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The MSA Yearbook 2015

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Welcome to the MSA Yearbook for 2015

I'm delighted to present the 2015 *MSA Yearbook*, colloquially known as the *Blue Book* – the 'Bible' of UK motor sport.

Today the MSA's functions and remit spread much further than ever before, with the development of the sport now also taking its rightful place at the heart of our activities. However, we continue to perform the same fundamental role as always: ensuring that UK motor sport provides a safe, fair and dynamic environment for all.

It's in pursuit of those goals that we regulate the sport. The rules detailed within these pages are the framework for arguably the strongest and most diverse domestic motor sport scene of any country in the world.

These regulations are almost exclusively created, debated and amended by a number of Specialist Committees representing the many various branches and disciplines of the sport. They are then ratified by Motor Sports Council, which passes them to the MSA for implementation.

Unless new rules or rule changes are for immediate clarification or to address urgent safety matters, they are published for a period of prior consultation on the MSA website. I encourage you to keep an eye on www.msauk.org throughout 2015 and to have your say on any amendments to future regulations. These simply cannot evolve without the productive input of our competitors and officials.

While the *Blue Book* and its regulations strive to keep you and your fellow participants as safe as reasonably possible, it is very important to remember that each individual is ultimately



Alan Gow.

responsible for his or her own safety. I urge you to keep the well-being of your fellow competitor in mind and to foster a climate of respect at all times.

Just as you expect the MSA to be strict in the application of these regulations, it is equally important for you to also uphold and respect these regulations, which after all are created solely in the interests of the sport and its many thousands of participants.

I wish you a safe and successful season ahead, whichever your chosen discipline.

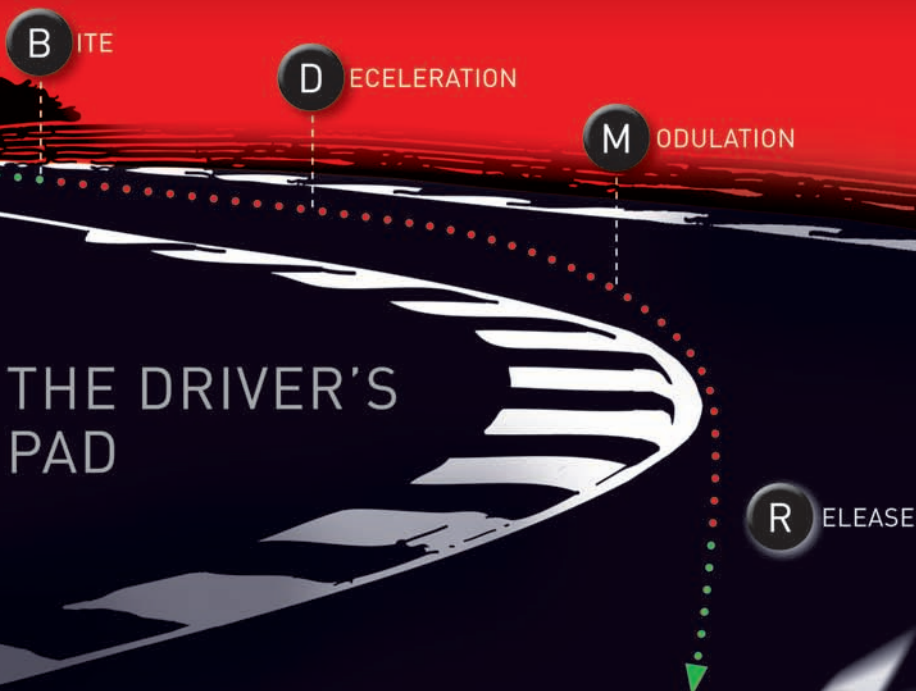
Alan J Gow
Chairman, MSA



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How to Use this Book

All the basic rules governing participation in motor sport events in Britain are contained in this 'Blue Book'. To enjoy the sport to the full, Organisers, Competitors and Officials should ensure they are familiar with the regulations relevant to their own particular discipline.

The Yearbook is split into four main Parts:

Structure of the Sport

The first (RED) Part describes the governance and structure of the sport in Britain, describing the role of the MSA and introducing some of the people involved in the sport, from Council Members to Technical Officials.

The Regulations

The second (BLUE) Part contains the detailed motor sport regulations which are split into two Sections:

- **Common Regulations** effecting all disciplines of the sport from Autotests to Rallying; and

- **Specific Regulations** effecting individual motor sport disciplines, giving Organisational, Competitor and Technical information for each discipline.

Within The Regulations all new regulations are indicated by the use of red text.

The Appendices

These contain much detailed information that has been extracted from the main

body of the text in order to make the other Sections more accessible and more readable.

The Directory

The fourth (GREEN) Part includes the regular MSA Motor Sports Directory

advertising products and services from over 180 companies in 100 different categories.

In general it should be possible for readers to find all the relevant Regulations they require by consulting just two sections in the blue part of the book.

As in previous years, a certain amount of cross-referencing between Sections is necessary due to similarities between different disciplines, and because the safety criteria are common to many.

We hope that once you become familiar with the new Blue Book you will find it easy to read and quicker to navigate through. We would welcome all feedback from readers on this revised publication in the hope that we can continue to improve this important motor sport document.



Motor Sports House



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9.30–5.00
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An Introduction to Motor Sports in Great Britain

The end of the 19th century saw the establishing and subsequent rapid development of the motor car industry in Britain. From these early years motor sports clubs sprung up all over the country and for over 100 years these have been the bedrock on which the sport has advanced and prospered, both nationally and internationally.

Britain today remains at the very heart of the international motor sports industry. At a national level, it turns over around £2.9-billion annually and is recognised by Government as a major exporter, generating in excess of £750-million in foreign earnings last year. It offers full-time employment to around 38,000 people (source MIA), and part-time work to a further 100,000.

Involvement at all levels

In sporting terms it involves people at all levels: at grass roots through the activities of 750 Motor Clubs (with a total membership of over 200,000) who annually organise over 4,000 events for 100,000 competitors in 22 different disciplines; at elite level through events such as the British Grand Prix and the Rally of Great Britain.

The sport is open to all. Events are available for competitors as young as eight years old. Others are devoted to women drivers only and there are even opportunities for severely disabled drivers to compete. There are further opportunities for non-drivers to participate as passengers and navigators, or to act as marshals and officials at motor sport events, progressing into areas of scrutineering and timekeeping. On the safety side

there are opportunities for first-aiders, doctors and paramedics in rescue and recovery units.

Training and coaching

Throughout the sport, a comprehensive programme of national training and coaching initiatives are in place to develop skill levels whatever the involvement: competitor, official, marshal, medical officer or administrator.

The governance and administration of this hugely successful sport in Britain is today the responsibility of the Motor Sports Association (MSA), with its roots in the Royal Automobile Club that successfully formed and has moulded the sport for over a century.

The sport's governing body

The MSA is recognised as the governing body of motor sport in Britain by the world governing body, the Federation Internationale de l'Automobile (FIA). As such, the MSA is responsible for administering and controlling the rules governing the sport.

This MSA Yearbook, known as the 'Blue Book' and published annually by the MSA, is the sport's regulatory 'Bible' for Organisers, Competitors and Officials.

BRITISH MOTOR SPORTS TRAINING TRUST

This charitable trust was formed in May 1977, and in the last four years alone the Trust has committed grant aid amounting to over £500,000 to assist with the training throughout the UK of volunteer officials and marshals in motor sport together with other training initiatives such as the provision of Marshals Safety Tabards, Club Officials Workshops and seminars, specialist courses for Doctors and Paramedics.

British motor sport enjoys the dedication and commitment of very many volunteers without whom the sport as we know it could not continue. Through the work of the Training Trust, not only can these individuals access dedicated training programmes to best match individual needs, but they are also helped to advance their own personal development by acquiring important lifeskills as a result of their involvement with the sport.

The British Motor Sports Training Trust is the motor sport Governing Body's own charity, and donations from organisations, clubs and individuals to help advance the work of the Trust are always most welcome.

Lord Rooker, Chairman of the Trustees

British Motor Sports Training Trust, Motor Sports House, Riverside Park, Colnbrook, Berkshire SL3 OHG

Tel: 01753 765000 Fax: 01753 682938

The British Motor Sports Training Trust is a Charity registered in England Reg. No. 273828

Part 1:

Structure of the Sport

British Motor Sports

History of Governance

The spirit of the early British motor clubs continues to drive motor sport organisation and regulation today, with over seven hundred clubs sharing agreed codes of practice under the umbrella of the MSA.

Any successful sport requires sound processes, rules and codes of practice to govern its operation. For motor sport, the history of this governance can be traced back to the turn of the last century when the development of the motor car led to the early formation of a number of motor clubs.

Early history

Prominent amongst these was The Automobile Club of Great Britain & Ireland (later renamed The Royal Automobile Club) which in subsequent years emerged as the leading organisation representing motorists' interests and organising motor sport events. Until the early 1970s motor sport was organised by affiliated clubs overseen by the RAC's Competitions Committee – a body of volunteers who ensured that the sport was conducted safely and to a common set of rules.

These rules were agreed between participating clubs and competitors and ensured that competition was fair. The framework of a judicial system had also by then been put in place and over subsequent years this has evolved into the system in use today (see Part 2: The regulations).

The late 1970s saw a re-structuring of the governance of the sport. In 1975 the Competitions Committee was replaced by a new RAC Motor Sports Council and four years later the RAC Motor Sports Association was formed to look after the day-to-day running of the sport.

The role of The Motor Sports Council

Today the Council acts in the role of a Sporting Commission, making and amending the rules governing motor sport in Britain, while the Association communicates and administers those rules within the sport.

The 23 member Council normally sits three times a year and has overall responsibility for rule-making and judicial matters. It is supported by:

- nine specialist motor sport committees
- four specialist motor sport sub-committees, and
- six advisory panels.

In all these are made up of over 200 volunteers from various motor sport disciplines.

Membership of these committees is drawn from a wide range of competitors, organisers and administrators across the full spectrum of motor sport. All committees operate in a democratic and transparent manner.

The Council fulfils its regulatory role by:

- Considering and approving the regulations that govern the sport
- Overseeing the judicial processes and administering the National Court to resolve disputes
- Ensuring the regulation of safety within the sport.

The role of the Association

The Council's work is supported and underwritten by the Motor Sports Association.

The MSA provides an administrative and financial infrastructure for the sport. It ensures sufficient funds are available for the training of officials and marshals, for the development of technical skills and training of scrutineers, and to support the rule-making and judicial bodies in general in ensuring that motor sport continues to be conducted in a fair and safe manner.

Today over seven hundred motor clubs are registered with the MSA and cater for the whole range of motor sport activity, from the grass root amateur to the professional elite. These activities include circuit car and kart racing, rallying, rallycross, trials, autotests and a number of other disciplines all operating under the MSA umbrella to ensure fairness, safety and consistency.

At an international level, the MSA is affiliated to the world governing body for four or more wheeled motor sport – the Fédération Internationale de L'Automobile (FIA) – which

Officiel d'Honneur Appointments

The following have accepted the position of Officiel d'Honneur for 2015:

M F L Allison

G H Bailey

W Beattie

I D Bennie

D C Black

K N Blackburn

H T Chapell

R Cottrell

J De Garis

A Foster

T J Hassall

F R Honeywell

N S Manser

W M Patterson

P J Smith

D Staveley

Dr D B Stevens MBE

A R Temple

J B H Wood

B Wright

Motor Sports Council

Prince Michael Award of Merit

The Prince Michael Award of Merit is a prestigious personal award made by the Motor Sports Council to a maximum of two recipients each year by the Motor Sports Council in recognition of meritorious service to British motor sport. Meritorious service encompasses distinguished service or significant contribution to British motor sports; outstanding achievement in British motor sports.

Nomination papers are available from the MSA's General Secretary at Motor Sports House and should be returned completed, before the end of October each year.

Award of Merit Winners

1991 Jack Romain

1992 Tony Bird

**1993 Peter Cooper;
Tony Fletcher**

1994 John Felix; George Hall

1995 Brian Molyneux

**1996 Tom Dooley;
Dick Newsum**

1997 Alec Rivers Fletcher;

Donald Grieve

**1998 Michael Fenwick;
Keith Douglas**

2000 Robert Rae

2002 Tony Reynolds

2004 Ken Walker

2007 Colin Rossborough

2008 Stuart Turner

2009 David Butler MBE

2011 Michael Southcombe

**2013 Colin Hilton;
Ronnie Trouton MBE**

Centenary Award of Merit

1997 Professor Sid Watkins

MOTOR SPORTS ASSOCIATION

U18 POLICY

As the governing body of UK motor sport, the Motor Sports Association is committed to ensuring the welfare, development and education of young participants in motor sport.

Education

- The MSA believes that all young participants (and their parents) should understand the importance of maintaining their education alongside motor sport activities, particularly those students who are legally obliged by their age to continue in full-time education.
- The MSA believes that time taken out of school for the purposes of motor sport activities should be kept to a minimum.
- The MSA believes that the educational development of a young person should always take precedence over motor sport activity.
- The MSA will work with championships and events to avoid potential conflict with educational commitments wherever possible.

Child protection

- The MSA has an obligation to ensure that MSA licensed coaches, instructors and officials provide the highest possible standards of care when given responsibility for young people.
- The MSA provides a Child Protection Policy which includes details on the recruitment, selection, suitability and deployment of individuals working with young people in motor sport.
- The MSA requires that MSA licensed officials who come into contact with minors under 18 years of age during the course of their duties should be in possession of a current Disclosure and Barring Service (DBS) check at enhanced level.
- The MSA has contracted GBGroup to undertake the DBS checking process on its behalf.

Anti-doping

- The MSA believes in the right of competitors to participate in doping-free sport and has adopted the FIA's Anti-Doping Protocols.
- The MSA believes that all licence holders should be aware of the anti-doping commitments they make when signing their licence application form.
- The MSA recognises that Anti-Doping legislation may be difficult for competitors to comprehend and is therefore able to supply licensed competitors with a simplified guide to Anti-Doping legislation.
- MSA Coaches regularly deliver Anti-Doping workshops to competitors in a range of championships.

Go Motorsport

- The MSA is committed to attracting new people to motor sport through the Go Motorsport campaign.
- The MSA has appointed Regional Development Officers (RDOs) to work with clubs and organisations and to spread the motor sport message through presentations to schools and colleges.
- RDOs are also tasked with working with MSA Clubs to assist their development activities
- The MSA does not charge competitors under 16 years of age for their first MSA competition licence.

Official designation

The MSA will designate as 'U18-compliant' those clubs, championships and events that commit to uphold the principles outlined in this MSA U18 Policy.

**Further information is available in the MSA Child Protection Policy from the MSA website or on request directly from the MSA.*





recognises it as the National Sporting Authority (ASN) in Britain.

International events are regulated under the auspices of the FIA's International Sporting Code which is published in the FIA Yearbook of Automobile Sport.

The MSA itself is a not-for-profit company limited by guarantee, ploughing any surplus revenue after tax back into the sport. Its main income is generated by issuing competition licenses for participants and permits for motor sport events and Championships. It is based in modern 1,400 square metre offices at Colnbrook close to London Heathrow Airport, where some 32 full time staff are employed in all aspects of running motor sport in this country.

In addition to licensing 34,000 competitors (many of whom will have attended approved driver training schools), the MSA has over 2,700 licensed officials and over 10,000 registered marshals on its database. It currently issues permits for some 4,700 events each year, carries out safety inspections of around 140 motor sport venues and supports training of an army of volunteer officials.

Over 6,100 marshals and volunteer officials received training last year, funded by the British Motor Sports Training Trust, a registered charity for which the MSA provides Trustees and administration. It also provides administrative support to the Royal Automobile Club under its statutory role for Route Authorisation on the Public Highway under the 1969 Motor Vehicles

(Competitions & Trials) Regulations, and for events off-road under the 1995 Regulations.

