



SPORTING TRIALS CHAMPIONSHIP 2020



**Roland Uglow and Laura Wilks (Crossle)
2018 BTRDA® Gold Star Champions**

Photo courtesy of Calvin Samuel

2020 BTRDA® SPORTING TRIALS CHAMPIONSHIP

Sporting Regulations General:

1.1 Title and Jurisdiction

The Championship is organised and administered by the BTRDA® Ltd., in accordance with the General Championship Prescriptions of the Motorsports UK and these Championship Regulations. The Championship is subject to the General BTRDA® Championship Rules.

1.2 Officials

1.2.1 Championship Scorer: Andrew Woodhead, Green Holme, Melmerby, Cumbria, CA101HB

1.2.2 Eligibility Scrutineer: Richard Robarts,

1.2.3 Championship Stewards: See BTRDA® General Championship Rules.

1.3 Competitor Eligibility

1.3.1 Drivers must be registered in the Championship and be in possession of a valid Motorsports UK Competition License, minimum RS Clubman. Passenger must also hold minimum RS Clubman Licence.

1.4 Registration

1.4.1 Registration is by completing the form attached to these regulations which must be sent, with the appropriate membership and championship registration fees to Mr Paul Price, 12 Thirlmere Close, Tettenhall, Wolverhampton, WV6 9DG or completing online at www.btrdamembership.com

1.4.2 The Championship registration does not guarantee an entry to qualifying events and the BTRDA® cannot enter into any correspondence or discussion on the matter of event entries.

1.5 Championship Calendar

1.5.1 The Calendar of Events qualifying for the Championship will follow the calendar year.

1.5.2 A provisional list of qualifying events forms part of this leaflet. Any changes will be published in *The iClear Round*, BTRDA NEWS and/or www.BTRDA.com

1.6 Championship Classes

1.6.1 In each Championship event there will be 5 classes, Red Independent, Red Live Axle, Blue Independent, Blue Live Axle and Rookie, drivers will be classified before the first event of the year based on their average score on last year's championship events. Drivers will remain in the same class for the whole of the Championship year. Rookie is defined as not having had 2 years or 12 events experience.

Drivers may appeal to the Committee, who retain the right to re-classify any driver at any point during the championship year.

1.7 Championship Scoring

1.7.1 In each Championship event 30 marks will be awarded to the winner, 29 to second, and 28 to third and so on in Clubmans Classification which make up your average score for qualification into the Gold and Silver Star.

1.7.2 Final qualification marks will be taken from each competitors best 10 performances.

1.7.3 Ties will be decided in favour of the competitor with the greatest number of highest scores.

1.7.4 Season Challenge, Points will be allocated to individual classes,

a) Independent Expert (Red),

b) Independent Intermediate (Blue),

c) Live Axle Expert (Red),

d) Live Axle Intermediate (Blue),

e) Rookie.

f) Post Historic Class – eligible for cars running to the HSTA car formula.

Points will be awarded as above for the BTRDA Championship, 30 points for first finisher in each class, 29 points for second finisher in each class and so on up to 30th place, your points scored in the overall classification and the Season Challenge will not be added together.

1.8 Championship Final

1.8.1 At the conclusion of each Championship Year the BTRDA® will arrange a Championship Final at a venue and on a date to be announced.

1.8.2 This Championship Final will be held under the GCR's and SSR's and such Regulations and instructions as may be required.

1.8.3 A maximum of 55 invitations will be issued to competitors who qualify but on accepting they will be required to pay an event entry fee.

1.8.4 Qualification for the Championship Final is as follows:

a) Gold Star® Category – The first 20 in order of average scores from 1.7.1 & 1.7.2 and the first three qualifying members in Class A of the Northern Ireland Trials Championship. Should a qualifying competitor be unable to take part in the Gold Star® Category then the place may be offered to the leading Silver Star® qualifier in qualifying order,

b) Silver Star® Category – The remaining competitors in the championship and the first two qualifying members in Class B of

the Northern Ireland Trials Championship.

c) The committee reserve the right to move an entrant from the Gold Star® to Silver Star® or Silver Star® to the Gold Star®

1.8.5 Should a qualifying competitor be unable to take part in the Championship Final then the place may be offered to a reserve in qualifying order or to any other invited member.

1.8.6 The Championship Final is only open to BTRDA® members registered in the BTRDA® Sporting Trials Championship.

1.9 Championship Final Awards

1.9.1 Open to all Qualifying Competitors in the Championship Final:

a) Champion – The Gold Star® and an award

b) Winner's Passenger – Bouncers Cushion and an award.

