



Regulations

1 SPORTING REGULATIONS - GENERAL

1.1 Title & Jurisdiction:

- 1.1.1 The Classic Marques Speed Challenge is organized and administered by the Classic Marques Sports Car Club in accordance with the General Regulations of the Royal Automobile Club Motor Sports Association [MSA] (incorporating the provisions of the International Sporting Code of the FIA) and these Championship Regulations.

MSA Championship Permit No. **CH2018/S062**

MSA Championship **Grade: D**

Status: **National B**

1.2 Officials:

- 1.2.1 Championship Coordinator: Mr. Robin Harris, 28 Sycamore Mews, Clapham Old Town, London SW4 0SY Tel: 07801 342020 (Mobile). robmingcharris@gmail.com
Championship Organiser: Mr. Stephen Cox, 28 Broomfield Road, Surbiton, Surrey KT5 9AZ Tel: 0208 390 0764 or 07710 393601 (mobile). stephensjcox@hotmail.co.uk
- 1.2.2 Eligibility Scrutineer: Mr. Tony Freeman, Coniston, Water Lane, Weymouth, Dorset, DT3 5QD 01305 520829 tony.freemanv8@gmail.com
- 1.2.3 Championship Stewards (contact via the Championship Organiser):
Mr. Barry Guess, Mr. Barry Morris, Mr. Norman Redhead

1.3 Competitor Eligibility:

- 1.3.1 Entrants must be fully paid up members of Classic Marques Sports Car Club and in possession of a valid, current MSA Entrants Licence.
- 1.3.2 Competitors must be registered for this Championship, be a fully paid up membership card holder member of Classic Marques Sports Car Club and in possession of a valid MSA Competition Licence (minimum Non-Race National 'B')

A competitor shall not take time off school to participate in motor sport without the prior written approval of their school. If participation in the Championship requires absence from school, Drivers in full time education are required to have the approval of their head teacher and a letter stating such approval from his/her school in order to fulfil registration for the Championship.

- 1.3.3 All necessary documentation must be presented for checking by the organizing club's entries secretary when signing-on at each event.

1.4 Registration:

- 1.4.1 Competitors register for the Classic Marques Speed Challenge by first joining the Classic Marques Sports Car Club (www.cmssc.co.uk), and then returning the completed Championship Registration Form to the Championship Organiser. Registration is complete when written acceptance, in the form of a Registration Card has been issued. The registration card does not imply acceptance of an entry in any event.

- 1.4.2 The information provided on the registration form is used to calculate a timing algorithm for the competitor's car. If, during the year, a competitor changes cars or makes any modification to the entered car which affects the car's timing algorithm, the changes must be notified to the Championship Organiser before the competitor's next event so that future points scoring can be based on the correct timing algorithm.
- 1.4.3 Failure to notify the Championship Organiser as specified by section 1.4.2 will result in points gained on an incorrect timing algorithm being null and void. Deliberate misrepresentation of power or weight will result in exclusion from the championship.
- 1.4.4 **Classic Marques Sports Car Club joining fee is £15.** Championship registration costs a further £25 for each car / driver combination.
- 1.5 Championship Rounds:**
- 1.5.1 The Classic Marques Speed Challenge will run at National B status and will be contested over 24 rounds. Dates and events will also be published separately via the championship website <http://www.cmscc.co.uk>
- 1.5.2 In the event that a championship round is cancelled by the Stewards of a Meeting for any reason, there shall be no substitute round and no change to the number of rounds which qualify for each contender's championship total.