The British Championships

The British Championships are run annually for each of the motor sport disciplines. These are governed by MSA Regulations and involve a series of events which take place throughout the year, all under the control of MSA-registered clubs. They culminate in the award of a British Championship Trophy for each discipline, and details of current winners are contained in this book.

The Championships promote and develop excellence in motor sport and enable the best British competitors to reach international competitive standards.

Commercial activities

The MSA delegates its primary commercial activities to a wholly-owned subsidiary, International Motor Sports Ltd. IMS, amongst other activities, organises the British Grand Prix and the International Rally of 'Great Britain, (both currently being rounds of FIA World Championships) and a number of other classic events, the surpluses from which are used to develop the sport.

The MSA also liaises with Sports Councils and similar bodies to assist clubs in securing financial support from Lottery and other central funds to assist with investments, particularly in areas of safety.

PUBLICATIONS, TECHNICAL PAPERS & CLUB EQUIPMENT



Subject to their availability the products and their prices listed below are correct at the time of going to press, but may be changed without further notice.

PUBLICATIONS (VAT zero rated)

MSA Yearbook	£31.00
MSA Kart Race Yearbook	£15.00
MSA Motor Club Manual	£35.00
Motor Vehicles (Competition & Trials) Regulations 1969/74/76	£15.00

CLUB EQUIPMENT (VAT standard rated incl.)

Club Membership cards200 for £23.00
Signing-On Sheets – Competitors/OfficialsFOC available on website
Signing-On Sheets – MediaFOC available on website
“Prohibited Area” rigid PVC warning signsper pack of 5 £52.00
“Motor Sports Can Be Dangerous” rigid PVC warning signper pack of 5 £52.00

TECHNICAL PAPERS (VAT zero rated, except † = standard rate)

MSA Rollcage Certificate – Official Copy	†each £25.00
MSA Historic Rally Vehicle Identity Form Registration	†£86.00
MSA Competition Car Log Book (payable to Inspecting Scrutineer)	£39.00
MSA Homologation Fiche (Kart)	†each £22.00
FIA Historic Technical Passport Application (excluding Registration Fee)	†each £340.00
FIA Current Homologation Papers for any UK car	†each £66.00
FIA Current Homologation – Extension of any UK car	†each £42.00
FIA Homologation Papers for any non UK car	†each £66.00
FIA Current Homologation – Extension for any non UK car	†each £42.00
FIA Lapsed Homologation Papers for any UK car	†each £42.00
FIA Lapsed for any non UK car	†each £42.00

† Overseas orders are subject to an additional delivery charge

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Purchase on-line from www.msauk.org

Who's Who at the Motor Sports Association

The Council is largely made up of the chairmen of the MSA's individual committees, as well as the MSA Chairman and CEO. Its Executive is the MSA, run through a Board of non-executive directors and a full-time executive of some 36 staff. Details of Council members invited to serve these bodies for 2015 are given below.

The Board

Chairman: Alan Gow

Directors:

- *Simon Blunt*
- *Dennis Carter*
- *Danesh Gangahar*
- *Christine Gaskell MBE*
- *Alan Gow*
- *Tim Jackson*
- *Rob Jones*
- *Nicky Moffitt*
- *Rod Parkin*
- *Tom Purves*
- *Peter Read*
- *Tony Scott Andrews*
- *Mike Sones*

Company Secretary:

- *Simon Blunt, Solicitor*



The Executive

Chief Executive:
Rob Jones, Solicitor

General Secretary:

- *Simon Blunt*

Director of Training and Education

- *Allan Dean-Lewis MBE*

Assistant to Chairman and Chief Executive

- *Margaret Forrest*

Financial and Operations Director:

- *Danesh Gangahar FCCA*

Technical Director

- *John Symes BSc, CEng, MIMechE*

Marketing and Communications Director

- *Ben Taylor*



Office Services Manager

- *Sheila Barter*

Autotest, Cross Country, Regional, Rally and Trials Executive

- *Ian Davis*

Competitions & Clubs Manager

- *Simon Fowler*

Race and Speed Executive

- *Cheryl Lynch*

Secretary to the Council

- *Andrea Richards*

Technical Executive

- *John Ryan MIET*

Legal Council and Disciplinary Officer

- *Richard Vincent-Smith, Solicitor*

Competitors & Officials Licensing Manager

- *Michael Wentworth*

The Council

Chairman: Tony Scott Andrews

President

- *HRH Prince Michael of Kent GCVO*

Honorary Vice-Presidents

- *Michael Southcombe*
- *Ronnie Trouton MBE*

Honorary Member:

- *Graham Stoker*

Members:

- *Mike Broad*
- *Henry Cambell* (Northern Ireland)
- *Dennis Carter*
- *Bernard Cottrell* (Chairman – Volunteer Officials Advisory Panel)
- *Simon Durling* (Chairman – Speed Events Committee)
- *Nigel Edwards* (Chairman – Kart Committee)
- *Alan Gow*
- *Roger Hill* (Chairman – Safety Advisory Panel)



- *Andrew Kellitt* (Chairman – Rallies Committee)
- *David Lapworth* (Chairman – Technical Advisory Panel)
- *Paul Loveridge* (Wales)
- *Bruce Lyle* (Scotland)
- *Nicky Moffitt* (Chairman – Regional Committee)
- *Richard Norbury* (Chairman – Judicial Advisory Panel)
- *Rod Parkin* (Chairman – Historic Committee)
- *Nick Pollitt* (Chairman – Trials Committee)
- *Dr Philip Rayner* (Chairman – Medical Advisory Panel)
- *Derek Redfern*
- *Gethin Rees* (Chairman – Timekeeping Advisory Panel)
- *Mike Sones* (Chairman – Autotest Committee)
- *Steve Stringwell*
- *Chris Tomley* (Chairman – Cross Country Committee)
- *Ian Watson* (Chairman – Race Committee)

The Committees

Autotest

Mike Sones (Chairman), Nic Ayre, Mike Bliss, Keith Boyd, David Cook, Steve Johnson, Alistair Moffatt.

Cross Country

Chris Tomley (Chairman), Robbo Aliperti, Dave Barker, Simon Cooper, Ian Culbert, Dan Evans, Andrew Flanders, Stephen Mitchell, Roger Reed (Regional Committee), Karl Reilly.

Historic

Rod Parkin (Chairman), Bob Berridge, Alan Elliott, Lorraine Gatherole, Martyn Halliday, John Hopwood, Richard Parnell, Duncan Rabagliati, Mike Stripe, Grahame White, Paul Wignall.

Kart Committee

Nigel Edwards (Chairman), Russell Anderson, Carol Blanchard, Gary Chapman, Malcolm Fell, Paul Fullerton, Harry Heath, Chris Pullman, Ian Rushforth, John Ryan, Ron Shone, Danielle Short, Graham Smith.

Race

Ian Watson (Chairman), Bernard Cottrell (BRSCC), Sandy Denham, Robert Gammage, Chris Hobson (BMMC), Keith Martin, Chris Norman, Paul Oakley, Tom Onslow-Cole, Jonathan Palmer (AMRCO), Richard Peacock (ARDS), Jason Plato, Peter Riches, Grahame White.

Rallies

Andrew Kellitt (Chairman), Jon Cordery, Nathan Crewe, Matt Endean, Dorian Evans, Geoff Field, Phil Foster (Regional Committee), Andy Gilmore, Bill Gwynne (BARS), Sasha Heriot, John Hopwood, Bryan Hull, Shaun Martin, Steve Perez, Sue Sanders, Dave Weston, Chrys Worboys.

Regional

Nicky Moffitt (Chairman), John Arnold (AWMMC), Ian Beech (ANEMMC), Stephen Castle (ACSMC), Martin Chinnery (ASEMC), Tony Clements (AEMC), Alan Elliott (ANICC), Geoff Field (WAMC), Phil Foster (EMAMC), Lock Horsburgh (SACC), Bob Milloy (ANWCC), Paul Parker (ASWMC), Roger Reed (SACC), Mrs Ronnie Sandham (ANECCC), Chris Woodcock (ANCC), Colin Wright (ABkC).

Speed

Simon Durling (Chairman), Matt Endean, Philip Evans, Drew Furlong, Raymond Mann, Paul Parker, Darren Prentice, Vernon Williamson.

Trials

Nick Pollitt (Chairman), Martyn Halliday, Mike Jones, Simon Kingsley, Barrie Parker (BTRDA), Duncan Stephens, Dudley Sterry (MCC), Josh Veale, Richard Winchester (VSCC), Simon Woodall (ACTC).

Advisory Panels

Judicial

Richard Norbury (Chairman), Bradley Ellis, Neil Hanson, David Prosser, Richard Rainbow, David Scott, David Simons, Rick Smith, Rod Taylor.

Medical

Dr Phil Rayner (Chairman), Dr Mark Broadhurst, David Butler FCA MBE, Dr Peter Dorrington Ward, Dr Mark Green, Dr Bill Hulse, Prof Peter Hutchinson, Dr Michael Johnson, Dr David McManus, Dr Stephen Morley, Dr Paul Oldershaw, Dr Ian Roberts, Mr John Scurr, Prof David Spalton, Dr Paul Trafford, Mr Ken Walker, Nigel Wells.

Safety

Roger Hill (Chairman), Russell Anderson, John Felix, Tom Onslow-Cole, Richard Rainbow, John Richardson, Gary Thompson MBE BEM (ACU), David Thomson (AMRCO), Derek Warwick.

Technical

David Lapworth (Chairman), Peter Clingan, Alan Cornock, Mike Garton, David Gould, John Griffiths, Mike Harris, Paul Loveridge, Chris Mount, Peter Riches, John Ryan, Dr Pat Symonds.

Timekeeping

Gethin Rees (Chairman), John Davison, Colin Haywood, David Jones, David Morley, Gary Nicholls, Ian Rogers, Michael Salmon, Ian Sharp, Rob Walker.

Volunteer Officials

Bernard Cottrell (Chairman), Jon Cordery, John Felix, Chris Hobson, Bob Lentell, Chris Mount, Gethin Rees, Sue Sanders, Ian Watson.

Sub-Committees

Autocross & Rallycross

Matt Endean (Chairman), David Bellerby, Raymond Mann, Ted O'Day, Richard Wakeling, William Woods.

Dragster

Philip Evans (Chairman), Chris Hobson, Darren Prentice, Paul Satchell, Robin Shone, Glenn Stockton.

Sprint & Hill Climb

Vernon Williamson (Chairman), Nicholas Algar, Martin Chinnery (Regional Committee), Ben Hamer, Jason Hayes, Barry Morris, Paul Parker, Michael Shorley, Phil Short, David Swinton, Roger Thomas, John Weedon, Tim Wilson.

Kart Technical

John Ryan (Chairman), Iain Blair, Dan Carter, Nigel Edwards, Phil Featherstone, Tim Gillard, Paul Klaassen, Kelvin Nicholls, George Robinson, Graham Smith (ABKC), Alan Turney.

UK Representatives at the FIA

Graham Stoker	Deputy President Sport
Michael Beloff QC	International Court of Appeal
Dennis Carter	GT
Terry Cox	Truck Racing
Allan Dean-Lewis MBE	Volunteers & Officials, Institute of Audit, Finance and Governance Committee
Philip Evans	Drag Racing
Fred Gallagher	Cross Country Rally
Edwin Glasgow QC	International Tribunal
Alan Gow	Touring Car
David Grace	Hill-Climb
Cheryl Lynch	Off-Road
Rod Parkin	Historic Motor Sport
Dr Phil Rayner	Medical
Robert Reid	WRC
John Ryan	Homologation, Regulations Single Seater
Sue Sanders	Women in Motorsport
Tony Scott Andrews	International Court of Appeal
John Symes	Circuits
David Tremayne	Land Speed Records
David Lapworth	Electric & New Energy Championships
Nigel Mansell CBE	Drivers
Colin Hilton	Institute Executive Committee, Institute of Audit, Finance and Governance Committee ASN Development Task Force
Russell Anderson	International Karting (CIK)
Mike Broad	Rally
Ian Davis	Closed Roads

(As at time of publication)



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Regional Structure

The MSA provides guidance and support to its member clubs through a network of 13 Regional Associations who act as the first port of call for anyone starting in the sport.

ACSMC

Association of Central Southern Motor Clubs

Website: www.acsmc.com

Secretary: Mike Cawthra, 23 Kingsley Avenue, Camberley, Surrey, GU15 2NA.

☎ (h) 01932 249 987. E-mail: cawthrm@airproducts.com

Chairman & Regional Delegate: Steve Castle, 126 Byfleet Rd, New Haw, Addlestone, Surrey, KT15 3LE. ☎ (h) 01932 705 852 E-mail: steve@acsmc.com



Member Clubs

750 MC
All Wheel Drive Club
BARC (Midlands)
BARC (South Eastern)
BARC (South West Centre)
Basingstoke MC
Bath MC
Bentley Drivers Club
Bexley LCC
Blackpalfrey MC of Kent
Bognor Regis MC
Borough 19 MC
Bournemouth & District CC
Brighton & Hove MC
Bristol Pegasus MC
Burnham-on-Sea MC
Camberley Kart Club
Cambridge CC
Central Sussex MC
Chelmsford MC
Cheltenham MC
Cirencester CC
Classic Touring Car Racing Club
Cleeve Motor Sport Club
Club LanciaSport
Club Mallory
Cranleigh MC
Craven MC
Croydon & District MC
CSMA (Central Southern)
Devizes & District MC
Dolphin MC (Newbury)

Downton Engineering Works
Social Club
Eastbourne & Ram MC
Exeter MC
Falcon MC
Farnborough District MC
Formula Junior Historic
Racing Association
Four Wheel Drive Club
Goodwood Marshals Club
Green Power Educational Trust
Guildford MC
Hants & Berks Land Rover OC
Hants & Berks MC
Harrow CC
Herts County Auto & Aero Club
Hillclimb & Sprint Association
Historic Lotus Club
Isle of Wight CC
Isle of White 4x4 Club
Jersey MC & LCC
Kidderminster CC
London CC
London Irish MC
Maidstone & Mid Kent MC
Masters Racing Club
MGCC (South East)
Mid Thames CC
Middlesex County AC
Mini Cooper Register
North Devon MC
N.W.MC

Oxford MC
Plymouth MC
Premier Marshals Group
Quinton MC
Reliant Sabre & Scimitar OC
Renault Alpine Owners Club
Rochester MC
Sevenoaks & District MC
South Hams MC
South Wales AC
Southern CC
Southern Counties ORC
Southsea MC
Sporting Car Club of Norfolk
Sporting Fiats Club
Stratos Enthusiasts Club
Sutton & Cheam MC
Tavern MC
Thame Motorsport Club
Torbay MC
Tunbridge Wells MC
Vintage Sports CC
Volvo Owners' Club
Wessex MC
West Essex CC
Westfield Sports CC
Weston-super-Mare MC
Wickford AC
Windsor CC
Witney MC
Woolbridge MC

Championship Co-ordinators

Autocross: TBA

Autotest: Peter Cox, 19a Oxford Street, Lambourn, Hungerford, Berks RG17 8XS
☎ (h) 01488 72027 E-mail: autotest@acsmc.com

Stage Rallies: Barry Guess. 8 Bethel Lane, Upper Hale, Farnham, Surrey. GU9 0QA. ☎ (h) 01252 727390
E-mail: stagerally@acsmc.com

Speed: Dave Whyman, Hendford, Leatherhead Road, Great Bookham, Surrey KT23 4RR
☎ 07831-671308 E-mail: speed@acsmc.com

OS maps: 173-5, 184-7, (to A23), 195-8 (to A23).