1.9.2 **Gold Star® Category Awards** - Open only to those who qualify in the Gold Star® Category:

a) Runner Up - The Fack Brothers Trophy and an award

b) Third Place - Lol Hurt Trophy and an award

1.9.3 **Silver Star® Category Awards** - Open only to those qualifying in the Silver Star® Category:

a) Winner – Norman Overton Trophy and an award

b) Winner's passenger – An award

c) Second place – Rex Chappell Trophy and an award

d) Third place - Bernard Dees Trophy and an award

1.9.4 **Live Axle awards**- Open only to those qualifying in a solid beam axle car to be awarded in addition to any overall awards:

a) Highest place finisher in Gold Star® - Sydney Allard Trophy and an award

b) Highest place finisher in Silver Star® - The Allard Junior Trophy and an award

1.9.5 **Additional Championship Final Awards** – open to all qualifying competitors in the Championship Final:

a) Best Southerner – Ian Mackenzie and an award.

b) Best Northerner – Cuth Harrison Trophy and an award.

c) Best Midlander – Lew Tracey Memorial Trophy and an award.

d) Best Northern Irelander – FE Lawrence Trophy and an award.

e) Kemp-Lewis Maturity Cup and an award presented to the competitor whose age on 1st Jan of the championship year is deducted from his/her Score at the Championship Final. Lowest net score to win. In the event of a tie the oldest driver will win. Only competitors who declare their age on the BTRDA® Membership form are eligible for this award.

f) Bill Pinkney Memorial Trophy and an award to the highest placed debutant at the Final.

1.9.6 Trophies may be retained for nine months from the date of the official presentation, providing they are collected at that function, or the BTRDA® Luncheon, by the member in person.

g) An award for the highest place Post Historic Car.

2.0 Championship Year Awards

a) A Crested Spoon – to the Championship entrant finishing highest in general classification in each of the qualifying events.

b) Best Event Award – a trophy to the Motor Club, which in the opinion of the Championship Committee organised the best event qualifying for the Championship.

c) The Ian Bell Trophy – and an award to the highest placed competitor in the Red Independent Class.

d) Pat Thornton Trophy and an award - to the highest placed competitor in the Red Live axle Class

e) The Ron Faulkner Challenge Trophy – and an award. - to the highest qualifier in the Blue Independent Class.

f) Peter Highwood Trophy and an award to the highest placed competitor in the Blue Live axle Class

g) The Colin Taylor 'Rookie of the Year' Award. This will be awarded to the highest qualifier in the Rookie Class

h) The David Render Bouncer's Trophy – and an award. This will be awarded to the 'Bouncer' scoring the most points in Qualifying Events (irrespective of driver), and to rule 1.7.2. Scoring is based upon drivers class position. 10points for a win, 9 for 2nd and so on down to one for starting.

i) The Mike Harrison Memorial Trophy – and an award. This will be awarded to a non-competitor at the discretion of the Sporting Trials Committee.

j) Post Historic award -This will be awarded to the highest qualifier in the Post Historic Class.

3.0 General Rules

3.0.1 There is a 3 second allowance for the competitor to regain forward motion, with no rearward motion. Marshal to count "and 1 and 2 and 3". With one exception, should a competitor stall an engine in a section this counts as a stop with no time allowance. The exception is 'should the engine stall occur downhill and the car continues forward motion while the competitor restarts the engine' there is no penalty.

3.0.2 The only permitted tyres to be used in any championship event are the Vredestein T-Trac 2, Maxxis MA-510N, Toyo 330 and/or Nankang CX668 or any other permitted by the committee during the year due to availability.

3.0.3 Passengers are permitted to compete in a maximum of two vehicles as long as both vehicles are running within three cars of each other.

3.0.4 Drivers must produce their cars logbook at all events if requested

3.0.5 Differentials. To be eligible to score points and participate in Gold and Silver Star Final, cars must achieve a breakout torque figure no greater than 15kg when subjected to The Sharp Dynamic Test. Eligible cars will have their differential sealed by the application of a red seal(s). During the season random tests may be undertaken using either The Sharp Dynamic Test, or when not practical to do so by the Lever Arm Test. Full details are provided in Appendix 1.

