final Instructions issued for the meeting. In addition the event will follow the guidelines contained within the current Covid 19 Trials Risk Assessment. Please take the time to carefully read any specific Safety Procedures produced by Darwen Trials which form part of the Supplementary Regulations. There will also be a Riders Briefing which all riders must attend ten minutes before the official start time.

ELIGIBILITY: This trial will be restricted to members of Darwen Trials only. All riders and passengers must hold a current ACU/SACU Trials Registration Card or ACU/SACU Competition Licence. Any rider or passenger from another FMN must produce a licence issued by their FMN, together with start permission and proof of personal accident insurance.

ENTRIES: Online entry. No entry on the day will available at the event.

MACHINES: Motorcycles as per NSC Appendix D Category 1, Group A1 Solos and TSR 8.

START / VENUE: at Warmden Quarry, Kings Highway, Accrington - BB5 2DL



DIRECTIONS: From the M65 Leave the M65 at Junction 8 (signposted Bury, Manchester A56), take the exit for the A56 and travel towards Haslingden for approximately 2 miles. Leave this road when you see a sign for Mitchell's House WTW. Park through the gate. From Haslingden Follow the A56 towards the M65 motorway. After passing the roundabout at Rising Bridge, you will pass Warmden Quarry to your right as you drop down towards the M65. Keep on the A56 until you come to a roundabout at Huncoat. Leave the A56 here then follow the signs to rejoin it in the opposite direction. As you climb the hill you will see a sign

Future trial detail

DATA ENTRY VIEWS

Date	Trial	Venue	View Results	Score Entry	Rider Entry
Nov 20	Rochdale MCC :: Pennine Trial	Cowm Leisure			
Sep 18	Darwen Trials Club :: Ann Isherwood Memorial Trial	Lee Dell			
Jul 15	Darwen Trials Club :: Wednesday evening series -3	Fisherman's Retreat			
Jun 22	Darwen Trials Club :: Wednesday evening series - 2	Lee Dell			
Jun 12	Rochdale MCC :: Julian Bentley Trial	South Hollingworth Farm			

Logged-in users with an Editor account will see additional icons indicating the trial's status. Clicking on an eye icon will take the user to a data entry page. Unsurprisingly, a padlock icon indicates that the data entry for that trial is locked.

SECTION SCORE ENTRY

Score Edit - Section 1

1	<input type="text" value="000"/>	26	<input type="text"/>	51	<input type="text"/>	76	<input type="text"/>	101	<input type="text"/>
2	<input type="text" value="000"/>	27	<input type="text"/>	52	<input type="text"/>	77	<input type="text"/>	102	<input type="text"/>
3	<input type="text" value="010"/>	28	<input type="text"/>	53	<input type="text"/>	78	<input type="text"/>	103	<input type="text"/>
4	<input type="text" value="000"/>	29	<input type="text"/>	54	<input type="text"/>	79	<input type="text"/>	104	<input type="text"/>
5	<input type="text"/>	30	<input type="text"/>	55	<input type="text"/>	80	<input type="text"/>	105	<input type="text"/>
6	<input type="text" value="0"/>	31	<input type="text"/>	56	<input type="text"/>	81	<input type="text"/>	106	<input type="text"/>
7	<input type="text" value="010"/>	32	<input type="text"/>	57	<input type="text"/>	82	<input type="text"/>	107	<input type="text"/>
8	<input type="text"/>	33	<input type="text"/>	58	<input type="text"/>	83	<input type="text"/>	108	<input type="text"/>
9	<input type="text" value="310"/>	34	<input type="text"/>	59	<input type="text"/>	84	<input type="text"/>	109	<input type="text"/>
10	<input type="text" value=" "/>	35	<input type="text"/>	60	<input type="text"/>	85	<input type="text"/>	110	<input type="text"/>
11	<input type="text"/>	36	<input type="text"/>	61	<input type="text"/>	86	<input type="text"/>	111	<input type="text"/>

This view presents the user with a score grid with the same format as the observer score sheet. A number of different formats are available - in this case, a standard layout with five columns of 25 rows.