<i>Classic Marques Speed Challenge 2018</i>									
Rnd	Day	Date	Event	Organising Club	Rnd	Day	Date	Event	Organising Club
1	Monday	02-Apr-18	Croft	Darlington Motor Club	13	Saturday	28-Jul-18	Castle Combe	Bristol MC
2	Saturday	21-Apr-18	Gurston Down	BARC, SE	14	Sunday	29-Jul-18	3 Sisters	Longdon & District MC
3	Sunday	22-Apr-18	Gurston Down	BARC, SE	15	Saturday	04-Aug-18	Loton Park	Hagley & District LCC
4	Saturday	28-Apr-18	Goodwood	Bognor Regis	16	Sunday	05-Aug-18	Loton Park	Hagley & District LCC
5	Saturday	05-May-18	Ty Croes	MG Car Club	17	Sunday	19-Aug-18	Curborough	Scimfest
6	Sunday	06-May-18	Ty Croes	MG Car Club	18	Sunday	26-Aug-18	Harewood	BARC Yorks
7	Saturday	26-May-18	Prescott	Bugatti Owners Club	19	Saturday	08-Sep-18	Wiscombe	MG Car Club
8	Sunday	03-Jun-18	Harewood	BARC Yorks	20	Saturday	08-Sep-18	Blyton Park	Nottingham SCC
9	Saturday	09-Jun-18	Abingdon	Sutton and Cheam MC	21	Sunday	09-Sep-18	Blyton Park	Nottingham SCC
10	Saturday	23-Jun-18	Snetterton 100	Borough 19 MC	22	Saturday	15-Sep-18	Shelsley Walsh	Midland Auto Club
11	Sunday	24-Jun-18	Snetterton 100	Borough 19 MC	23	Sunday	16-Sep-18	Shelsley Walsh	Midland Auto Club
12	Saturday	14-Jul-18	Lydden Hill	TWMC /7Oaks/B19	24	Saturday	06-Oct-18	Goodwood	TWMC
					25	Saturday	20-Oct-18	Castle Combe	Bristol Pegasus MC

- 1.6 Scoring:**
- 1.6.1 The scoring system is based on the (algorithm adjusted) performance of championship entrants by multiplying their competition times by the percentage timing algorithm allocated to each car.
- The timing algorithm values for each car are calculated from the power/weight/tyres information provided by each entrant for each car they have entered to the championship.

The Timing algorithm

The timing algorithm car is calculated from each entered car's power/weight ratio, based on BHP at the flywheel (BHP) and kerbside weight (kg). Northampton Motorsport will act as Classic Marques reference rolling road and opportunities will be provided for contenders to have power runs on the Northampton Motorsport rolling road. Where a "BHP at the wheels" value is provided by a contender, the figure will be converted to a "BHP at the flywheel" equivalent by using the calculation BHP at the wheels +15% +10 BHP.

Kerbside weight will be validated for all entered cars once per season. Kerbside weight is defined as the weight of the car, including driver (in race overalls, helmet, shoes and gloves), in the condition in which it is presented to the start-line ready for competitive timed runs. It is assumed the car will be carrying 10 litres of fuel. The base timing algorithm is defined by the following formula:

$\text{LOG}(350 \cdot \text{BHP-per-tonne}) / \text{LOG}(350 \cdot 500)$

Each competitor must nominate a tyre category on their entry form when registering with Classic Marques Speed Challenge. The tyre category determines the types of tyre the competitor is permitted to run during the year. The timing algorithm is adjusted to reflect the tyre category as follows:

Roadgoing Cars

Category 1: “OE style” crossply tyres OR List 1A tyres +0%

Category 2: Option to run both List 1A and List 1B tyres (**excluding rally tyres**) +2.5% of base timing algorithm

Non Roadgoing Cars

Category 3: Option to run List 1A, List 1B and List 1C (**excluding rally tyres**) + 2.75%

Category 4: Option to run any List 1A, List 1B and List 1C, in addition to slick, race **wet and rally tyres** +3.5% of base timing algorithm.

NOTE 1: List 1A and 1B tyres are as defined in the MSA Blue Book dated 2018 with the exception of rally tyres. Road legal tyres, which do not appear in List 1A, List 1B in the MSA Blue Book dated 2018 shall be classified as List 1C in order to calculate contender algorithm.

NOTE 2: Tyres which do not appear in MSA lists 1A, 1B and 1C shall be classified as “Race” for Classic Marques algorithm purposes.

Competitors are allowed **one upward** tyre category change per season.