It is recommended that all competing cars carry an appropriate fire extinguisher

Provisional 2020 CHAMPIONSHIP CALENDAR

DATE	EVENT	ORGANISING CLUB	AREA	POSTCODE	CONTACT
18-01	2019 Championship Final	BTRDA	Kington	HR5 3PU	www.btrda.com
02-02	BTRDA Luncheon	BTRDA	West Midlands	B78 3TW	www.btrda.com
01-02	JB Taylor	Kentish Border C.C	Crewkerne	TBC	www.btrda.com
23-02	Geoff Taylor	Hagley & District L.C.C	Staffordshire	TBC	www.hdccc.com
01-03	Walsingham	750 M.C	Hampshire	GU31 5SN	http://750sportingtrials.co.uk/
07-03	Training day	BTRDA	Worcestershire	WR6 6RP	www.btrda.com
08-03	Peter Blankstone	M.A.C	Worcestershire	WR6 6RP	www.shelsley-walsh.co.uk
14-03	<i>Stuart Butterfield</i>	<i>N.P.T.C.C</i>	<i>Cumbria</i>	TBC	www.nptcc.org.uk
15-03	<i>Stone Trough</i>	<i>N.P.T.C.C</i>	<i>Cumbria</i>	TBC	www.nptcc.org.uk
22-03	Presidents	Southsea M.C	Hampshire	GU32 1QY	www.southseamotorclub.co.uk
26-04	Pennine	Airedale & Pennine C.C	Derbyshire	SK17 0LW	www.apmcc.co.uk
02-05	<i>Jiggers Jug</i>	<i>N.P.T.C.C</i>	<i>Cumbria</i>	TBC	www.nptcc.org.uk
03-05	<i>Raymond Baxter</i>	<i>N.P.T.C.C</i>	<i>Cumbria</i>	TBC	www.nptcc.org.uk
10-05	Four Turnings	Camel Vale M.C	Cornwall	TBC	www.camel-valemcc.net
17-05	Jacobean	M.T.C.C	Oxfordshire	CV36 5JJ	www.midlandstrialscarclub.co.uk
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06-09	Robin Jager	N.P.T.C.C	Cumbria	CA10 1HW	www.nptcc.org.uk
12-09	<i>Robin Alexander</i>	<i>Camel Vale M.C</i>	<i>Cornwall</i>	PL33 9DG	www.camel-valemcc.net
13-09	<i>David Ayers</i>	<i>North Cornwall & Launceston C.C</i>	<i>Cornwall</i>	PL32 9YN	www.lncmc.co.uk
20-09	Pete Fear Pauntley	Ross & District M.C	Gloucestershire	GL19 3HZ	www.rossmotorsports.co.uk
27-09	Charles Pollard	Peterborough M.C	Northants	LE15 9TJ	www.peterboroughmotorclub.co.uk
04-10	John Southern	N.P.T.C.C	Cumbria	LA10 5EE	www.nptcc.org.uk
17-10	Training Day	BTRDA	Oxfordshire	CV36 5JJ	www.btrda.com
18-10	Mercian	M.T.C.C	Oxfordshire	CV36 5JJ	www.midlandstrialscarclub.co.uk
01-11	Tulleys Farm	Kentish Border C.C	Sussex	RH10 4PE	www.btrda.com
08-11	Roy Fedden	Bristol M.C	Avon	BS32 4PG	http://bristolmc.org.uk/
15-11	Loughborough	Loughborough C.C		NG32 1SW	http://www.loughboroughcarclub.co.uk/
06-12	Gloucester	M.T.C.C	Gloucestershire	GL10 3TP	www.midlandstrialscarclub.co.uk

Any changes will be notified by BTRDA News, iClear Round and/or www.btrda.com

CONTACTS

Stuart Beare (Chairperson), Tulleys Farm, Turners Hill, Crawley, West Sussex RH10 4PD Tel 07850404824
stuart@tulleysfarm.com

George Watson (Secretary), 1A Orchard Close, Bretforton, Evesham WR11 7HZ; Tel 01386 832696 george.watson@live.co.uk

Julian Fack (Training Days), Orchard Farm, Shareshill, Nr Wolverhampton, WV10 7LE 07812 108588 j.fack@me.com

Andrew Woodhead (Championship Scorer), Green Holme, Melmerby, Cumbria, CA10 1HB andrew@windstruments.co.uk

BTRDA Sporting Trials Championship

Appendix 1.

Differential Eligibility – Test Procedures and Sealing.

For 2020 the Breakout Torque limit is set at 15kg. Differentials, when tested, must achieve a breakout torque figure no greater than 15kg as measured by the Sharp Dynamic Test. At any time during the course of the championship retesting and/or random testing will be undertaken by the Lever Arm Test. Differentials will be tested and sealed according to the following procedures.

Definitions

The Sharp Dynamic Test.

