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## Regulations

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### 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. **CH2017/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). [robingscharris@gmail.com](mailto:robingscharris@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](mailto:stephensjcox@hotmail.co.uk)

- 1.2.2 Eligibility Scrutineer: Mr. Tony Freeman, 2 Court Road, Broadway, Weymouth, Dorset DT3 5DQ Tel:01305 813407. [tony.freeman@gmail.com](mailto:tony.freeman@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.classic-marques-speed-challenge.com](http://www.classic-marques-speed-challenge.com)), and then returning the completed Championship Registration Form to the Championship Organiser. Registration will only be complete when written acceptance, in the form of a Registration Card, has been issued by the Championship

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Organiser. The registration card does not imply acceptance of an entry in any event.

- 1.4.2 The information provided on the registration form will be 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, this change 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 Championship registration costs £25 for each entrant/car entered.

## 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.classic-marques-speed-challenge.com>
- 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.

Classic Marques Speed Challenge 2017 - Events Calendar									
Rnd	Day	Date	Event	Organising Club	Rnd	Day	Date	Event	Organising Club
1	Saturday	15-Apr-17	Goodwood	Bognor Regis	14	Sunday	30-Jul-17	3 Sisters	Longton DMC
2	Monday	17-Apr-17	Croft	Darlington MC	15	Saturday	05-Aug-17	Loton Park	Hagley & District LCC
3	Saturday	22-Apr-17	Gurston Down	BARC, SE	16	Sunday	06-Aug-17	Loton Park	Hagley & District LCC
4	Sunday	23-Apr-17	Gurston Down	BARC, SE	17	Sunday	20-Aug-17	Curborough	Scimfest
5	Saturday	29-Apr-17	Ty Croes	MG Car Club	18	Sunday	27-Aug-17	Harewood	BARC Yorks
6	Sunday	30-Apr-17	Ty Croes	MG Car Club	19	Saturday	02-Sep-17	Blyton Park	Nottingham SCC
7	Saturday	13-May-17	Wiscombe	Torbay MC	20	Sunday	03-Sep-17	Blyton Park	Nottingham SCC
8	Sunday	14-May-17	Wiscombe	Wildlife Autosport	21	Saturday	09-Sep-17	Wiscombe	MGCC
9	Saturday	27-May-17	Prescott	Bugatti Owners Club	22	Saturday	16-Sep-17	Shelsley Walsh	Midland Auto Club
10	Sunday	04-Jun-17	Harewood	BARC Yorks	23	Sunday	17-Sep-17	Shelsley Walsh	Midland Auto Club
11	Sunday	18-Jun-17	Silverstone Stowe	MG Car Club	24	Saturday	23-Sep-17	Goodwood	TWMC
12	Saturday	15-Jul-17	Lydden Hill	TWMC /7Oaks/B19	25	Saturday	21-Oct-17	Castle Combe	Bristol Pegasus MC
13	Saturday	29-Jul-17	Castle Combe	Bristol 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 for each car is calculated from the 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:

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

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 +2.5% of base timing algorithm

## Non Roadgoing Cars

Category 3: Option to run List 1A, List 1B and List 1C tyres + 2.75%

Category 4: Any tyre not complying with Categories 1, 2 and 3 and not complying with the Road Traffic Act (RTA) including slick and race wet tyres), +3.75% of base timing algorithm.

NOTE 1: List 1A and 1B tyres are as defined in the MSA Blue Book dated 2017. Road legal tyres, which do not appear in List 1A, List 1B in the MSA Blue Book dated 2017 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. 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. Contenders whose adjusted time difference is equal to (or greater than) 15 seconds will be awarded 10 points.

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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.classic-marques-speed-challenge.com>

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 cars or more of the same marque competed at events 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 cars or more per marque competed. 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.classic-marques-speed-challenge.com>

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 Healey, BMW, Clan, Elva, Ferrari, Fiat, Ford, Gilbern, Ginetta, Honda, Jaguar, Lancia, Lotus, Marcos, Mazda, MG, Morgan, Nissan, Porsche, 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 2017, 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

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 Healey, Clan, Elva, Ford, Gilbern, Ginetta, Jaguar, Lotus, Marcos, MG, Morgan, Reliant, Sunbeam, Triumph, and TVR.

Single Marque Classes will be allocated where five cars (or greater) of the same marque accumulate 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 cars (or greater) of the same marque accumulate 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 season (2016) will carry ballast of 75kg for the duration of the new (2017) season in which he or she competes. Ballast will take the form of a 75kg reduction in the weight of the car for algorithm purposes.

The Runner Up from the previous season (2016) will carry algorithm ballast of 37.5kg for the duration of the new season (2017). Again, ballast will take the form of a 37.5kg reduction in the weight of the car for algorithm purposes.



*Classic Marques  
Sports Car Club*

**Competitor Registration Form 2017**

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 <http://www.classic-marques-speed-challenge.com>. I agree that the information I provide on this form may be stored on a computer for the sole purpose of administering the championship.

<b>Full Name*</b>		
Date of Birth		
<b>Full postal address*</b>		
Line 1		
Line 2		
Line 3		
Line 4		
Postcode		
<b>Contact Details*</b>		
Home or Office Phone		
Mobile phone		
Email address		
<b>CMSCC Membership No.*</b>		
<b>Your Car and you*</b>		
Make / Model		
Year		
Colour		
Engine size (cc)*		
BHP (Flywheel)*		
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
<b>Tyres*</b>		
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 tyres: Penalty +2.5%	Y / N
	Category 3 - List 1A, 1B or 1C tyres: Penalty + 2.75%	Y / N
Category 4 - List 1A, 1B or 1C + Race slicks/wets: Penalty + 3.75%. 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 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.*