AEMC

Association of Eastern Motor Clubs

Website: www.aemc.org.uk

Secretary & Regional Delegate: Mr Brian Hemmings, 2 Davidson Close, Sudbury, CO10 0YU

☎ (h) 01787 377 480 ☎ (m) 0770 383 0704 E-mail: secretary@aemc.org.uk or bhemmings18@btinternet.com

Chairman: Mr Gary Nicholls, 84 Totnes Walk, Chelmsford, Essex, CM1 6LU

☎ (h) 01245 387 898 ☎ (m) 07895 040 441 E-mail: garynicholls@gmail.com

Member Clubs

Anglia Motor Sport Club
BARC (Midlands)
Bexley LCC
Blue Light Offroad Club
BMW Car Club GB
Borough 19 MC
Bournemouth & DMC
Cambridge CC
Chelmsford MC
Club Rallysport West
Central Sussex MC
CSMA Club (North London)

Dukeries MC
Eastbourne & Ram MC
Eastern Counties MC
Green Belt MC
Harrow CC
Herts County A & A C
Kings Lynn & DMC
Maidstone & Mid Kent MC
Mid-Derbyshire MC
Middlesex County AC
Minicross Drivers Association
Mostly Off Road of Norfolk

Peterborough MC
RAFMSA
Rochester MC
Sevenoaks & District MC
Southern Car Club
Sporting Car Club of Norfolk
Sutton & Cheam MC
Tunbridge Wells MC
West Essex CC
West Suffolk MC
Wickford AC

Championship Co-ordinators

Autocross John White, Wendycot, Chelmsford Road, Hatfield Heath, Bishops Stortford, Herts. CM22 7BH.
☎ (h) 01279 731039 ☎ (b) 01279 730274 E-mail: john@jewhitmotors.co.uk

Stage Rallies Paul Barrett. ☎ (h) 01245 290 902 ☎ (m) 07771 976 761 E-mail: paulbarrett@chelmsfordmc.co.uk

Sprint Chris Deal, 209 Latymer Road, Lower Edmonton, London N9 9PN.
☎ 07833 086780 E-mail: chris.deal@greenbeltmc.f9.co.uk

OS maps: 132, 133, 134, 143, 144, 153-6, 166-9, 178 (North)

ATTENTION!

**Rally cars
move quickly
and may:**

- Run wide on corners
- Cut across corners
- Leave the road
- Throw up stones
- Do what you least expect



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Regional Structure

ANCC

Association of Northern Car Clubs

Website: www.ancc.co.uk

Secretary: Karen J Humphries, 152 Green Lane, Cookridge, Leeds LS16 7JQ

☎ (m) 07802 833404 E-mail: karen.humphries@ancc.co.uk

Chairman & Regional Delegate: Mr Chris Woodcock, 234 Shear Brow, Blackburn, Lancashire, BB1 8DS

☎ (h) 01254 681350 ☎ (m) 07973 830695 E-mail: pdschris@aol.com



Member Clubs

2300 Club	Fed.of British Police MC	Northallerton AC
Accrington MSC	Furness & DMC	Northern Off Road Club Ltd
Airedale & Pennine MC	Garstang & Preston MC	Pendle District MC
Alwoodley MC	Glossop CC	Pennine Rescue
Auto 66 Club	Hadrian MSC	RAF Rescue
Autonomy MC	Hartlepool & DMC	Ripon MSC
BARC(Yorks.)	Historic Rally Car Register	Roger Albert Clark MC
Beverley & DMC	Huddersfield MC	Rotherham & DMC
Blackpool South Shore MC	Ilkley & DMC	SD(34) Motor Sport Group
Bolton le Moors CC	Kirkby Lonsdale MC	Selby & DMC
Border MC	Knutsford & DMC	Sheffield & Hallamshire MC
British Motorsport Marshals	Lancashire AC	Slaithwaite MC
BRSCC(N)	Lincoln Motor Cycle & Car Club	Spadeadam MC
Bury AC	Lincolnshire Kart RC	Stockport 061 MC
Calder Rescue	Lincs Louth MC	Stockton & DMC
Carlton & DMC	Lindholme MSC	Streetley MC
Clitheroe & DMC	Liverpool MC	Trackrod MC
CSMA (NW)	Mablethorpe & DMC	Tynemouth & DMC
Darlington & DMC	Malton MC	Wakefield & DMC
David Brown S & SC	Manx Autosport Club	Wallasey MC
De Lacy MC	Matlock MC	West Cumbria MSC
Dukeries MC	Mid Derbyshire MC	Whickham & DMC
Durham AC	Morecambe CC	Whitby & DMC
Eastwood & DMC	Motor Sport NW	Wigan & DMC
Ecurie Royal Oak MC	Northern Phoenix	York MC
Eden Valley MC	North Humberside MC	Yorkshire Off Road Club
		Yorkshire SCC

Recognised groups

SD(34) Motor Sport Group

Championship Co-ordinators

Stage Rallies: Paul Slingsby, Wharfedene, Ben Ryhdding Drive, Ilkley LS29 8BG

☎ 01943 605239 E-mail: stage.rally@ancc.co.uk

Road Rallies: Ian Gibbins, 102 Hillcrest Drive, Molescroft, Beverley, East Yorkshire. HU17 7HL

☎ 01482 864092 E-mail: road.rally@ancc.co.uk

Autotests: TBA

E-mail: autotest@ancc.co.uk

Car Trial: John Spencer, 43 Cookridge Drive, Cookridge, Leeds LS16 7HP

☎ 01132 677234 E-mail: jrspencer@talk21.com

4x4: Dave Barker, 2 Huby Banks, Huby, Leeds, West Yorkshire LS17 0AH

☎ 01423 734412 E-mail: davewbarker@virgin.net

OS Maps 97/101, 102/107, Top half of 109, 110/111 (to 120) & 94 (Forests)

ANECCC

Association of North East & Cumbria Car Clubs

Website: www.aneccc.co.uk

Secretary: Mr Ian Dixon, 7 Fir Terrace, Esh Winning, Durham DH7 9JQ

☎ (h) 0191 373 1872 ☎ (m) 07581 685887 E-mail: red3zero@gmail.com

Chair & Regional Delegate: Mrs Ronnie Sandham, 9 Coniston Road, Bolton-Le-Sands, Carnforth,

Lancashire LA5 8LQ ☎ (h) 01524 822 574 ☎ (m) 0777 800 7044

E-mail: rsandham7@gmail.com



Member Clubs

Alnwick & DMC
BARC (Yorks)
Berwick & DMC
Border Ecosse CC
Cramlington & DMC
CSMA (North-East Group)
Cumbria Sporting CC
Darlington & DMC
De Lacy MC
Durham AC
Eden Valley MC

Federation of British Police Motor Clubs
Furness & DMC
Hadrian MSC
Hartlepool MC
Hawick & Border CC
Hexham & DMC
Kirkby Lonsdale MC
Malton MC
Morecambe CC
Mull CC
Northallerton AC
North Humberside MC

North Lakes 4X4 Club
Ripon MSC
Roger Albert Clark MC
South of Scotland CC
Spadeadam MC
Stockton & DMC
Tynemouth & DMC
West Cumbria MSC
Whickham & DMC
Whitby & DMC
Wigton MC
York MC

Championship Co-ordinators

Autocross: Mr Grahame Hall E-mail: hrallydriver@aol.com

Autotest: Mr Tom Hall E-mail: group2fps@btconnect.com

Navigational Rally: Mr Mike Rowe E-mail: mike@mikerowe.orangehome.co.uk

SG Petch Stage: Mr Colin Tombs E-mail: colintombs@sky.com

A.S.Performance Mr David Shield E-mail: davidshield@sky.com

North of England

Tarmac Stage:

OS maps: 74-5, 79, 80, 85 (all to border); 81, 86, 87, 88, 89, 90, 91, 92, 93, 94 (to 100), 101 (roads only); 96 (West to border)

ANEMMC

Association of North East Midland Motor Clubs

Website: www.anemmc.org

Secretary: Avril Clarke, 7 Moorwell Road, Bottesford, Scunthorpe,

North Lincolnshire DN17 2RP ☎ (h) 01724 342821

Chairman: Mr Gerry Blythe, Lekeburn, 27 Kenwick Road, Louth LN11 8EH

☎ (h) 01507 606981 E-mail: gerry@sbylthe.freemove.co

Regional Delegate: Mr Ian Beech, 11 Lugano Grove, Darfield, Barnsley S73 9RG

☎ (h) 01226 758774 E-mail: ian-beech@tiscali.co.uk



Member Clubs

Beverley & District MC
Border MC
Bourne Motor Club
Buccaneer MSC
Clowne & DMC
Clitheroe & DMC
Carlton & DMC
Coalville CC
David Brown MSC
De Lacy MC
Dukeries MC
East Elloe MC
Eastwood & DMC
Ecurie Royal Oak MC

Grantham Poachers MC
Grimsby MC
HRCR
Ilkley & District MC
Kings Lynn & DMC
Lincoln MC & CC
Lincolnshire Louth MC
Lindholme MSC
Loughborough CC
Mablethorpe & District MC
Malton MSC
Matlock MC
Mercia MSC
Mid Derbyshire MC

North Humberside MC
Peterborough MC
Ripon MSC
Rotherham MC
Selby & DMC
Sheffield & Hallamshire MC
Slaithwaite MC
Sporting CC of Norfolk
Trackrod MC
Viking 4 Wheel Drive Club
Wakefield & DMC
West Essex CC
Workshop & DMC

Championship Co-ordinators

Stage Rallies: John Hickling, 18 Philip Avenue, Nuthall, Nottingham NG16 1EA
☎ (h) 0115 938 4601 E-mail: john.hickling1@ntlworld.com

Road Rallies: Dave Broadley, Woodcot, Snarford Bridge, Welton Hill, Lincoln LN2 3RD
☎ 01673 885684 E-mail: lastminuterallying@hotmail.com

OS maps: 112-3, 121-2, 130-1, 142

Regional Structure

ANICC

Association of Northern Ireland Car Clubs

Association Email: www.anicc.org.uk

Secretary & Regional Committee Chairman: Mr Nicky Moffitt, 34 Jersey Avenue, Lisburn, Co. Antrim BT27 4BJ ☎ (h) 02892 663110 ☎ (b) 07802 242 727

E-mail: nmoffitt@btopenworld.com

Chairman: Mr Henry Campbell, 138 Dunvale, Ballymena, Co. Antrim BT43 6NZ

☎ 028 2564 6231 ☎ (m) 078 0159 8525 E-mail: henry@haganhomes.co.uk

Vice-Chairman & Regional Delegate: Alan Elliott, 13 Address West Road, Loughgall, Co. Armagh BT61 8LH ☎ 028 3885 1814 E-mail: elliott371@btinternet.com



Member Clubs

500 MRCI

Autotest Drivers Club (NI)

Ballynahinch & DMC

British Motorsport Marshals Club

Coleraine & DMC

Cookstown MC

Dungannon MC

Enniskillen MC

Four Wheel Drive Club Northern Ireland

Larne MC

Lough Neagh Car & Tarmac Rally Marshals Club Ltd

MG Car Club Ltd (Ulster)

Magherafelt & District MC

Maiden City MC

Mid Antrim Motor Club Ltd

Minis of Northern Ireland

Motorsport Marshalling Partnership

Newry & District MC

North Armagh MC & CC

North Ulster MC

Northern Ireland Land Rover Club

The Northern Ireland MC

Omagh Motor Club

Peak Performance MC

Police Motor Club (NI)

Queens University Belfast Motor Club

Rathfriland MC

Sporting Trials CC

Strode NI

Thoroughbred Sports CC NI

Triumph Sports Six Club

Ulster Automobile Club

Ulster Vintage Car Club

Championship Co-ordinators

Autotests: Keith Boyd, 11 Erne Marine, Bellanaleck Quay, Enniskillen, Co Fermanagh BT92 2BA

☎ (h) 028 6634 8353 ☎ (b) 028 6632 5757 ☎ (m) 078 9008 7264

E-Mail: autotest@utvinternet.com

Hill Climbs: Conor Lavery, 196 Upper Malone Road, Belfast BT17 9JZ

☎ 028 9061 1533 ☎ (m) 078 6798 8688 E-mail: hillclimb@anicc.org.uk

Navigation Rallies: Ciaran Carey, 51 New Forge Road, Magheralin, Craigavon, Co Armagh BT67 0QL

☎ (m) 077 3647 2565 E-Mail: ciarancarey@hotmail.co.uk

Racing: Richard Young, 500 Motor Racing Club of Ireland, Kirkistown Race Circuit, Rubane Road, Kircubbin, Co. Down BT22 1AU

☎ (b) 028 4277 1325 E-mail: richard@kirkistown.com

Sprints : Ian Howard, 3A Ballylisk Lane, Tandragee, Co Armagh BT62 2NA

☎ (m) 077 1504 6155 E-mail: motorsportlogistics@yahoo.co.uk

MSA NI Bob McKeown, 22 Annaghone Road, Stewartstown, Co Tyrone BT71 5PH

Stage Rally: ☎ (h) 028 8676 3828 ☎ (m) 078 6625 3696 E-mail: bobmckeown@gmail.com

OS maps: 1 - 29

ANWCC

Association of North Western Car Clubs

Website: www.anwcc.org

Secretary: Mark Wilkinson, 74 Haslington Road, Ashway Park, Manchester M22 5HU

☎ ((h) 0161 437 6425 ☎ (m) 07879 657 580 E-mail: anwcc@stockport061.co.uk

Chairman & Regional Delegate: Bob Milloy, Laburnum Cottage, Hincaster, Milnthorpe, Cumbria LA7 7ND

☎ (h) 01539 560773 ☎ (m) 07880 612 298 E-mail: milloybob@yahoo.co.uk



Member Clubs

116 Car Club
118 Car Club
2300 Motor Club
Aberystwyth & District Motor Club
Accrington Motor Sports Club
Aintree Circuit Club
Airedale & Pennine Motor Club
Alwoodley Motor Club
Anglesey Circuit Club
Austin-Healey Club (Northern)
Bala & District Motor Club
Barcud Motor Club
Blackpool (South Shore) Motor Sports Club
BMW Car Club GB
Bolton-le-Moors Car Club
British Automobile Racing Club (North-West Centre)
British Racing & Sports Car Club (North-West Centre)
British Radio Car Association
British Rally Marshals Club
Broughton & Bretton Motor Club
Buccaneer Motor Sports Club
Bury Automobile Club
Buxton & District Land Rover Club
Caernarvonshire & Anglesey Motor Club
Cannock & District Car Club
Chester Motor Club
Civil Service Motoring Association (North-West)
Clitheroe & District Motor Club
Clwyd Vale Motor Club Ltd
Cumbrian Rover Owners Club
David Brown Social & Sports Club (Motorsport Division)
Dovey Valley Motor Club (1995)
Druidale Motor Club
Ecurie Royal Oak Motor Club

Epynt Motor Club
Fell Side Automobile Club
Formula 1000 Rally Club
Fylde Motor Sports Club
Garstang & Preston Motor Club
Glossop & District Car Club
Glossop & District 4x4 Group
Hagley & District Light Car Club
Harlech & District Motor Club
High Moor Motor Club (Oldham)
Hillclimb & Sprint Association
Historic Rally Car Register
Huddersfield Motor Club
Ilkley & District Motor Club
Kidderminster Motor Car Club
Kirkby Lonsdale Motor Club
Knowldale Car Club
Knutsford & District Motor Club
Lampeter & District Motor Club
Lancashire Automobile Club
Lancashire & Cheshire Car Club
Lancashire & Cheshire Rovers Owners Club
Lightning Motor Sports Club
Lindholme Motor Sports Club
Liverpool Motor Club
Long Mynd Motor Club
Longton & District Motor Club
Manx Auto Sport
Manx Motor Sports Marshals Association
Matlock Motor Club
MG Car Club Ltd (North-West)
Mid-Cheshire Motor Racing Club
Mid-Derbyshire Motor Club
Mini Cooper Register
Morecambe Car Club
Morgan Sports Car Club
Motor Sport (North-West)
Mull Car Club