Data entry is best accomplished using an extended keyboard with a number pad and, with practice, scores can be entered quickly and easily.

- ◆ Scores are entered exactly as on the score card then clicking to Tab key to move to the next input box.
- ◆ Where no score is shown for a riding number, simply tab to the next box.
- ◆ if the scoresheet indicates missing scores, only enter the scores which are shown - hitting the Save button will complete missing scores with an 'x'.
- ◆ If a section is omitted for one group of riders, enter a lower case 'o' as the score.

Sections scores are saved by clicking on the Save button which returns the user to the Section score grid view.

RESULT PUBLISHING

Although individual results can be amended later, publishing locks the scoring grid so this is a once-only operation and it is worthwhile to check for obvious data entry errors and omissions.

74									
75	0000	1310	2001	0001	0010	0500	0003	1011	
76	0000	1200	1100	5555	2000	2100	1211	3000	3132
77	1101	2000	2010	3333	0000	0000	0110	0000	0000
78	11xx	10xx	10xx	53xx	12xx	31xx	13xx	550x	5xxx
79									
80	0003	5000	0501	3300	0000	2100	2101	2210	3131
81	0001	3100	0001	3231	5000	0110	0101	101x	2000
82	0001	5011	0010	3332	0000	0000	0100	0000	0032
83	3000	110x	0000	3203	0000	1000	1100	3005	2311
84	0010	5001	1210	3033	2000	1110	2113	3300	2012
85	2013	1230	0131	3533	1155	2101	2311	2535	0111
86	5320	5551	5000	3033	5000	3005	22xx	0xxx	1213
87									
88									

Score grid - What happened to rider 75's score on section 9?

If any scores are missing or obviously incorrect, clicking on the relevant section number above the table will reopen the scoresheet and allow changes to be made.

When all section scores have been entered and checked, the trial result can be published by clicking the Publish button. There may be a slight delay while a great amount of data processed but then the Result page will appear.

RESULT EDITING

Christmas Trial

Date: Dec 4, 2022
Club: Darwen Trials
Location: Warmden Quarry, Accrington
Permit: ACU64570
Courses: Expert, Intermediate, Novice, 50/50, Easy
Classes: Adult, Youth

[Download these results as a CSV file](#)

Results [Results by Class](#) [Scores](#)

Expert

	Rider	Class	Machine	Total	Clean	One	Two	Three	Five	Missed	
1	94 Charlie Cripps		Evo 250	10	29	4	3	0	0	0	Edit
2	95 Andrew Cripps		evo 300	15	27	7	0	1	1	0	Edit
3	99 Ben Butterworth		GP 300	15	26	8	1	0	1	0	Edit
4	100 Philip Hancock		Vertigo 300	43	18	6	7	1	4	0	Edit
5	98 Ryan Crowder			43	15	11	2	6	2	0	Edit
6	93 Harry Cripps	Youth	evo 125	45	11	12	6	7	0	0	Edit

Once results have been entered, it is still possible to make changes by clicking on the Edit link and making changes in the Edit Result screen.

Details for rider 94

[Go Back](#) [Save](#)