Competitors wishing to change to a higher tyre category mid-season must notify the Championship Organiser in advance as specified in section 1.4.2.

Competitors are not permitted to change to a lower tyre category than the one they used at their first event of the season.

Entry to the Classic Marques Speed Challenge will be refused if information tendered in an application form (regarding power, weight or tyres) is clearly inaccurate.

For the purpose of allocating championship points, the classes at each event shall be regarded as combined and points will be awarded based upon timing algorithm results taking all registered contenders at the event into consideration.

Motor clubs organizing events that are qualifying rounds of the Classic Marques Speed Challenge are requested (but not be required) to offer a separate class for our cars – all data will be extracted from official event results irrespective of the classes in which contenders run.

Points will be awarded to contenders listed as classified finishers in the Final Results of each event as follows:

At events where the winner’s adjusted algorithm time is under 50 seconds there will be no adjustment for course length and the calculation of points shall be: The Contender with the lowest algorithm time at each event will be awarded 25 points. All other Contenders will be awarded 25 points minus their adjusted algorithm time difference from the winner. Contenders whose adjusted time difference is equal to (or greater than) 15 seconds will be awarded 10 points.

At events where the event winner’s algorithm time is equal to or over 50 seconds, the difference between each Contender’s algorithm time and the winning car’s algorithm time will be adjusted to take the length of the course into consideration. The adjusted algorithm time is as follows: (Contender’s algorithm time minus Winner’s algorithm time) * (50 / Winner’s algorithm time). The Contender with the lowest algorithm time at each event will be awarded 25 points. All other Contenders will be awarded 25 points minus their adjusted algorithm time difference from the winner. Contenders whose adjusted time difference is equal to (or greater than) 15 seconds will be awarded 10 points.

Example of adjusted algorithm times and associated points scoring:

Place	Time	Timing Algorithm %	Algorithm time	Algorithm Time Difference	Adjusted Algorithm Time Difference	Points	Points calculation
Win	97.95	91.41%	89.54	-	-	25.00	25 points for win
2nd	95.05	96.50%	91.72	2.19	1.22	23.78	$25 - ((91.72 - 89.54) * 50 / 89.54)$ =23.78 points
3rd	105.00	96.79%	101.63	9.91	5.53	19.47	$25 - ((101.63 - 89.54) * 50 / 89.54)$ =19.47 points
4th	135.00	98.50%	132.98	31.35	17.50	10.00	$25 - ((132.98 - 89.54) * 50 / 89.54)$ =7.50. Score min 10 points

* For the purpose of calculation, the track length is deemed to be equal to the winning car's algorithm time.

Note 1: scoring is based on the results of registered championship contenders only.

Note 2: scoring is based on the results of all registered Classic Marques Speed Challenge contenders at an event, regardless of the class entered.

Note 3: the best time achieved in a maximum of **three** qualifying timed runs offered by the event organising club will count for championship points.

Note 4: if two separate courses constitute a single event, the algorithm times for both courses shall be aggregated prior to the computation of adjusted algorithm times and calculation of points for that event.

The eight highest event scores will be aggregated to produce each entrant's championship score.

Competitors wishing to run more than one car in the series may do so on the following terms:

- i) Points for each car / driver combination will be maintained separately.
- ii) Each car entered is subject to the annual £25 subscription fee per driver.

The Championship scores will be maintained by the Championship Organiser.

Notification of intermediate and final results will be by email and via the Classic Marques Speed Challenge website <http://www.cmscc.co.uk>

The publication of event regulations shall be via email through the Classic Marques Speed Challenge website. The Championship Organiser will advise contenders of the location of regulations for each event. Copies of regulations for each event will also be stored on the Classic Marques Speed Challenge website for easy download.

1.6.2 In the event of a points tie for Overall Championship Winner, the tie will be resolved in favour of the contender whose points total was achieved **last**.

1.6.3 Championship Points Appeal

Resolved in accordance with Section C6.5 in the current MSA Yearbook and through the Championship Organiser.