Newtown & District Automobile Club
North Wales Car Club
Owen MC
Pendle District Motor Club
Port Talbot Motor Club
Potteries & Newcastle Motor Club
Principality AC
Quinton Motor Club
RAFMSA
Rallying with Group B
Rhyl & District Motor Club
Ripon Motor Sport Club
Rotating Ferrets Motor Club
SD34 Motor Sport Group
Selby & District MC
Sheffield & Hallamshire Motor Club
Sixty & Worcestershire Motor Club
Slaitwhaite Motor Club
Spadeadam Motor Club
Stockport 061 Motor Club
Stockton & District MC
Teifi Valley Motor Club
Telford Automobile Club
Three Castles Motor Club
Trackrod Motor Club
Tregaron & District Motor Club
Under 17 Motor Club North-West
Wallasey Motor Club
Warrington & District Motor Club
Welsh Border Car Club
West Cumbria Motor Sport Club
Westfield Sports Car Club
Westmorland Motor Club
Whitchurch Motor Club
Wigan & District Motor Club
Wigton Motor Club
Wolverhampton & South Staffordshire Car Club
Wormhough 4x4 Club

Championship Co-ordinator:

Dave Thomas, 11 Maes Canol, Llandudno Junction LL31 9UX

☎ (h) 01492 584872 ☎ (m) 07788 995345 E-mail: anwcc@talktalk.net

OS maps: 108 & Southern Half 109, Eastern Half 115, 116-8

Regional Structure

ASEMC

Association of South Eastern Motor Clubs

Website: www.asemc.org.uk

Secretary: Mr Barry Morris, 27 Sturmer Court, Kings Hill, West Malling, Kent, ME19 4ST

☎ (h) 01732 875 253 E-mail: barrymorrisuk@gmail.com

Chairman: Mr David Town, 14 Butt Field Road, Singleton, Ashford, Kent TN23 5EF

☎ (m) 07941 151786 E-mail: towndt@yahoo.com

Regional Delegate: Mr Martin 'Chin' Chinnery, 36 Churchside, Vigo, Kent DA13 0SJ

☎ (h) 01732 823132 ☎ (w) 0208 6916221 E-mail: chin@btinternet.com



Member Clubs

500 Owners Association

750 MC

Alfa Romeo O C

Anglian Land Rover Club

BARC (South Eastern)

BARC (Midlands)

Bexley Light CC

Blackpalfrey MC of Kent

Bognor Regis MC

Borough 18 MC

Borough 19 MC

British Motor Sport Marshals Club

BRSCC (South Eastern)

Buckmore Park KC

Central Sussex CC

Chelmsford MC

Classic Marques Sporting CC

Classic Touring Car Racing Club

Club Time Attack

CSMA

Competition Off Road South East

Croydon & DMC

Downton Engineering Works Social Club

Eastbourne & Ram MC

Endurance Rally Association

Falcon Motor Club

Green Belt MC

Guildford MC

Harrow CC

Herts County Auto & Aero Club

MG Car Club South East Centre

Maidstone & Mid Kent MC

North West Kent Motor Club

Rochester MC

Sevenoaks & DMC

South East Motor Sports

Enthusiasts Club

Southern CC

Southern Rover OC

Sporting Car Club of Norfolk

Sporting Trials.com

Sutton & Cheam MC

Tunbridge Wells MC

West Essex CC

Wickford Auto Club

Championship Co-ordinators:

Autocross: Nic Ayre, 6 Rosecroft Road, Ipswich, Suffolk IP1 6PA

☎ 01473 747935 E-mail: nic@aswmc.org

Autotest: Chris Judge, 66 Oliver's Mill, New Ash Green, Kent DA3 8RF

☎ (h) 01474 873 628 ☎ (m) 07765 663 258 E-mail: judgece66@aol.com

Speed: Chris Judge, 66 Oliver's Mill, New Ash Green, Kent DA3 8RF

☎ (h) 01474 873628 ☎ (m) 07765 663258 E-mail: judgece66@aol.com

Car Trial: Chris Judge, 66 Oliver's Mill, New Ash Green, Kent DA3 8RF

☎ (h) 01474 873628 ☎ (m) 07765 663258 E-mail: judgece66@aol.com

Stage Rally: Paul Barrett, 3 Prykes Drive, Chelmsford, Essex CM1 1TP ☎ (h) 01245 290902

☎ (m) 07771 976761 E-mail: paulbarrett@chelmsfordmc.co.uk

OS maps: 177 (South half), 178 (South half), 179, 187, 188, 198 (East of A23), 199

ASWMC

Association of South Western Motor Clubs

Website: www.aswmc.org.uk

Secretary: Mark Chater, Sunnybank, Vatingstone Lane, Alverton,

South Gloucestershire BS35 3JS

E-mail: secretary@aswmc.org.uk

Chairman & Regional Delegate: Paul Parker, 52 Brendon Road, Portishead, Bristol BS20 6DH

☎ (h) 01275 843478 ☎ (m) 07710 516 758 E-mail: chairman@aswmc.org.uk



Member Clubs

750 MC	Downton Engineering Works Social Club	Road Rally Register
Amman & DMC	Ecurie Cymraeg	Ross & District MSL
BARC (SW)	East Devon Off Road Club	Salisbury & Shaftesbury CC
BARC (Wales)	EMCOS	Sevenoaks & District MC
Basingstoke MC	Epynt MC	Silverton MC
Bath MC	Exeter MC	Sixty & Worcestershire MC
Bexley LCC	Exmouth MC	South Devon Off Road Club
Bournemouth & DCC	Farnborough DMC	South Hams MC
Bridgend AC	Forest of Dean MC	SWAC
Bristol MC	Forresters CC	Southern CC
Bristol Pegasus MC	Heads of the Valleys AC	Southsea MC
Brighton & Hove MC	Herefordshire MC	Stroud & DMC
Burnham on sea MC	Hillclimb & Sprint Association	Sutton & Cheam MC
Camel Vale MC	Holsworthy MC	Swansea MC
Carmarthen MC	Jersey MC & LCC	Taunton MC
Castle Combe Racing Club	Launceston North Cornwall MC	Tavern MC
Central Sussex MC	MGCC (Devon & Cornwall)	Torbay MC
Cheltenham MC	MGCC (SW)	TR Register
Cirencester CC	Maesteg & DMC	Truro & DMC
Classic SCC	Midland AC	Volvo OC
Cleeve Motorsport Club	Minehead MC	Westfield SCC
Club Rallysport West	Mini Cooper Register	Weston-super-Mare MC
Cornwall & Devon LRC	Motor Cycling Club	White Horse MC
Crash Box & Classic CC	Newquay AC	Windwhistle MC
Craven MC	North Devon MC	Witney MC
CSMA (Southern)	Oxford MC	Woolbridge MC
Devizes & DMC	Plymouth MC	Yeovil MC
Dolphin MC	Port Talbot MC	Ystrad Mynach MC

Championship Co-ordinators

Autocross:	Colin Anderson, 35 Haydons Park, Honiton, Devon EX14 2TA ☎ (h) 01404 41535 ☎ (m) 07813 769213 E-mail: autocross@aswmc.org.uk
Hillclimbs & Sprints:	Roy Sims, Rohan, Totnes Road, Ipplepen, Newton Abbott, Devon TQ12 5TN ☎ (h) 01803 813703 E-mail: speed@aswmc.org.uk
Road & Stage Rallies:	Alan Whitney, 1 Pulleys Close, Aveton Gifford, Kingsbridge, Devon TQ7 4JE ☎ (h) 01548 559169 E-mail: rally@aswmc.org.uk
Autotests:	Ernie Bures, 120 Ivy Avenue, Bath, BA2 1AN ☎ (h) 01225 331126 E-mail: autotest@aswmc.org.uk
Classic Trials:	Dan Glover, Westerley, Venn Mills, Buckland Brewer, Bideford, Devon EX39 5NJ ☎ (h) 01237 451374 ☎ (m) 07778 507774 E-mail: classictrials@aswmc.org.uk
Car Trials:	Brian Alexander, Westerley, Marham Church, Bude, Cornwall EX23 0ET ☎ (h) 01288 381058 E-mail: trials@aswmc.org.uk
Sporting Trials:	Duncan Stephens, Heath Barn, Whittington, Kinver, Stourbridge, Gloucester DY7 6PB ☎ (h) 07801 281053 E-mail: sporting@aswmc.org.uk

OS Maps: 172, 180-3, 190-4, 200-4

Regional Structure

AWMMC

Association of West Midland Motor Clubs

Website: www.awmmc.org.uk

Secretary & Regional Delegate: John Arnold, 'Canalside', Longdon Wharf,
Longdon-upon-Tern, Shropshire TF6 6LQ ☎ (h) 01952 770211 Fax: 01952 770169

E-mail: arnold211@btinternet.com

Chairman: Dave Cooper, Wheelgates, Southam Lane, Southam, Gloucestershire GL52 3NY

☎ (h) 01242 237703 E-mail: dcncs@aol.com

Vice Chairman: Steve Gregg, 43 Ludlow Road, Bridgnorth, Shropshire, WV16 5AH

☎ 01746 765368 Email: steve.gregg@zen.co.uk



Member Clubs

Aberystwyth & DMC
Anthill 4x4 Club
Auto Adrenalin UK
BRSCC (Midlands Centre)
BTRDA
Bala & District Motor Club
Bath Motor Club
Bolton-Le-Moors Car Club Ltd
Bristol Motor Club
Bristol Pegasus Motor Club
British Rally Marshals Club
CSMA (Midlands)
Cannock & District Motor Club
Chateau Impney Hill Climb Club
Cheltenham Motor Club
Cirencester Motor Club
Cleeve Motor Sports Club
Club Rally Sport West
Cotswold Motor Sport Group CC
Coventry & Warwickshire Motor Club
Devizes & District MC Ltd
Dolphin MC
Dovey Valley Motor Club
Dowty Motor Club
Dukeries Motor Club
EMCOS
Ecurie Royal Oak Motor Club
Epynt Motor Club
Falcon Motor Club

Forest of Dean Motor Club
Forresters Car Club
Historic Rally Car Register Limited
Hagley & District Light Car Club
Harlech & District MC
Herefordshire Motor Club
Jaguar Apprentices Motor Club
Kidderminster Car Club
Lindholme Motor Sports Club
Loughborough Car Club
Ludlow Castle Motor Club
MG Car Club
Matlock Motor Club
Mercia Motor Sports Club
Midland Automobile Club
Midland Hillclimb Championship Club
Midland Lotus Owners' Club
Midland Manor Motor Club
Midland Mini Club
Midland Speed Club
Milton Keynes MC
Morgan Owner's Club
Newtown & District Auto Club
Owen Motoring Club Ltd
Oxford Motor Club
Port Talbot Motor Club
Potteries & Newcastle Motor Club
Quinton Car Club
Redditch & District Motor Club

Ross & District Motor Sports Ltd
Rugby Motor Club
Sevenoaks & DMC Ltd
Sheffield & Hallamshire Motor Club
Shenstone & District Motor Club
Sixty & Worcestershire Motor Club
South Wales Auto Club
Staffordshire & Shropshire Land Rover Club
Stockport 061
Streety Motor Club
Stroud Motor Club
Sunbeam Lotus Owners Motor Club
Sutton & Cheam Motor Club
Teifi Valley Motor Club
Telford Auto Club
Thame Motorsport Club
Tregaron & District Motor Club
Warwickshire Drivers' Motor Club
Welsh Border Car Club
West Midlands Police Motor Clubs
Weston-Super-Mare Motor Club
Whitchurch Motor Club
White Horse Motor Club
Wigan & District Motor Club
Witney Motor Club
Wolverhampton & South Staffs Car Club

Championship Co-ordinators

Autotest: Bob Budd, 110 Vinecoat Road, Coventry, Warwickshire CV6 6EB
☎ (h) 02476 361558 Email: rbudd89@btinternet.com

Road Rally: Gareth Thomas, 31 Derwent Drive, Priorslee, Telford, Shropshire TF2 9QN
☎ (m) 07763 052325 Email: roadrally.awmmc@gmail.co.uk

Car Trials: Steve Courts, 55 Poplar Road, Bishops Itchington, Leamington Spa CV33 0RQ
☎ (h) 01926 612692 Facsimile: 01926 338424 Email: s.courts@ukonline.co.uk

Single Venue Rally: Peter Cross, 125, Brambling, Wilnecote, Tamworth, Staffords. B77 5PP
☎ 07940 446 733. E-mail: peter@awmmc.org.uk

OS maps: 126, 137, 139, 149, 152, 162, 163 (all to Dyke), 164 (West half), 127, 138, 150

EMAMC



East Midlands Association of Motor Clubs

Association Website: www.emamc.org.uk Association E-mail: info@emamc.org.uk

Secretary: Mr David James, Flat 8, 37 Lamplugh Road, Bridlington, East Yorkshire YO15 2JU

☎ (h) 01262 606420 E-mail: info@emamc.org.uk

Chairman & Regional Delegate: Mr Phil Foster, Halfacre, Kettlethorpe Road, Fenton, Lincoln LN1 2EH

☎ (h) 01427 718601 ☎ (w) 01522 836053

E-mail: philfost@lineone.net

Member Clubs

Alfa Romeo OC
Bedford CC
Beverley & DMC
Bolton-le-Moors CC
Border MC
Bury AC
Cambridge CC
Cannock & DMC
Carlton & DMC
Chelmsford MC
Clowne & DMC
Coalville CC
CSMA (North West)
De Lacy MC
Dukeries MC
Eastwood & DMC
Ecurie Royal Oak MC
Grimsby Motor Club
HRCR
Huddersfield MC
Kings Lynn & DMC

Knutsford & DMC
Lincoln MC & CC
Lincs Louth MC
Lindholme MSC
LMS Rallysport MC
Loughborough CC
Loughborough LRC
LSU - LORDS
Mablethorpe & DMC
Malton MC
Matlock MC
Mercia Motor Sports Group
Mid-Derbyshire MC
Newtown & DAC
North Humberside MC
Nottingham Sports CC
Owen MC
Peterborough MC
Potteries & Newcastle MC
Quinton MC
RAFMSA

Ripon MSC
Rolls Royce MC
Rotherham MC
Rugby MC
Sheffield & Hallamshire MC
Shenstone & DMC
Silverstone MC
Slaithwaite MC
Spondon & District 4x4 Club
Sporting Car Club of Norfolk
Stockport 061 MC
Stockton & DMC
Streetly MC
The Motor Cycling Club
Trackrod MC
West Essex CC
Wickford AC
Worksop & DMC
York MC

Championship Co-ordinators

Multi-Venue Steve Flanagan, 71 Ullswater Drive, Dronfield Woodhouse, Dronfield, S18 8PN.