ACU: 158558 Riding number: 94

First name: Charlie Last name: Cripps

Course: Expert Class: Adult

Bike: Evo Capacity: 250

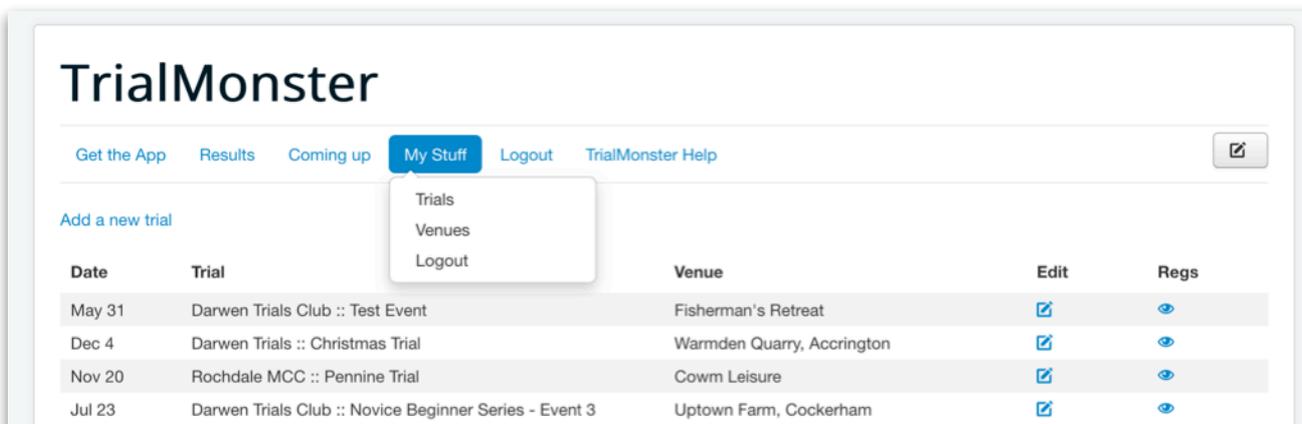
Section scores

1	0000
2	2000
3	0000
4	1000
5	0000
6	0000
7	1002
8	0000
9	1201

Hitting the Save button updates the result and returns you to the Result page.

ADMINISTRATOR VIEWS

MY TRIALS



The screenshot shows the 'TrialMonster' interface. At the top, there is a navigation bar with links: 'Get the App', 'Results', 'Coming up', 'My Stuff' (highlighted), 'Logout', and 'TrialMonster Help'. Below the navigation bar, there is a link 'Add a new trial'. A dropdown menu is open under 'My Stuff', showing options: 'Trials', 'Venues', and 'Logout'. Below the dropdown, there is a table of trials.

Date	Trial	Venue	Edit	Regs
May 31	Darwen Trials Club :: Test Event	Fisherman's Retreat		
Dec 4	Darwen Trials :: Christmas Trial	Warmden Quarry, Accrington		
Nov 20	Rochdale MCC :: Pennine Trial	Cowm Leisure		
Jul 23	Darwen Trials Club :: Novice Beginner Series - Event 3	Uptown Farm, Cockerham		

From the main page, click on the My Stuff menu / Trials. Previously added trials are listed and can be edited from here. ACU-compliant Supplementary Regulations can also be seen, copied and pasted into a Word document by clicking on the appropriate eye symbol.

ADD A NEW TRIAL

The New Trial screen displays a collection of different views where you can add the details of your event. A box with an asterisk (*) indicates where some response is required. Everything can be edited later so, if you are unsure, enter some data such as 'TBA' so that your event can be saved.

The initial screen stores the basic details of the trial. A list of venues has links to full details of previously used venues which can be selected. There is also a box to add a new venue if it is not listed. See *Add a New Venue* to store these detail for future use.

In the Trial tab, select the course and classes for your trial. If your trial has a time element, click the Has time penalty checkbox and fill the details.

Details Trial **Entries** Scoring Regulations

Adult entry fee (no £ signs)

Youth entry fee (no £ signs)

How to enter Enter on day
 Trialmonster
 Online

Online entry link

Limited entry

Entry limit

Entry selection **Order of Receipt** Ballot Invitation Other

Has closing date for entries

Closing date

The Entries tab stores the data as shown above. Checkboxes for Online entry, Limited Entry and Closing dates show data entry boxes for the appropriate data when checked.