The Sharp Dynamic Test measures the resistance of the subject vehicle's differential by applying variable load across the driven axle via an electro-mechanical process and electrically recording the torque at the wheel hub to a computer.

The Lever Arm Test.

The Lever Arm test involves two rollers, a calibrated lever and a pre-determined weight which is allowed to fall signifying a breakaway of less than 15kg, if the lever fails to fall the test has failed signifying a breakout resistance greater than 15kg.

Drag.

The load difference across the axle when one wheel is revolving and one stationary.

Breakout.

When both wheels are turning the load difference or resistance across the axle that causes one wheel to stop revolving.

Breakout Torque Limit

The torque resistance measured across the rear wheels must not exceed 15kg @ 44.25"(165.4nm 122.0lbs/ft under breakout or drag conditions.

1. The Sharp Dynamic Test

1.1. Test Procedure

Tests can only take place on cars that are presented "as driven on the hills".

No parts may be disconnected or removed without the consent of the tester.

Note : brake pads are sometimes levered back or removed at the discretion of the tester.

1.2. Method.

Trials cars will be presented for testing as they would compete on the hills at normal operating temperature with two bar pressure in the rear tyres.

The car will be fitted with wheels that are able to carry the "drive spiders"
These can be "pool" wheels or the owner may supply their own set.

The test will be carried out with the tyres inflated to two bar pressure so as to reduce drag.

The rear wheels of the car will be placed on free running rollers and the drive spiders will be connected to the equipment.

The driver will be asked to start the rear wheels turning using an engine speed and gear of their choice.

Various loads will be applied either or both of the rear wheels for a time not exceeding two minutes.

The loads generated will be recorded and stored on computer.

A car that produces a pass result at the first attempt will be considered to have passed the test.

A car that does not produce a pass result at the first attempt will have to produce two consecutive pass results to be deemed to have passed.

Any car not achieving a pass result as outlined above within six tests in total will be deemed a "fail" and will be unable to score championship points until a suitable test result is achieved.

Only the current test results are considered for testing purposes, a competitor may NOT refer back to a test result recorded at an earlier time.

1.3. Sealing.

Upon achieving a pass result from the Sharp Dynamic Test, the differential will be sealed into the car using one or more approved RED numbered seals. The seal MUST be fitted BEFORE the car leaves the test site, failure for this to happen will result in the car having to be re tested.

Note: - The ultimate responsibility for being able to suitably fit the seal at the time of the test rests entirely with the owner of the car.

"One or more seals"

Certain designs of transaxles allow the differential to be fitted from either side as the tester is unable to determine which side the diff has been fitted from then both sides will be sealed (eg Hewland MK9).

2.0. Integrity of the seals.

Due to the nature of the sport it is quite feasible that the seal may become damaged or broken it is the owners responsibility to keep an up to date record of the seals integrity by either:-

a) Having the cars seal inspected by the event scrutineer and having the cars log book signed, stamped or punched stating that the cars seal was inspected on that date.

or

b) Being able to produce a date and time stamped photograph taken by I-Phone or similar device clearly showing the integrity of the seal and the number on it.

3.0. Re Testing.

a) If a previously sealed car is presented for re testing or is found at any time with a broken, damaged or missing seal then the driver or drivers of said car will loose all points scored back to the last known and proved date the seal was intact. See Integrity of Seals above.

b) If a seal needs to be broken/remove for maintenance purposes this is acceptable but a) will apply.

c) On request by the owner a Blue numbered seal may be fitted without a test taking place.

However, it must be noted that: - A blue seal is considered "temporary" and can only be used to score a maximum of 15 championship points, in any class, before a test by the Sharp Dynamic Test becomes mandatory.

All points scored while the blue seal is fitted will be deemed provisional until a re-test by the Sharp Dynamic Test is successfully completed.

A car when re tested MUST pass the test within the first six attempts or all points scored while running on a blue seal will be lost.

If a car is presented for re testing and the Red seal is intact but is unable to produce a pass result as outlined above, all points scored up to the time of the re test will be retained but the car will no longer be eligible to score points until a suitable test result is achieved.

4.0. The Lever Arm Test

Random testing will take place at events throughout the year by means of The Lever Arm Test. (40Kg @ 44.25" with a breakaway no greater than 15Kg @ 44.25") This test will be carried out with the car stood on its wheels on free rollers NOT JACKED UP

It should be noted that: -

a) A red seal CANNOT be obtained from a Lever Arm Test result.

b) Cars that fail the lever test will have the red seal removed and a blue seal fitted and c) above will apply.