☎ (h) 01246 411362. E-mail: steve@flanaghans.freemove.co.uk

Single Venue Pete Butler, 12 Darricott Close, Rainworth, Mansfield, Nottinghamshire NG21 0FP

Stage Rally: ☎ (h) 01623 403750 E-mail: pete.butler.uk@ntlworld.com

Road Rally: Craig Burgess, 41 Highfield Avenue, Chesterfield, Derbyshire S41 7AU

☎ (h) 01246 222249 E-mail: craigburgess@lechler.com

OS maps: 119, 120, 128-129, 140-141, 152

Regional Structure

SACC

Scottish Association of Car Clubs

Website: www.scottishcarclubs.com E-mail: sacc@scottishcarclubs.com

Secretary: Lock Horsburgh, 32 Cowal Crescent, Glenrothes, KY6 3PT

☎ (h) 01592 744723 ☎ (m) 07721 690016 E-mail: lock@scottishcarclubs.com

Chairman & Regional Delegate: Mr Roger Reed, 531 Holburn Street, Aberdeen AB10 7LH

☎ (h) 01224 574979 ☎ (m) 07831 233611 E-mail: roger@reed531.co.uk

Vice-Chairman & Regional Delegate: Mr Peter Weall

☎ (h) 01417 752949 ☎ (m) 07985 356046 E-mail: peter.weall@ntlworld.com



Member Clubs

4Two Motorsport

5 Car Club

63 Car Club

750 Motor Club

Aberdeen & District Motor Club

Argyll Classic and Sporting

Car Club

Baron Crew Club

Berwick & District Motor Club

Bo'ness Hill Climb Revival

Border Ecosse Car Club

Buchan Offroad Drivers Club

Caithness Car Club

Caledonian Classic and Historic

Motor Sport Club

Classic Car Tours

Coltness Car Club

CSMA

Dunfermline Car Club

East Ayrshire Car Club

Edinburgh University Motor Sport Club

Fifties Sports Car Racing

Glenrothes Motor Sport Club

Grampian Automobile Club

Green

Hawick & Border Car Club

Highland Car Club

Highland Speed Championship

Isle of Skye Rally Club

Knockhill Motor Sport Club

Lewis Car Club

Lothian Car Club

Machars Car Club

Monklands Sporting Car Club

Mull Car Club

NESCRO

RAFMSA

Reivers 4x4 Club

RSAC Motorsport

Saltire Rally Club

Scottish Green Training Club

Scottish Land Rover Owners Club

Scottish Motor Racing Club

Scottish Motorsport Marshals Club

Scottish Off Road Club

Scottish Sporting Car Club

Scottish Sprint & Hillclimb

Championship

Shetland Motorsport Club

SHR Club

Solway Car Club

South of Scotland Car Club

SRC Car Club

Stonehaven & District Motor Club

Tay 4x4 Off Road Club

University of West Scotland Motor

Sport Club

West Cumbria Motorsport Club

Wigton Motor Club

Championship Co-ordinators

Road Events Richard Crozier. ☎ (m) 07866 490 982. E-mail: croziaaargh@hotmail.com

Autocross: Raymond Mann, 7 Pitfour Place, Kirkcaldy, Fife KY2 6YJ

☎ (h) 01592 264 517 E-mail: rca.mann@btinternet.com

Autotest: Graham Murray, 20 Cobden Court, Crossgates, Fife, KY4 8AU

☎ (h) 01383 511 695 E-mail: mycliosport@yahoo.co.uk

Cross Country: Diana Baines ☎ (m) 07806 611 030 E-mail: bainesdt65@gmail.com

Stage Rally: David Robson E-mail: David@ancrum5.plus.com

Race: Mike How, 137 Craigmount Avenue North, Edinburgh EH4 8BS

☎ (h) 0131 339 3876 ☎ (m) 07966 325094 E-mail: m.how@smrc-uk.com

Sprint & Hillclimb: Steve Marr. ☎ (h) 01224 706 295 ☎ (m) 07799 773 540 E-mail: steve.marr@nautronix.co.uk

OS Maps (Scotland) 1 – 79, 80 to border, 82 – 84, 85 to border

WAMC

The Welsh Association of Motor Clubs

Website: www.wamc.org.uk

Chairman: Paul Loveridge, 157 High Street, Cinderford, Glos GL14 2TF

☎ (h) 07831 656472 E-mail: paul.rally@btconnect.com

Secretary: Geoff Field 63 Maes-Y-Sarn, Pentyrch, Cardiff CF15 9QR

☎ 029 2089 1314 E-mail: wamcsec@btinternet.com

Regional & Rallies Committee Representative: As Secretary.



Member Clubs

116 Car Club	Griffin MC	Principality AC
118 Car Club	Gwendraeth Valley MC	Quinton MC
Abergavenny Automobile Club	Harlech & District MC	Rebel Motor Sport
Aberystwyth & District MC	Heads Of The Valley Auto Club	Redditch & District MC
Amman & District MC	Herefordshire MC Ltd	Rhyl & District MC
Ammanford MC	Historic Endurance Rallying Organisation	Ross & District MC
BARC (Midlands)	Historic Rally Car Register	Rugby MC
BARC (Wales)	International Motor Sports	Sirhowey Valley MC
Bala & District MC Ltd	IRDC	Sixty & Worcestershire MC
Bath MC Ltd	Kidderminster Motor Car Club Ltd	South Hams Motor Club
Blackwood & District MC Ltd	Kidwelly MC	South Wales AC
Brecon MC	Knighton MC	Southern Car Club
Bridgend Automobile Club	Knutsford & District MC	Stockport 061 Motor Club
Bristol MC	Lampeter & District MC	Streety MC
British Radio Car Association	Lancashire & Cheshire Car Club Ltd	Sutton & Cheam Motor Club
Broughton & Bretton MC	Llandysul MC	Swansea MC
Burnham-On-Sea MC	Llanelli & District MC	Taunton MC
Caernarvonshire & Anglesey MC	Ludlow Castle M.C	Tavern MC Ltd
Cannock & District Car Club	Maesteg MC	Teifi Valley MC Ltd
Carmarthen MC	Marches 4x4 Motorsport	Telford Automobile Club
Cheltenham MC	Matlock CC	Three Counties Car Club
Chester MC	Middlesex County Automobile Club Ltd	Torbay MC
Civil Service Motoring Association	Midland Manor MC	Vaynor Motor Club
Classic Rally Association	Motor Sport (North West) Ltd	Wallasey MC
Clwyd Vale MC	Newtown & District MC	Warrington & Dist MC
Craven M.C Ltd	North Wales Car Club Ltd	Welsh Border Car Club
Dovey Valley MC Ltd	North Wales Land Rover Club	Welsh Extreme MS
Ecurie Cymraeg	Oxford MC	Welsh Racing Drivers Association
Ecurie Royal Oak MC	Pembrokeshire MC Ltd	West Essex Car Club Ltd
Epynt MC	Port Talbot MC Ltd	Weston-Super-Mare M.C Ltd
European Classic Touring Club	Potteries & Newcastle	Whitchurch M.C
Farnborough District MC		White Horse M.C
Forest Of Dean MC Ltd		Wolverhampton & South
Forresters Car Club		Staffordshire CC
		Ystrad Mynach MC

Championship Co-ordinators

Clubmans	Jimmy Jones, Maes Yr Awel, Vachelich, St Davids, Pembs SA62 6QL
Stage Rally:	☎ 01437 720 766 E-mail: saintjj@tiscali.co.uk
MSA National	Dave Evison, 21 Fernhill Lane, Gobowen, Oswestry, SY11 3PP
Forest Stage Rally:	☎ 01691 679 786 E-mail: david-evison@tiscali.co.uk
Sprint & Hillclimb:	Wyn Edwards, Ty Brynbedw, Cynheidre, Llanelli, SA15 5YF
	☎ 01269 860 942 E-mail: tybrynbedw@btinternet.com
Road Rally:	John Surridge, 76 Maes-Ty-Canol, Baglan, Port Talbot, West Glam SA12 8UP
	☎ 01639 822 049 E-mail: john@surridge.demon.co.uk
Tarmacadam Rally:	Fran Davies, Brynfedwen Garage, Carmel, Carmarthenshire SA14 7TH
& King of Epynt	☎ 01269 832 889 E-mail: melandfrandavies@tiscali.co.uk
Historic Rally:	Rob Baldwin, 75 Sandown Drive, Bobblestock, Hereford HR4 9TB
	☎ 01432 267 040 E-mail: welshhistoric@rp-joinery.co.uk

OS maps: 114-5, 123-6, 135-7, 145-8, 157-62, 170, 171 (to Dyke)

Motor Sports Venues

The following venues have previously been issued with an MSA Track Licence which is issued subject to the conditions incorporated within that licence. That licence is only valid for such periods when a valid MSA organising permit is in force.

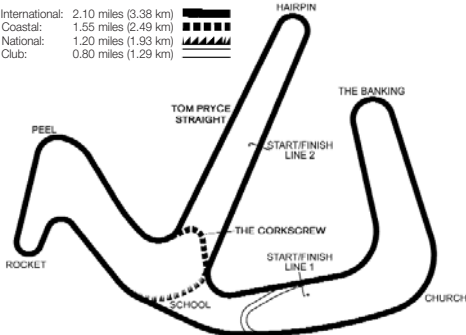
Race Tracks

Number of starters

Racing & Sports Racing Cars over 2000cc
Racing & Sports Racing Cars up to 2000cc
Other Classes

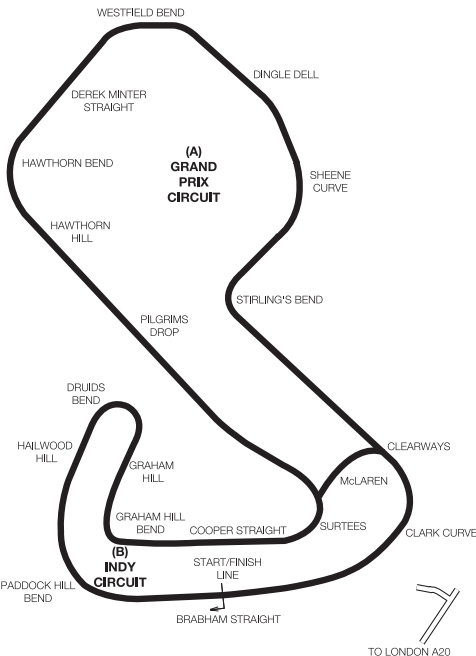
(A)	(B)	(C)	(D)
26	24	18	–
32	28	24	14
38	32	28	20

Length: (A) International: 2.10 miles (3.38 km)
(B) Coastal: 1.55 miles (2.49 km)
(C) National: 1.20 miles (1.93 km)
(D) Club: 0.80 miles (1.29 km)



ANGLESEY CIRCUIT/TRAC MÔN

Address: Anglesey Circuit,
Ty Croes, Anglesey LL63 5TF.
Telephone: 01407 811400.
Website: angleseycircuit.com
Situation: Between Aberffraw and
Rhosneigr off the A4080.
Circuit Post Code for GPS: LL63 5TF



BRANDS HATCH

Address: MotorSport Vision Ltd,
Fawkham, Longfield, Kent DA3 8NG.
Telephone: 01474 872331. **Fax:** 01474 874766.
Website: brands Hatch.co.uk
Email: brands Hatch@msv.com

Situation: South-east of London, near Farningham, Kent.
London–Maidstone Road between A20 and M20, 3 miles
from M25 Swanley Interchange.
Length: (A) 2.433 miles (3.916 km).
(B) 1.208 miles (1.944 km).

Number of starters

(A) Racing & Sports Racing Cars over 2000cc	32
Racing & Sports Racing Cars up to 2000cc	38
Other Classes	44
(B) Racing & Sports Cars Racing over 2000cc	26
Racing & Sports Racing Cars up to 2000cc	28
Other Classes	32

CADWELL PARK

Address: MotorSport Vision Ltd,
Cadwell Park, The Venue Office,
Cadwell, Louth, Lincolnshire LN11 9SE.

Telephone: 01507 343248.

Clubhouse Tel: 01507 343248.

Fax: 01507 343519.

Email: cadwellpark@msv.com

Website: www.cadwellpark.co.uk

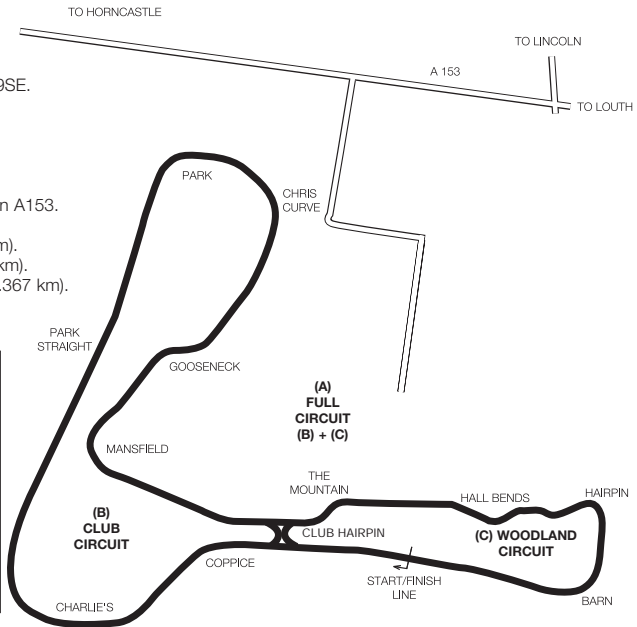
Situation: 6 miles south of Louth on A153.

Length:

(A) Full Circuit 2.187 miles (3.519 km).

(B) Club Circuit 1.476 miles (2.375 km).

(A) Woodland Circuit 0.850 miles (1.367 km).



Number of starters

(A) Racing & Sports Racing 26
Cars not exceeding 1800cc

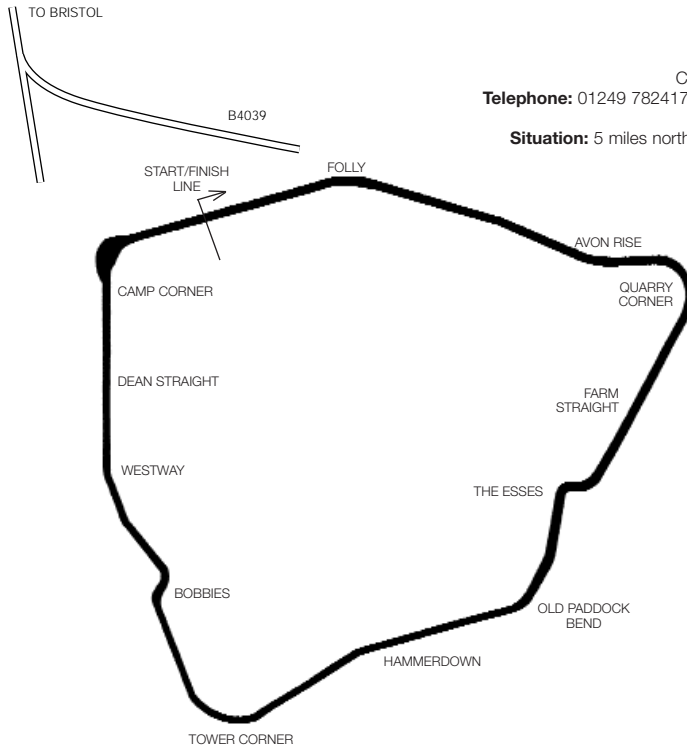
Other Classes 28

(B) Racing & Sports Racing 20
Cars not exceeding 1800cc

Other Classes 24

(C) Racing & Sports Racing 16
Cars not exceeding 1800cc

Other Classes 18



CASTLE COMBE

Address: Castle Combe Circuit,
Chippenham, Wiltshire SN14 7EY.

Telephone: 01249 782417. **Fax:** 01249 782392. **Website:**

castlecombecircuit.co.uk

Situation: 5 miles north-west of Chippenham, Wiltshire.

Length: 1.85 miles (2.98 km).