Save Save & Close Save & New Cancel

Details Trial Entries **Scoring** Regulations

Scoring mode **Observer** Punch Cards Rider Scoring Electronic

Number of sections

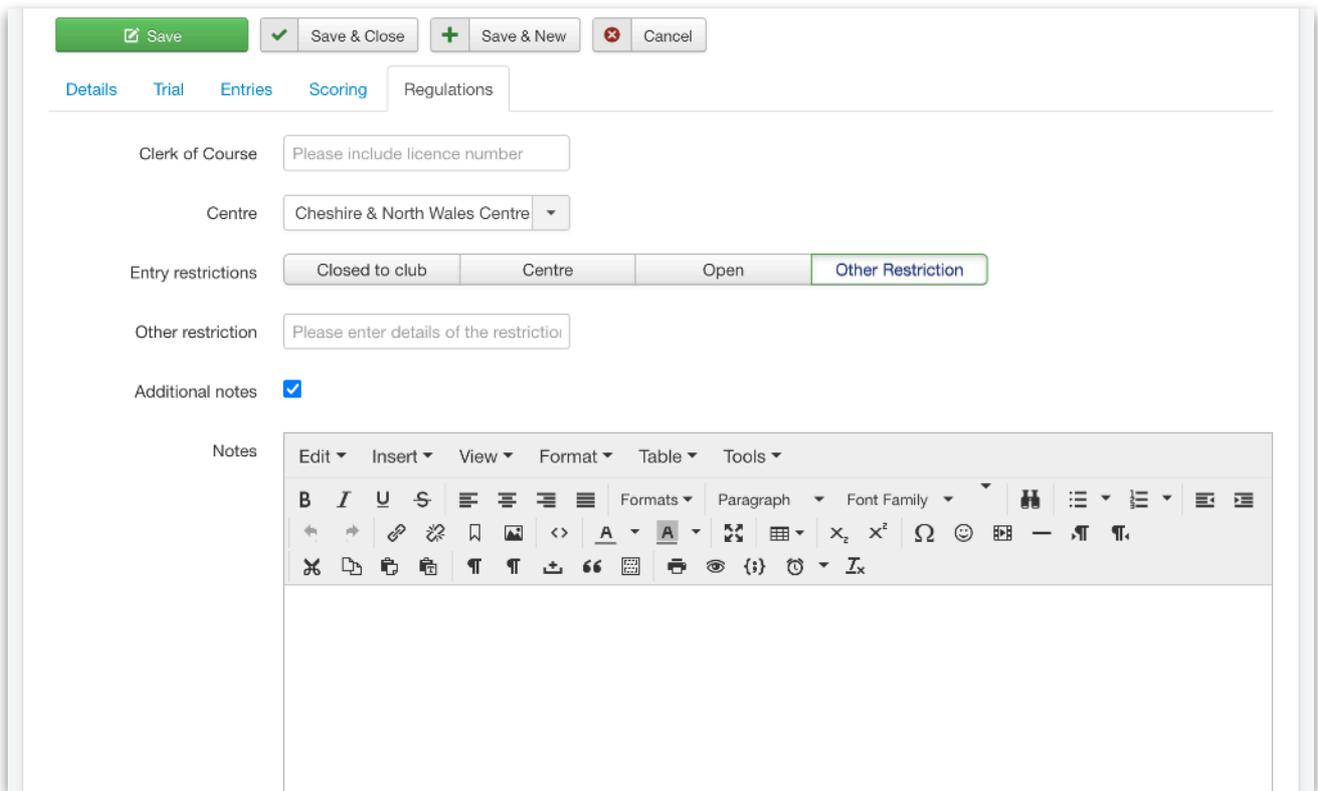
Number of laps

Select an option **Stop permitted** Non-stop

Number of columns in scoresheet

Number of rows in scoresheet

The Scoring tab - only the Stop permitted / Non-stop selection is used for Regs - the other selections can be made following the trial.



Finally, the Regulations tab stores details required for the Supplementary Regulations and has a text editor for additional notes.

Hitting the Save button at any stage saves the details so that they can be edited later.

COMING UP...

Once saved, full detail can be seen publicly on the Coming up... page

DATE No.: 31st May, 2023

VENUE: Fishermans Retreat, Ramsbottom

ANNOUNCEMENT: Darwen Trials Club will organise an Open Trial for solo motorcycles, held under the National Sporting Code, Standing Regulations of the ACU, the North Western Centre Rules current at the time, the following Supplementary Regulations and any Final Instructions issued for the meeting. In addition the event will follow the guidelines contained within the current Covid 19 Trials Risk Assessment.