1.7 Awards:

1.7.1 All “end of season” championship awards will be provided by the Classic Marques Sports Car Club.

1.7.2 At the conclusion of the season, Championship award Trophies will be presented as follows:
To the Overall Championship Winner and the Championship Runner Up.

Individual British Sports Car and Sports Saloon Car Class awards will be presented per marque where 5 drivers or more competed in cars of the same marque during the season. Where less than 5 British cars per marque competed, trophies will be presented to entrants in the combined Britsports Class.

Individual International Sports and Sports Saloon Marque Class awards will be presented if 5 drivers or more competed in cars of the same marque during the season. Where less than 5 non-British cars per marque competed, trophies will be presented to entrants in the Intersports Class.

Note 1: The Overall Championship Winner and Championship Runner Up do NOT qualify for any other class winner's award.

The location, date and time of the awards presentation will be notified to all award winners by personal invitation and to all contenders via the CMSCC Classic Marques Speed Challenge website:

<http://www.cmscc.co.uk>

Entertainment Tax Liability: CMSCC accepts no responsibility for any taxes payable.

2 SPORTING REGULATIONS - JUDICIAL PROCEDURES

2.1 Rounds:

2.1.1 Judicial procedures will be in accordance with Section C in the current MSA Yearbook, and the Supplementary Regulations for the event.

2.2 Championship:

2.2.1 Judicial procedures will be in accordance with Section C in the current MSA Yearbook, and these Championship Regulations.

3 TECHNICAL REGULATIONS

3.1 Eligible Vehicles:

3.1.1 Sports and sports saloon cars made by AC, Alfa Romeo, Allard, Alpine Renault, Aston Martin, **Austin**, Austin Healey, BMW, Clan, Elva, Ferrari, Fiat, Ford, Gilbern, Ginetta, Honda, Jaguar, Lancia, Lotus, Marcos, Mazda, MG, Morgan, Nissan, Porsche, Proteus, Reliant, Renault, Sunbeam, Toyota, Triumph, TVR and Volvo, are eligible at the discretion of the championship organiser.

3.1.2 Vehicles must comply with MSA general technical and safety regulations as per MSA yearbook as appropriate.

3.1.3 The Classic Marques Speed Challenge does not require cars to be taxed, insured nor have an MOT certificate, however, contenders must comply with MSA yearbook regulations in S10.10 regarding the classification of roadgoing and non-roadgoing vehicles as follows:.

Road-going Series Production Cars

Modified Series Production Cars

Road-going Specialist Cars

Modified Specialist Cars

NB: In compliance with the MSA regulations for 2018, cars classified as Road-going must run either List 1A or List 1B tyres.

3.1.4 ALGORITHM ADJUSTMENTS FOR TECHNOLOGY

Cars which utilize automatic systems for controlling engine and/or brakes based on wheel speed sensors (i.e. traction control, launch control, automatic stability enhancement systems / VSA etc) are now eligible for Classic Marques but are subject to additional algorithm loading between 1.0% and 3% depending upon software fitted.

3.1.5 **EXCLUSIONS**

Motorcycle engines – not eligible
Sequential gearboxes – not eligible
Caterham, Westfield, Locost type cars (except original Lotus 7) – not eligible
Sports Libre cars - not eligible

Irrespective of event class entered, the categories of Classic Marques Speed Challenge entrants' cars must comply with the class requirements specified in the regulations issued by the organizing clubs throughout the season.

3.2 **Classes**

British Sports and Sports Saloon Cars

Comprising cars manufactured by AC, Allard, Aston Martin, Austin, Austin Healey, Clan, Elva, Ford, Gilbern, Ginetta, Jaguar, Lotus, Marcos, MG, Morgan, Proteus, Reliant, Sunbeam, Triumph, and TVR. Single Marque Classes will be allocated where five drivers (or greater) in cars of the same marque score points during the current season.

British sports and sports saloon cars not eligible for single marque classes will be combined into the Britsports Class.