Number of starters

Racing & Sports 30
Racing Cars
over 2000cc

Racing & Sports 34
Racing Cars
up to 2000cc

Other Classes 42

Motor Sports Venues

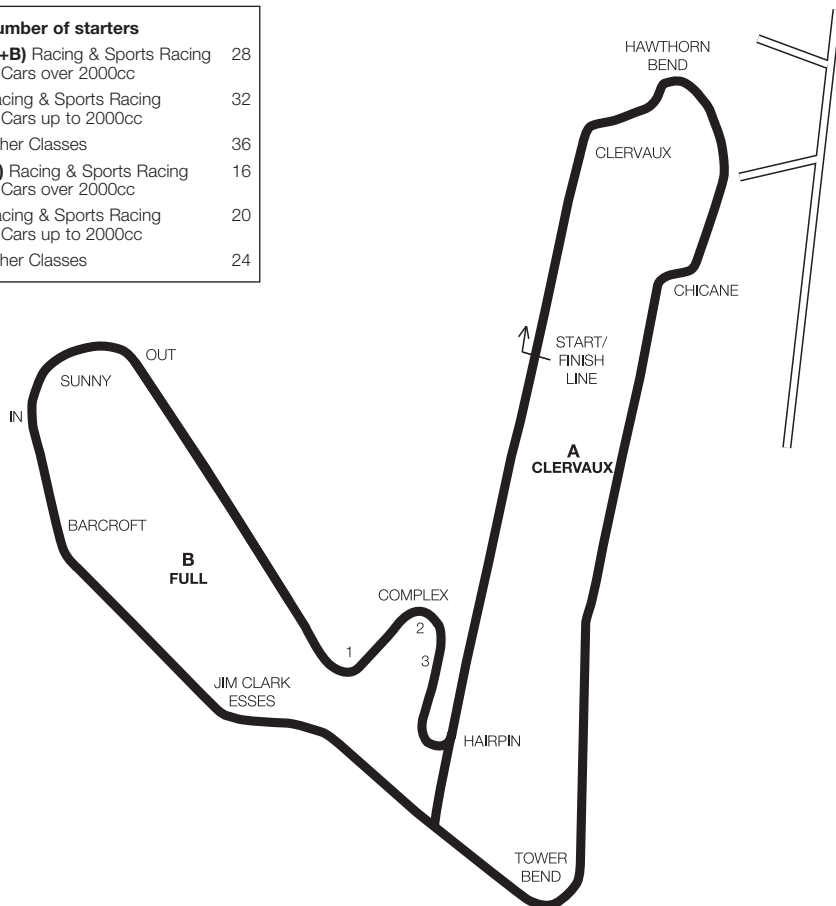
CROFT CIRCUIT

Address: Croft Circuit, West Lane, Dalton-on-Tees, North Yorkshire DL2 2PL. **Telephone:** 01325 721815.

Fax: 01325 721819. **Web:** www.croftcircuit.co.uk **Situation:** 6 miles south of Darlington on A167 Darlington – Northallerton. **Length:** 2.1 miles (3.380 km) (A + B). 1 mile (1.609 km) (A)

Number of starters

(A+B) Racing & Sports Racing Cars over 2000cc	28
Racing & Sports Racing Cars up to 2000cc	32
Other Classes	36
(A) Racing & Sports Racing Cars over 2000cc	16
Racing & Sports Racing Cars up to 2000cc	20
Other Classes	24



DONINGTON PARK

Address: Donington Park Racing Ltd, Donington Park, Castle Donington, Derby DE74 2RP.

Telephone: 01332 810048. **Email:** info@donington-park.co.uk **Website:** donington-park.co.uk

Situation: 8 miles south-east of Derby; 3 miles junction 23a (northbound) or junction 24 (southbound) on M1; 2 miles from M42/A42 and from A50, turn-off S. P. Donington.

Length: (A) National 1.95 miles (3.138 km). (B) Grand Prix 2.49 miles (4.003 km).

Number of starters

(A) Racing & Sports Racing 30
Cars over 2000cc

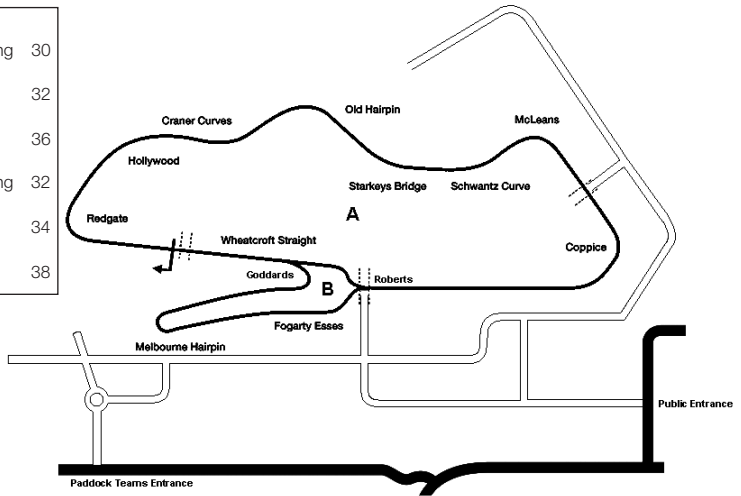
Racing & Sports Racing 32
Cars up to 2000cc

Other Classes 36

(B) Racing & Sports Racing 32
Cars over 2000cc

Racing & Sports Racing 34
Cars up to 2000cc

Other Classes 38



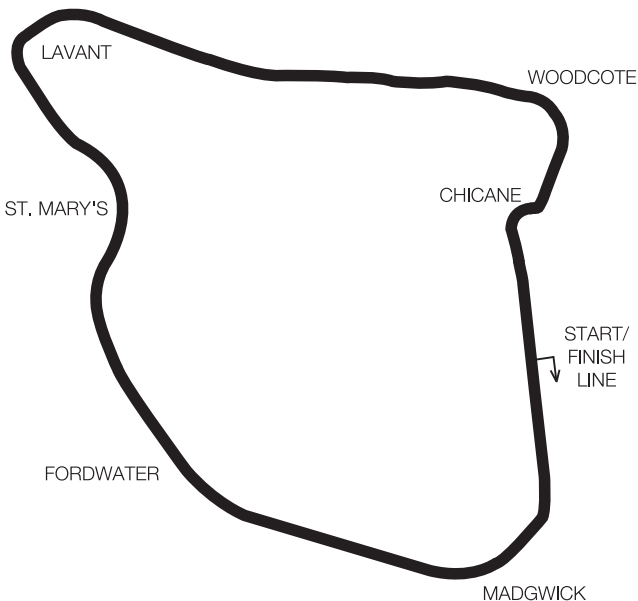
GOODWOOD

Address: Goodwood Motor Circuit, Goodwood, Chichester, West Sussex PO18 0PH.

Telephone: Circuit Office 01243 755073. Pit Lane Office 01243 755093. **Fax:** 01243 755078.

Situation: 2 miles north-east of Chichester, West Sussex.

Length: 2.38 miles (3.83 km). **Number of starters:** 30. (Historic racing).



Motor Sports Venues

KIRKISTOWN

Address: Kirkistown Motor Sports Circuit, Rubane Road, Cloughey, Portavogie, Newtownards, Co. Down BT22 1AU.

Telephone: 028 427 71325.

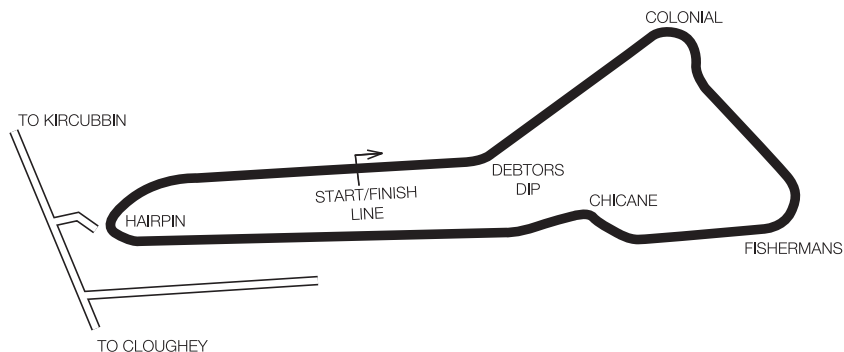
Fax: 028 427 71894. **Website:** kirkistown.com

E-mail: info@kirkistown.com **Situation:** 27 miles from Belfast on Ards Peninsula between Kirkcubbin (4 miles) and Portavogie.

Length: 1.53 miles (2.462 km).

Number of starters

Racing & Sports Racing Cars over 2000cc	22
Racing & Sports Racing Cars up to 2000cc	26
Other Classes	32



KNOCKHILL

Address: Knockhill Racing Circuit Ltd, by Dunfermline, Fife KY12 9TF.

Telephone: 01383 723337.

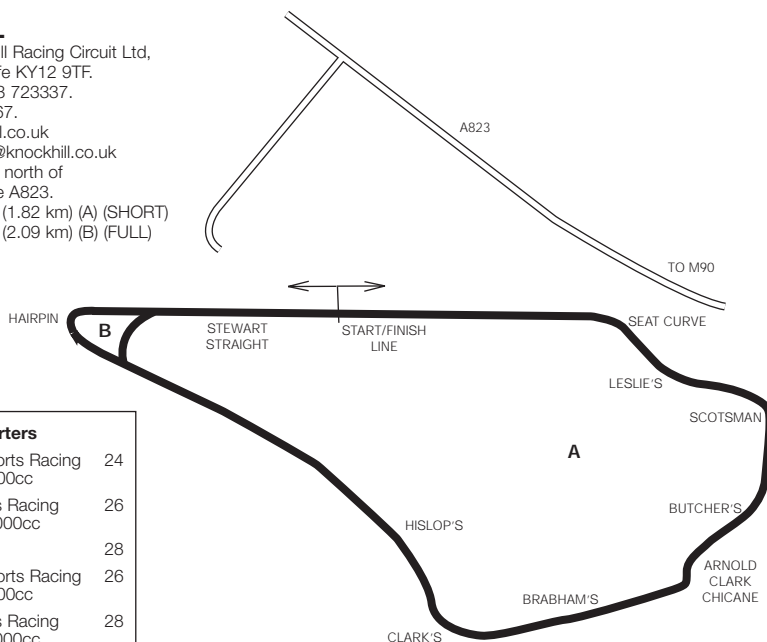
Fax: 01383 620167.

Website: knockhill.co.uk

E-mail: enquiries@knockhill.co.uk

Situation: 5 miles north of Dunfermline on the A823.

Length: 1.1 miles (1.82 km) (A) (SHORT)
1.3 miles (2.09 km) (B) (FULL)



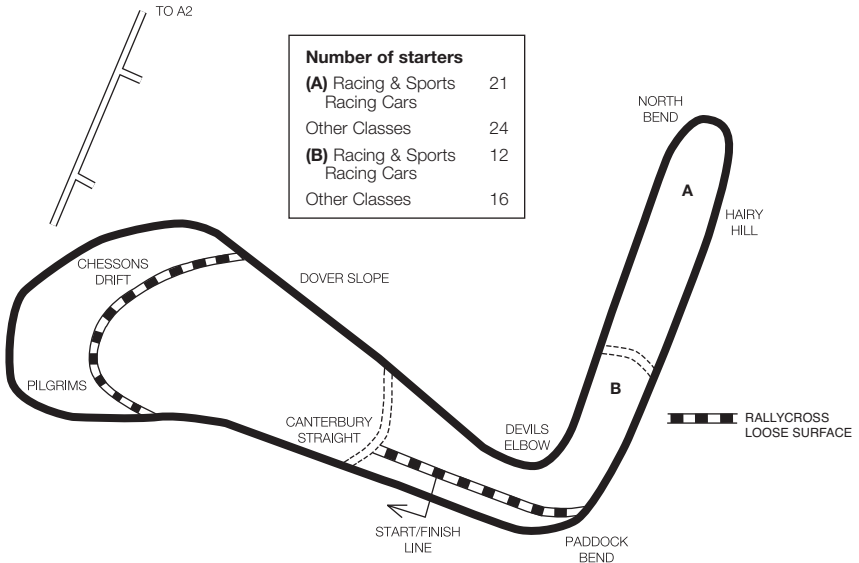
Number of starters

A: Racing & Sports Racing Cars over 2000cc	24
Racing & Sports Racing Cars up to 2000cc	26
Other Classes	28
B: Racing & Sports Racing Cars over 2000cc	26
Racing & Sports Racing Cars up to 2000cc	28
Other Classes	32

LYDDEN

Address: Lydden International Motor Racing Circuit, Wotton, Nr. Canterbury, Kent CT4 6RX.

Telephone: 01304 830557 or 831714. **Fax:** 01304 831715. **Situation:** 7 miles south-east of Canterbury, off main A2 London–Dover, midway between Canterbury and Dover. **Length:** (A) 1 mile (1.609 km). (B) 0.75 miles (1.207 km)



MALLORY PARK

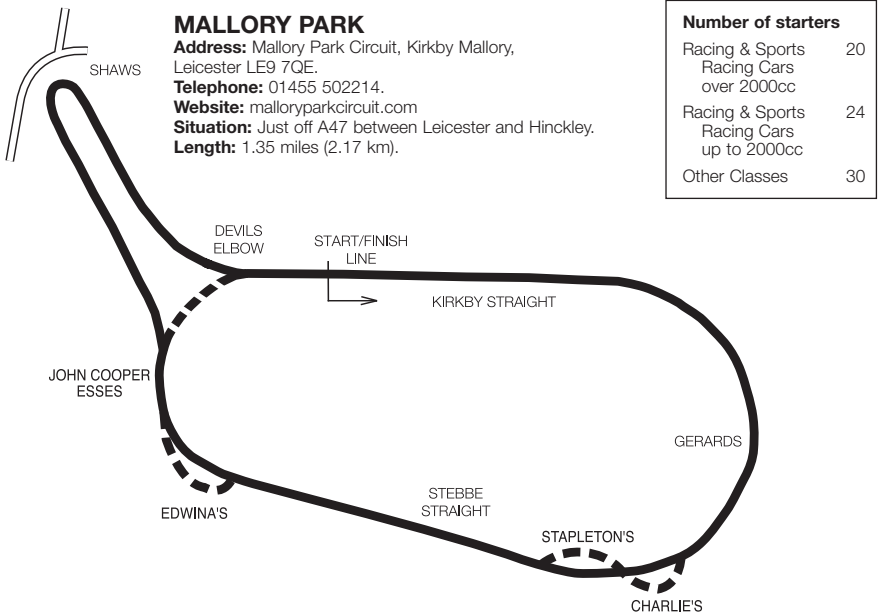
Address: Mallory Park Circuit, Kirkby Mallory, Leicester LE9 7QE.

Telephone: 01455 502214.

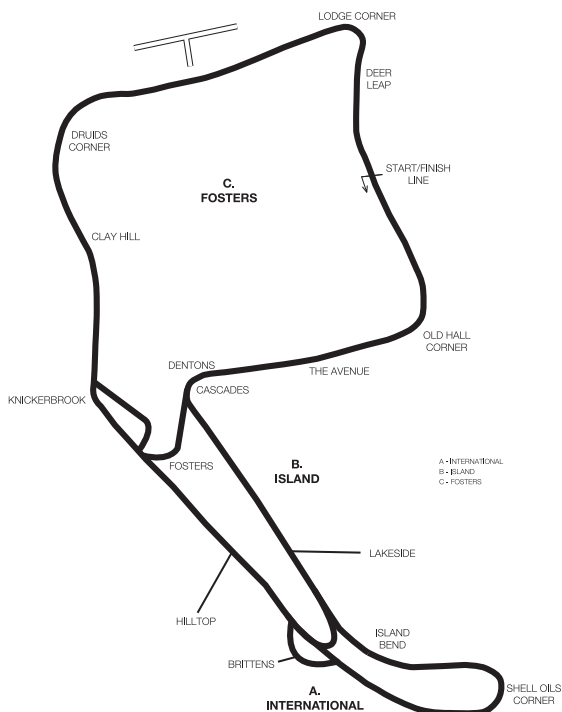
Website: malloryparkcircuit.com

Situation: Just off A47 between Leicester and Hinckley.

Length: 1.35 miles (2.17 km).



Motor Sports Venues



OULTON PARK

Address: MotorSport Vision Ltd,
Oulton Park Circuit, Little Budworth,
Tarporley, Cheshire CW6 9BW.

Telephone: 01829 760301.

Fax: 01829 760378.