Please take the time to carefully read any specific Safety Procedures produced by Darwen Trials Club which form part of the Supplementary Regulations. There will also be a Riders Briefing which all riders must attend ten minutes before the official start time.

ELIGIBILITY: This trial will be an Open trial. All riders and passengers must hold a current ACU/SACU Trials Registration Card or ACU/SACU Competition Licence. Any rider or passenger from another FMN must produce a licence issued by their FMN, together with start permission and proof of personal accident insurance.

ENTRIES: Entry will be available through this website - see link below. . Entry will be available at the event.

ENTRY LIMIT: This event has a limited entry of 60 entries. In the event of the limit being exceeded, entries will be selected in order of receipt of entries. Entrants will be informed by email once their entry is confirmed.

MACHINES: Motorcycles as per NSC Appendix D Category 1, Group A1 Solos and TSR 8.

START / VENUE: at Fishermans Retreat, Ramsbottom - BL0 0HH



DIRECTIONS: No practising on this land without the landowner's permission.

OFFICIALS:

Clerk of the Course: Alex Sykes (ACU 180649)

Secretary of the Meeting: (To whom all correspondence regarding this event shall be addressed): Alex Sykes – alex@alexsykes.net

Point of Contact for Child Protection Matters: Secretary of the Meeting.

ENTRY FEES: Adult - 20, Under 16 – 15 Entries through the ACU online system only. One-Day Licences may be obtained through the online system. Withdrawal of an entry may incur a £3 charge by the ACU.

RESULTS: Will be published on the trialmonster.uk website

COURSE: Will comprise one or more laps of a course all on private land. No practising on this land before or after the event. The number of laps and sections will be announced at a riders' briefing immediately before the event start.

COURSES: Expert, Intermediate, Novice, Easy

CLASSES: Adult, Youth

SUPPLEMENTARY REGULATIONS

Supplementary Regulations can be seen My Trials page and copied and pasted into a document for approval.

Get the App
Results
Coming up
My Stuff
Logout
TrialMonster Help

Darwen - Affiliated to North Western Centre ACU
Supplementary Regulations for Club Champs 2

PERMIT No.: TBC

DATE No.: 21st August, 2022

VENUE: Back Cowm Quarry, Whitworth

ANNOUNCEMENT: Darwen will organise a Closed to Club Trial for solo motorcycles, held under the National Sporting Code, Standing Regulations of the ACU, the North Western Centre Rules current at the time, the following Supplementary Regulations and any Final Instructions issued for the meeting. In addition the event will follow the guidelines contained within the current Covid 19 Trials Risk Assessment. Please take the time to carefully read any specific Safety Procedures produced by Darwen which form part of the Supplementary Regulations. There will also be a Riders Briefing which all riders must attend ten minutes before the official start time.

ELIGIBILITY: This trial will be restricted to members of Darwen only. All riders and passengers must hold a current ACU/SACU Trials Registration Card or ACU/SACU Competition Licence. Any rider or passenger from another FMN must produce a licence issued by their FMN, together with start permission and proof of personal accident insurance.

ENTRIES: Online entry - [click here](#). No entry on the day will available at the event.

ENTRY LIMIT: This event has a limited entry of 60 entries. In the event of the limit being exceeded, entries will be selected in order of receipt of entries. Entrants will be informed by email once their entry is confirmed.

MACHINES: Motorcycles as per NSC Appendix D Category 1, Group A1 Solos and TSR 8.

START / VENUE: 11:00 at Back Cowm Quarry, Whitworth - OL12 8BE

DIRECTIONS:

Follow the A671 into the centre of Whitworth. Leave the A671 at Tong Lane – close to a pedestrian crossing. This will soon become Tong End, then Back Cowm Lane. Cowm Leisure is approximately one mile along here.

OFFICIALS:

Clerk of the Course: Alex Sykes
Secretary of the Meeting: (To whom all correspondence regarding this event shall be addressed): 07548819944 – millychambers14@outlook.com
Point of Contact for Child Protection Matters: Secretary of the Meeting.