International Sports and Sports Saloon Cars

Comprising sports and sports saloon cars manufactured by Alfa Romeo, Alpine Renault, BMW, Ferrari, Fiat, (non UK) Ford, Honda, Lancia, Mazda, Nissan, Porsche, Renault, Toyota and Volvo. Single Marque Classes will be allocated where five drivers (or greater) in cars of the same marque score points during the current season.

International sports and sports saloon cars not eligible for single marque classes will be combined into the Intersports Class.

3.3 **Temporary Car Substitution**

If a competitor is not able to drive his/her own Classic Marques Speed Challenge registered car at an event owing to mechanical failure or damage, or, if a competitor brings a car to an event and it breaks down before or during practice, it is permissible (at the discretion of the Championship Organiser) to borrow the registered car of another registered Classic Marques competitor in order to complete the event. The Championship Organiser will calculate a temporary algorithm for the competitor and will add points won at the event to the competitor's total for the year. The temporary algorithm will be calculated by simply replacing the weight of the car's owner in the algorithm calculation (described in 1.6.1) with that of the driver borrowing the car.

3.4 **Championship Algorithm Ballast**

The winner of the previous year's championship (2017) will carry ballast of 75kg for the duration of the subsequent season (2018). Ballast will take the form of a 75kg reduction in the weight of the car for algorithm purposes.



Classic Marques Sports Car Club

Competitor Registration Form 2018

I wish to enter the Classic Marques Speed Challenge organised by the Classic Marques Sports Car Club. I agree to be bound by the terms of the Classic Marques Speed Challenge regulations which are available from www.cmssc.co.uk I agree that the information I provide on this form may be stored on a computer for the sole purpose of administering the championship.

Full Name*			
Date of Birth			
Full postal address*			
Line 1			
Line 2			
Line 3			
Line 4			
Postcode			
Contact Details*			
Home or Office Phone			
Mobile phone			
Email address			
CMSCC Membership No.*			
Your Car and you*			
Make / Model			
Year			
Colour			
Engine size (cc)*			
BHP (Flywheel)*		Torque Ft/Lb	
Kerbsite wt incl 10 litres fuel*			
Driver weight (kg)			
Category per MSA Yearbook para S10.10	Road-going Series Production Cars		Y / N
	Modified Series Production Cars		Y / N
	Road-going Specialist Cars		Y / N
	Modified Specialist Cars		Y / N
Tyres*			
Tyres must be listed in the MSA yearbook for 2017. Please indicate which category will be fitted to your car during the 2017 season. The make of tyre is free but only one upward tyre category change is permitted per season. Downward tyre category changes are not permitted after a competitor's first Classic Marques Speed Challenge event.	Brand		
	Model		
	Category 1 - "OE Style" Crossply tyres: Penalty 0%		Y / N
	Category 1 - List 1A only: Penalty 0%		Y / N
	Category 2 - List 1A or 1B (excluding rally tyres): Penalty +2.5%		Y / N
	Category 3 - List 1A, 1B or 1C tyres (excl rally tyres): Penalty + 2.75%		Y / N
Category 4 - List 1A, 1B or 1C + Race slicks/wets/rally: Penalty + 3.5%. It should be noted that tyres not included in lists 1A, 1B or 1C shall be regarded as "Race" for the purposes of Classic Marques handicapping.			

Please return completed forms to Steve Cox, 28 Broomfield Road, Surbiton, Surrey, KT5 9AZ enclosing your cheque for £40 being £25 subscription fee for the Classic Marques 2017 season + £15 for family membership of Classic Marques Sports Car Club. Cheques should be made payable to CMSCC. Fees may also be paid directly to: SORT CODE 20.18.15 - ACCOUNT NUMBER 00567361 - Account Name: CMSCC

PLEASE NOTE THAT POINTS CANNOT BE AWARDED UNLESS AN ENTRY FORM HAS BEEN COMPLETED AND RETURNED TO THE CHAMPIONSHIP ORGANISER IN ADVANCE OF THE FIRST MEETING WHERE POINTS ARE INTENDED TO BE GAINED.

** Mandatory questions as condition of entry to the series.*