Email: oultonpark@msv.com

Website: www.motorsportvision.co.uk

Situation: Three miles north-east of
Tarporley, Cheshire, off A49.

Length: (A) 2.69 miles (4.33 km).

(B) 2.26 miles (3.64 km).

(C) 1.66 miles (2.67 km).

Number of starters

(A) Racing & Sports Racing 32
Cars over 2000cc

Racing & Sports Racing 32
Cars up to 2000cc

Other Classes 34

(B) Racing & Sports Racing 30
Cars over 2000cc

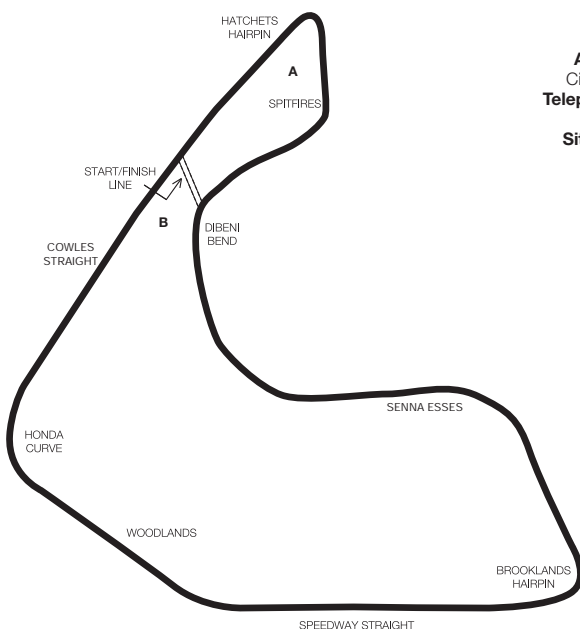
Racing & Sports Racing 30
Cars up to 2000cc

Other Classes 32

(C) Racing & Sports Racing 24
Cars over 2000cc

Racing & Sports Racing 26
Cars up to 2000cc

Other Classes 30



PEMBREY CIRCUIT

Address: BARC (Pembrey) Limited, Pembrey
Circuit, Pembrey, Carmarthenshire, SA16 0HZ.
Telephone: 01554 891042. **Fax:** 01554 891387.

E-mail: pembrey@barc.net

Situation: 10 miles off junction 48 west of M4.

Length: (A) FULL 1.46 miles (2.343 km).

(B) SHORT 1.1 miles (1.769 km).

Number of starters

(A) Racing & Sports 24
Racing Cars
over 2000cc

Racing & Sports 28
Racing Cars
up to 2000cc

Other Classes 32

(B) Racing & Sports 18
Racing Cars
over 2000cc

Racing & Sports 22
Racing Cars
up to 2000cc

Other Classes 24

ROCKINGHAM MOTOR SPEEDWAY

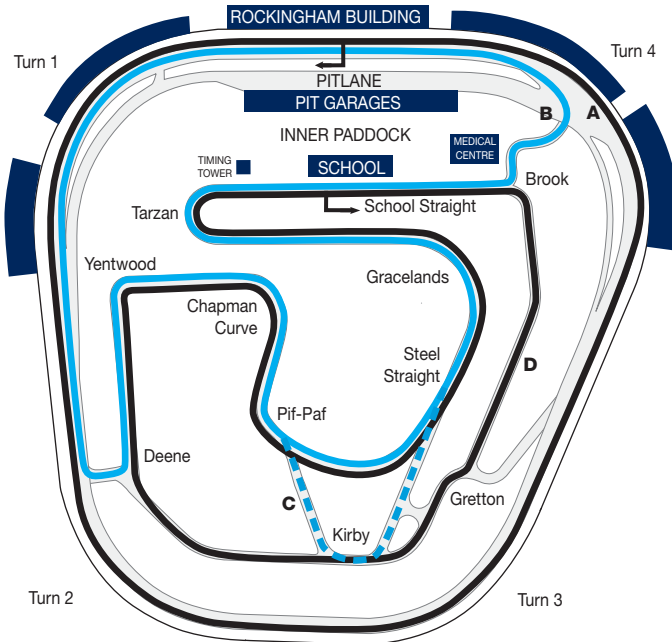
Address: Rockingham Motor Speedway Ltd, Mitchell Road, Corby, Northants NN17 5AF.

Telephone: 01536 500500. **Fax:** 01536 500555. **Website:** www.rockingham.co.uk

Situation: Mitchell Road, NW edge of Corby, off A6116. **Length:** (A) Oval 1.48 miles (2.380 km); (B) Int. Super Sports Car 1.94 miles (3.122 km); (C) Int. Super Sports Car Long 2.05 miles (3.299 km); (D) National Circuit 1.70 miles (2.735 km).

Number of starters	(A)	(B)	(C)	(D)
Racing & Sports Racing Cars over 2000cc	24	30	30	24
Racing & Sports Racing Cars up to 2000cc	26	34	34	26
Other Classes	32	34	34	28
Historics	32	30	30	28

- A Oval Circuit
- B International Super Sportscar Circuit
- C International Super Sportscar Long Circuit (Link)
- D National Circuit



Motor Sports Venues

SILVERSTONE

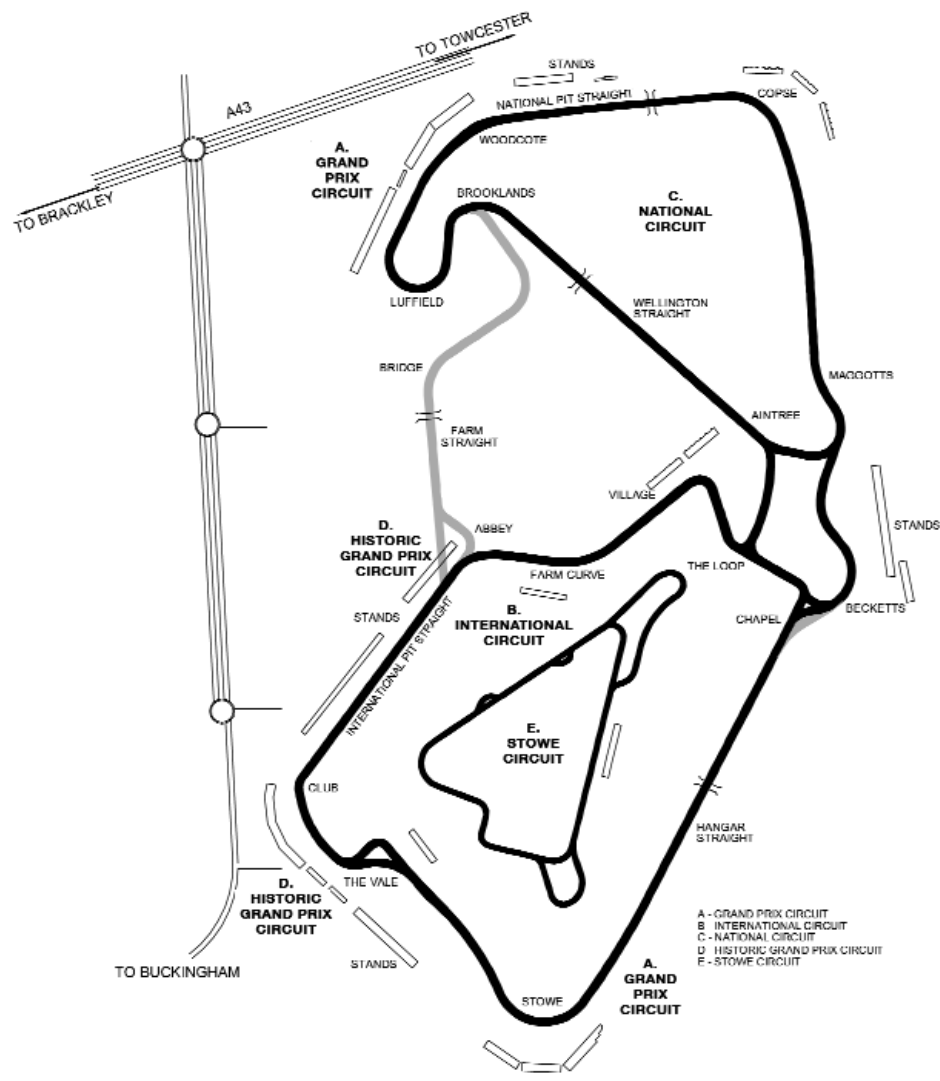
Address: Silverstone Circuits Ltd, Silverstone, Northants NN12 8TN. **Telephone:** 08704 588200.

Fax: 08704 588250. **Website:** www.silverstone.co.uk **Situation:** 600 yards from Silverstone

between Towcester and Brackley on A43 – accessible by this and Buckingham Road via Dadford.

Length: (A) 3.66 miles (5.89 km). (B) 1.85 miles (2.98 km). (C) 1.64 miles (2.64 km). (D) 3.16 miles (5.09 km). (E) 1.08 miles (1.73 km).

Number of starters	(A)	(B)	(C)	(D)
Racing & Sports Racing Cars over 2000cc	50	36	34	50
Racing & Sports Racing Cars up to 2000cc	54	38	36	54
Other Classes	58	44	40	58



SNETTERTON CIRCUIT

Address: MotorSport Vision Ltd, Snetterton Circuit, Norwich, Norfolk NR16 2JU.

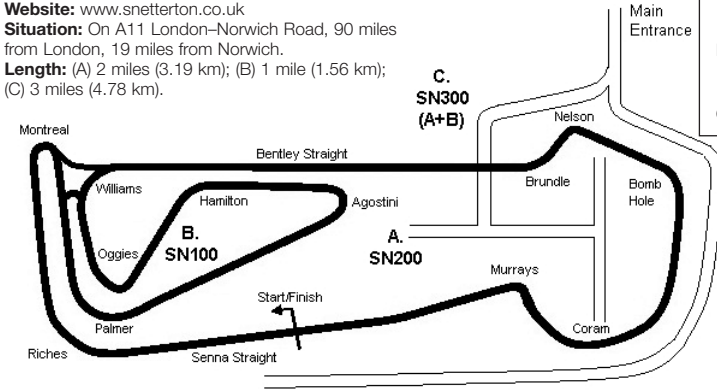
Telephone: 01953 887303.

Fax: 01953 888220. **Email:** snetterton@msv.com

Website: www.snetterton.co.uk

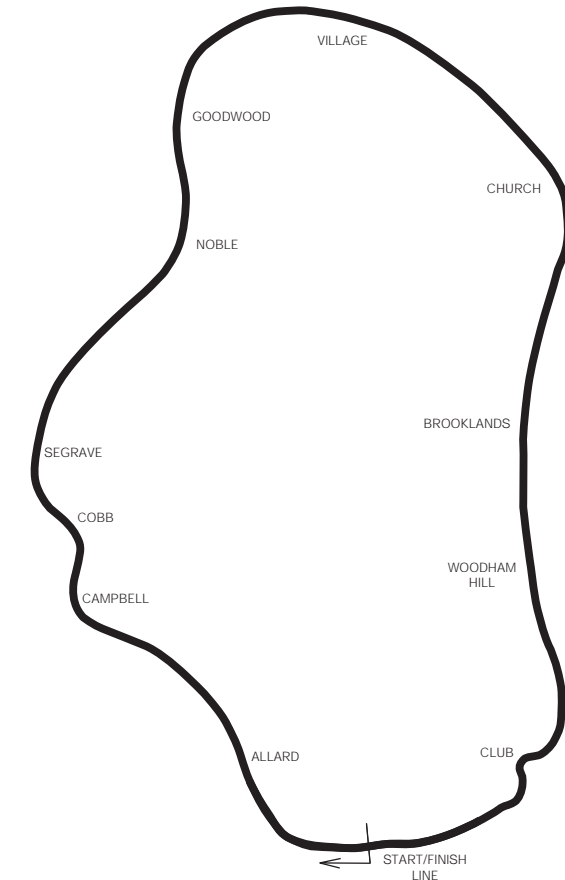
Situation: On A11 London-Norwich Road, 90 miles from London, 19 miles from Norwich.

Length: (A) 2 miles (3.19 km); (B) 1 mile (1.56 km); (C) 3 miles (4.78 km).



Number of starters

	(A)	(C)
Racing & Sports Racing Cars over 2000cc	28	33
Racing & Sports Racing Cars up to 2000cc	32	38
Other Classes	38	45



THRUXTON CIRCUIT

Address: Thruxton (BARC) Limited, Thruxton Circuit, Andover, Hampshire SP11 8PN.

Telephone: 01264 774921.

Fax: 01264 882233.

Website: www.thruxtonracing.co.uk

E-mail: info@thruxtonracing.co.uk

Situation: 5 miles west of Andover on the A303.

Length: 2.35 miles (3.79 km).

Number of starters

Racing & Sports Racing Cars over 2000cc	28
Racing & Sports Racing Cars up to 2000cc	34
Other Classes	38

Speed Venues

HILL CLIMB

Barbon Manor (Cumbria) (0.814 km)

SD 630824. 2.5 miles North-East of Kirkby Lonsdale, off A683.

Bo'ness (Falkirk) (0.529 km)

NS 974802. Off A904 Grangemouth Road.

Bouley Bay (Jersey) (0.91 km)

On North-East coast, 5 miles North of St. Helier.

Cairncastle (Co. Antrim) (2.65 km)

D 355076 (N. Ireland). 6 miles North of Larne, off B148.

Castle Hill (Cornwall) (1.188 km)

SX 098618. 2 miles North of Lostwithiel, off A390.

Craigantlet (Co. Down) (1.335 km)

J 396751 (N. Ireland). 4 miles East of Belfast centre, off B170.

Creg Willey's Hillclimb (Isle of Man) (2.334 km)

SC 287837. Glen Helen. On A3, 3 miles East of Peel.

Croft (Co. Down) (0.845 km)

J 420784 (N. Ireland). Creighton's Green. 1.5 miles South-East of Holywood, off B170 or A2.

Cultra (Ulster) (0.765 km)

J 415809 (N. Ireland). Ulster Folk & Transport Museum, 2 miles North-East of Holywood, off A2.

Doune (Stirling) (1.35 km)

NN 716029. 1.5 miles West of Doune, off A84 to Callander.

Drumhore Hills (Co. Down) (0.95 km)

J 089482 (N. Ireland). 4 miles North-West of Banbridge, South of A50.

Eagles Rock (Co. Londonderry) (1.975 km)

C 697325 (N. Ireland). 5 miles West of Coleraine, off A2.

Epynt (Powys) (1.65 km)

SN 872299. Sennybridge training area. 1 mile North-West of Trecastle, off A40.

Fintray House (Grampian) (0.611 km)

NJ 855165. 8.5 miles North-West of Aberdeen. Off B977 from Dyce/Kintore or B979 from Blackburn.

Forrestburn (Lanarkshire) (1.03 km)

NS 861649. 10 miles East of Airdrie, off A89.

Fort Tourgis (Alderney) (0.845 km)

0.5 miles from St. Anne, 0.5 miles from Bray Harbour.

Garron Point (Co. Antrim) (1.287 km)

D 293249 (N. Ireland). 4 miles North of Carnlough, off A2.

Goodwood House (W. Sussex) (1.867 km)

SU 886088. 2 miles North-East of Chichester between A285 and A286..

Greve de L'Ecq (Jersey) (1.075 km)

8 miles North-West of St. Helier.

Gurston Down (Wiltshire) (0.967 km)

SU 025255. 1 mile West of Broad Chalke off A354 from Salisbury at Coombe Bissett.

Harewood (W. Yorkshire) (1.448 or 0.996 km)

SE 336453. 7.5 miles North-North-East of Leeds. Take A61 to, then A659.

Le Grand Val (Alderney) (0.6 km)

Le Grand Vale, Alderney, Channel Islands.

Le Val des Terres (Guernsey) (0.777 km)

South of St. Peter Port centre.

Lhergy Frissell (Isle of Man) (2.374 km)

SC 449935. On A18 South-West of Ramsey.