ENTRY FEES: Adult - £20, Under 16 – £15 Entries through the ACU online system only. One-Day Licences may be obtained through the online system. Withdrawal of an entry may incur a £3 charge by the ACU.

RESULTS: Will be published on the trialmonster.uk website

COURSE: Will comprise one or more laps of a course all on private land. No practising on this land before or after the event. The number of laps and sections will be announced at a riders' briefing immediately before the event start.

COURSES: Expert, Intermediate, Novice, 50/50, Beginner

CLASSES: Adult, Youth

METHOD OF MARKING & TIES: As per TSR22 Stop Permitted

PROTESTS: Protests by email only as per National Sporting Code of the ACU, section 10.04

OBSERVING -PLEASE NOTE: As as club we have decided to try something new to solve the constant problem of a lack of observers. We will always try and cover each section with volunteers, but more often that not, even with entries of 60 riders and more we struggle.

We will randomly select riders from the entry to observe. It is likely that we should only need around 3 sections covered by entrants. Each rider selected can opt to observe, bring an observer or choose not to ride (hopefully nobody will do that). If you are selected, your entry fee will be refunded in full + £20 for observing (which is paid to all observers)

MY VENUES

Get the App Results Coming up **My Stuff** Logout TrialMonster Help

[Add a new venue](#)

Name	Address	Postcode	Centre	
Atkinsons Dairy Farm	High Whittaker Farm, Barrowford Road, Padiham	BB12 9AF	North Western Centre	✎
Calderhead Farm, Cliviger	Calder Head Farm, Burnley Road, Cliviger	BB10 4SY	North Western Centre	✎
Cowm Leisure	Back Cowm Quarry, Whitworth	OL12 8BE	North Western Centre	✎
Crowthorn Delf	Crowthorn Road, Edgworth	BL7 0JS	North Western Centre	✎
Feniscowles	Shaw Farm, Stackclough Lane, Feniscowles	BB2 5RJ	North Western Centre	✎
Fisherman's Retreat	Fishermans Retreat, Ramsbottom	BL0 0HH	North Western Centre	✎
Inch Perfect Trials	New Hey Farm, Whitewell, Dunsop Bridge, Lancs	BB7 3AU	North Western Centre	✎

From the main page, click on the My Stuff menu / Venues. Previously added venues are listed and can be edited from here.

ADD A NEW VENUE

The New Venue screen displays a form where you can add the details of the venue. A box with an asterisk (*) indicates where some response is required. Everything can be edited later so, if you are unsure, enter some data such as 'TBA' so that your event can be saved.

The screenshot shows a web form for adding a new venue. At the top, there is a navigation bar with five buttons: 'Save' (green), 'Save & Close', 'Save & New', 'Save as Copy', and 'Close'. Below this is a 'Details' section with the following fields:

- Centre: North Western Centre (dropdown menu)
- Name *: Lee Dell (text input)
- Address *: Ashworth Road, Rochdale (text input)
- Postcode *: OL11 5UN (text input)
- Landowner *: Dennis Dale (text input)
- Contact details *: (empty text input)

Below the 'Details' section is a 'Directions' section. It features a rich text editor with a toolbar containing various icons for text formatting (bold, italic, underline, strikethrough), alignment, lists, links, images, and tables. The text area contains the following directions:

From the south. Leave the M66 at Junction 2. At the roundabout take the fifth exit onto Bury New Road - A58 - towards Heywood. Leave the A58 at the roundabout after Morrisons in Heywood, taking Bamford Road. After one mile, turn left into Bury and Rochdale Old Road, then right into Ashworth Road. Follow this road for around two miles to the venue. From Edenfield. Follow the A680 south from Edenfield for four miles until you pass Ashworth Moor Reservoir to your right. Take Ashworth Road at the end of the reservoir. The venue will be to your left after around a mile.

Complete as much detail as you know - add a 'TBA' where details are not known. For your riders, the most important detail is the Directions and, if know them. there is a box for latitude and longitude.

Existing venues from the list can also be updated as necessary.