Llys-y-Fran (Haverfordwest) (1.022 km)

SN 040244. 8 miles North-East of Haverfordwest, off B4329.

Loton Park (Shropshire) (1.349 km)

SJ 358143. 8.5 miles West of Shrewsbury. Take A458 then B4393.

Manor Farm Charmouth (Devon) (0.7 km)

SY 367938. 3 miles North-East of Lyme Regis, off A35.

Mount Bingham (Jersey) (0.591 km)

In St. Helier.

Oliver's Mount (N. Yorkshire) (1.076 km)

TA 039865. 1 mile South of Scarborough, off A64 or A165.

Petit Bot (Guernsey) (0.769 km)

5 miles South-West of St. Peter Port.

Prescott (Gloucestershire) (0.805 or 1.035 km)

SO 983296. 5 miles North-North-East of Cheltenham, off A435.

Scammonden Dam (W. Yorkshire) (0.503 km)

SE 056166. Adjacent to M62. 5 miles West of Huddersfield, off A640.

Shelsley Walsh (Worcestershire) (0.914 km)

SO 721631. 10 miles North-West of Worcester, off B4204.

Spamount (Co. Tyrone) (1 km)

H 294827 (N. Ireland). Drumnabey Road, 12 miles North-West of Omagh.

Tregrehan (Cornwall) (0.548 km)

SX 052532. 3 miles East of St. Austell, off A390.

Werrington Park (Cornwall) (1.14 km)

SX 323862. 1 mile North of Launceston, off B3254.

Westmount Road (Jersey) (0.637 km)

People's Park, St. Helier.

Wiscombe Park (Devon) (0.914 km)

SY 182941. 6 miles South of Honiton, 12 miles West of Lyme Regis, off A375 or A3052.

SPRINT

Aintree (Merseyside) (1.847 km)

SJ 377985. 5 miles North of Liverpool within Racecourse, off M57/58 junction then A59.

Blyton (Lincolnshire) (1.287 or 2.414 km)

SK 870965. 5 miles North of Gainsborough, off A159 to Scunthorpe.

Boyndie Drome (Banffshire) (0.825 or 0.865 km)

NJ 615645. 4 miles West of Banff, off A98.

Brighton (E. Sussex) (0.402 km)

TQ 314039. Madeira Drive, sea front.

Brooklands (Surrey) (0.88 km)

TQ 067628. Mercedes-Benz World, Byfleet, off A318.

Cholmondeley (Cheshire) (1.93 km)

SJ 536513. 8 miles North of Whitchurch, off A49.

Crystal Palace (London) (0.73 km)

TQ 345712. Crystal Palace Park, 5 miles North of Croydon.

Curborough (Staffordshire) (0.822, 1.423 or 2.023 km)

SK 134128. 2.5 miles North of Lichfield, between A38 and A515.

Dalton Barracks (Oxfordshire) (1.460 or 1.842 km)

SU 478994. Abingdon Airfield, 1 mile North-West of Abingdon, off A34.

Debden Airfield (Essex) (2.11 or 2.21 km)

TL 567344. 3 miles South of Saffron Walden, off B184.

Eelmoor (Hampshire) (1.77 km)

SU 848525. 2 miles North-West of Aldershot, off A323.

Five Mile Road (Jersey) (0.402 km)

West coast. 6 miles West of St. Helier.

Fort Corblets (Alderney) (0.805 km)

Corblets Bay, 2 miles North-East of St. Anne.

Governor's Sprint (Isle of Man) (1.144 km)

SC 382775. Start at TT Grandstand, Douglas.

Grampian Transport Museum (Aberdeenshire) (0.805 km)

NJ 578160. 25 miles West of Aberdeen, off A944 at Alford.

Kames Motorsport Complex (Ayrshire) (0.8 km)

NS 696264. 1 mile South of Muirkirk, off A70.

Littleferry Kart Circuit (Sutherland) (0.808 or 0.963 km)

NH 819979. 2 miles South-West of Golspie, off A9.

Llandow Circuit (S. Glamorgan) (1.45 km)

SS 958712. 4 miles South-West of Cowbridge, off B4270. Next to Kart Circuit.

Motor Sports Venues

Lotus Test Track (Norfolk) (3 km)

TG 156007. At Hethel, 8 miles South-West of Norwich, off A11.

MIRA (Warwickshire) (1.704 km)

SP 364952. 3 miles North of Nuneaton, off A5.

North Weald (Essex) (2.490, 2.530, 2.675 or 2.700 km)

TL 490038. 2 miles North-East of Epping, off B181.

Nutts Corner (N. Ireland 3 miles) (1.495, 1.605 or 177 km)

J 203768 3 miles east of Crumlin

Rushmoor Arena (Hampshire) (1.2 km)

SU 854520. Off A323 between Aldershot and Fleet.

Santa Pod Raceway (Northamptonshire) (0.402 km)

SP 690610. 7 miles South-East of Wellingborough, between A6 and A509.

Stowe (Northampton) a (1.75 km)

SP 670440. Silverstone Circuit, Silverstone

Teesside Autodrome (Middlesbrough) (1.396 km)

NZ 524203. 2 miles East of Middlesbrough centre, off A66.

Thoresby Park (Nottinghamshire) (1.035 km)

SK 640714. 2 miles North-West of Ollerton, off A616.

Three Sisters Race Circuit (Lancashire) (1.13 or 1.50 km)

SD 581012. Ashton-in-Makerfield, 3 miles South of Wigan, off A46.

Trelay (Newquay) (1.35 km)

SW 862645. Newquay Cornwall Airport. Off A3059 Newquay to St. Columb.

Vale Castle (Guernsey) (0.532 km)

Castle Road, Vale. 2.5 miles North-East of St. Peter Port.

Vazon Bay Coast Road (Guernsey) (0.402 km)

Between Richmond and Albecq, Guernsey.

Victoria Avenue (Jersey) (0.402 km)

West of St. Helier town centre.

Note: Sprint events are also held at some Race Circuits.

RALLYCROSS

Nutts Corner (N. Ireland) (1.083 km)

J 203768. 3 miles east of Crumlin

Rallycross tracks are also located at the following Race Circuits:

Croft

Knockhill

Lydden

Pembrey

DRAG RACING

Shakespeare County Raceway (Warwickshire)

SP 174482. Avon Park, Long Marston, 7 miles South-West of Stratford-upon-Avon.

Santa Pod (Northamptonshire)

SP 690610. 7 miles South-East of Wellingborough, between A6 and A509.

Kart Tracks

- T **Barton Stacey** (Hampshire) near Andover, 2 miles from Barton Stacey village off A303. [SU 445 425]
- P **Bayford Meadows** (Kent) 1 mile east of Sittingbourne, ME10 3RY. [TQ 912 645]
- P **Bishopscourt** (Co. Down) 6 miles east of Downpatrick, Northern Ireland, BT30 7EY. [J 570 425]
- P **Blackbushe** (Surrey) off A30 at Blackbushe Airport and follow signs towards Sunday Market, GU17 9LG. [SU 802 593]
- P **Boyndie** (Barffshire) 4 miles west of Banff. [NJ 615 645]
- P **Buckmore Park** (Kent) Chatham, between J3 on M2 and J6 on M20, ME5 9QG. [TQ 742 632]
- P **Clay Pigeon** (Dorset) On A37 midway between Dorchester and Yeovil (10 miles to each), DT2 9PW. [ST 610 028]
- P **Crail Raceway** (Fife) A917 approx. 1 mile from Crail. [NO 627 094]
- P **Darley Moor** (Derbyshire) 2 miles South of Ashbourne on A515, DE6 2ET. [SK 173 423]
- P **Elloough Park** (Suffolk) 1.5 miles east of Beccles on A416, 6 miles west of Lowestoft, NR34 7XD. [TM 447 878]
- P **Fulbeck** (Lincs) 8 miles east of Newark off A17 at Brant Broughton Cross Road. [SK 901 505]
- P **Glan y Gors** (Conwy) On A5, 1 mile west of Cerrigydrudion village, LL21 0RU. [SH 937 495]
- P **Hooton Park** (Wirral) Ellesmere Port, 2 miles off Junction 6 M53. [SJ 368 797]
- P **Jurby** (Isle of Man) Junction of A14 and A10, 7 miles north-west of Ramsey. [SC 363 987]
- P **Kimbolton** (Cams) 7 miles north-west of St Neots on B645. [TL 111 699]
- P **Larkhall** (Strathclyde) Summerlee Raceway, Merrydon Road off A72. 800m, off J7 of M74. [NS 759 527]
- P **Littleferry** (Sutherland) Golspie, off A9 Inverness to Thurso. [NH 819 979]
- P **Llandow** (Vale of Glamorgan) 9 miles from Cardiff, off B4270 between A48 and Llantwit Major, CF71 7PB. [SS 959 715]
- P **Lydd Raceway** (Kent) 20 miles from J10 of M20, TN29 9JH. [TR 044 190]
- P **Mansell Raceway** (Devon) Dunkeswell 6 miles north of A30 at Honiton, EX14 4LT. [ST 132 083]
- P **Nutts Corner** (N. Ireland) 3 miles east of Crumlin. [J 203 768]
- P **P.F. International** (Lincs) 10 miles east of Newark, 2 miles off A17 towards Stragglethorpe. [SK 897 499]
- T **Portstewart** (Co. Londonderry) NW200 car park, off A2 Ballyreagh Road. Northern Ireland
- P **Rissington** (Glos) RAF Station. Off the A429, 4 miles east of Bourton on the Water. [SP 218 186]
- P **Rowrah** (Cumbria) On the A5086 4 miles north-east of Frizington and 8 miles south-west of Cockermouth, CA26 3XU. [NY 068 183]
- P **Rye House** (Herts) J5 of M25 then A10, Rye Road, Hoddesdon, EN11 0EH. [TL 389 095]
- P **Shenington** (Oxon) 8 miles west of Banbury, off A422 Banbury-Stratford road, OX15 6NW. [SP 362 428]
- T **Sorel Point** (Jersey) off La Route du Nord, north of St John's village.
- P **St. Sampsons** (Guernsey) 1 mile from St. Peter port
- P **Three Sisters** (Lancs) 5 minutes off J25 of M6, WN4 8DD. [SD 582 014]
- P **Thruxton Kart Centre** (Hants) 5 miles west of Andover, SP11 8PW. [SU 280 452]
- P **Whilton Mill** (Northants) 3 miles north of Weedon off the A5. From north M1 J18, from south M1 J16. [SP 622 646]
- P **Wombwell** (Yorks) 6 miles south-east of Barnsley, off A4633. [SE 402 032]

KEY: P = Permanent Track. T = Temporary Track.

Contact Details for

British Championships

BRITISH TOURING CAR CHAMPIONSHIP. Championship Regulations available from danjmayo@aol.com or Dan Mayo, 17 White House Grove, Elvington, N. Yorkshire YO41 4AL. Tel: 01904 607320. Website: www.btcc.net

BRITISH F3 INTERNATIONAL SERIES. Championship Regulations available from Stephane Ratel Organisation Ltd, 110 Old Brompton Road, London SW7 3RA. Tel: 0207 835 2573. Fax: 0207 370 4950. Website: www.formula3.co

BRITISH GT CHAMPIONSHIP. Championship Regulations available from Stephane Ratel Organisation Ltd, 110 Old Brompton Road, London SW7 3RA. Tel: 0207 835 2573. Fax: 0207 370 4950. Website: www.britishgt.com

BRITISH HILL CLIMB CHAMPIONSHIP AND HILL CLIMB LEADERS CHAMPIONSHIP. Championship Regulations available from Tim Wilson, 130 Main Street, Little Ouseburn, York YO26 9TG. Tel: 01423 339062. Email: wilson380@btinternet.com

BRITISH SPRINT CHAMPIONSHIP. Championship Regulations available from P. Parker, 52 Brendon Road, Portishead, Bristol, BS20 6DH. Tel: 01275 843478. Fax: 01275 375494. Email: britishsprint@paulparker.f9.co.uk Website: www.britishsprint.org

BRITISH RALLY CHAMPIONSHIP. The BRC will return in 2016.

BRITISH CAR TRIAL CHAMPIONSHIP. Championship Regulations available from Andrea Wren at the MSA or from M. Jones, 9 Redfern Avenue, Waterthorpe, Sheffield, South Yorks S20 7LL. Tel: 0114 247 1963. Website: www.msa-cartrial.org.uk

BRITISH SPORTING TRIALS CHAMPIONSHIP. Championship Regulations available from Janet Darbyshire, Cadwell, 78 Stratford Road, Bromsgrove, Worcs B60 1AU. Email: janet-allrounders@btrda.com or Andrea Wren at the MSA.

BRITISH AUTOTEST CHAMPIONSHIP. Championship Regulations available from Nic Ayre, 6 Rosecroft Road, Ipswich, Suffolk IP1 6AP. Website: www.msa-autotest.org.uk or Andrea Wren at the MSA.

BRITISH SENIOR KART CHAMPIONSHIP. Championship Regulations available from Mrs S. Game, 16 Graham Road, Bicester, Oxon OX26 2HP. Tel: 01869 243739. Website: www.superoneseries.com

BRITISH JUNIOR KART CHAMPIONSHIP. Championship Regulations available from Mrs S. Game, 16 Graham Road, Bicester, Oxon OX26 2HP. Tel: 01869 243739. Website: www.superoneseries.com

BRITISH CADET KART CHAMPIONSHIP. Championship Regulations available from Mrs S. Game, 16 Graham Road, Bicester, Oxon OX26 2HP. Tel: 01869 243739. Website: www.superoneseries.com

BRITISH SUPERKART CHAMPIONSHIP. Championship Regulations available from Ian Rushforth, 2 Lion Close, Norwich NR5 0HQ. Tel: 01603 743563. Website: www.superkart.org.uk

BRITISH DRAG RACING CHAMPIONSHIP. Championship Regulations available from Ian Marshall, Santa Pod Raceway, Airfield Road, Poddington, Northants NN29 7XA. Tel: 01234 782828. Fax: 01234 782818. Email: info@santapod.com Website: www.santapod.co.uk

BRITISH HISTORIC RALLY CHAMPIONSHIP. Championship Regulations available from Colin Heppenstall, 2 Monroe Avenue, Linseyfield, East Kilbride G75 8WA. Tel: 01355 276483. (m) 07736 083745. Email: colin@racrallychamp.org

BRITISH CROSS COUNTRY CHAMPIONSHIP. Championship Regulations available from TBA.

BRITISH RALLYCROSS CHAMPIONSHIP. Championship Regulations available from TBA.

Part 2:

The Regulations

National Sporting Code

At first sight the array of regulations governing motor sport can seem daunting. To help readers better understand the framework in which they operate, the following describes the basic administrative background against which the regulations are applied.

Page

49	Definitions and Abbreviations
49	International Control of Motor Sport
49	National Control of Motor Sport
49	The General Regulations
51	Notices
51	Date of Operation
51	Child Protection Policy
52	Health & Safety Policy
52	Environmental Policy Statement
52	Code of Conduct

Definitions and Abbreviations

FIA (Fédération Internationale de L'Automobile):

The International Federation of Recognised Automobile Clubs.

The Code (Code Sportif International):

International Sporting Code of the FIA.

CIK-FIA (Commission Internationale de Karting):

The FIA Commission responsible for Karting.

ASN: A National Automobile Club or other national

body recognised by the FIA or the CIK-FIA as sole holder of sporting power in a country.

MSA (The Royal Automobile Club Motor Sports Association Ltd):

The sole body (ASN) to which the FIA and the CIK-FIA has delegated the control of motor sport in the British Isles (excluding The Republic of Ireland).

MSC (The Motor Sports Council):

The Sporting Commission of the MSA.

Club: Any body recognised by the MSA as a Club.

National Court: The Motor Sports Council National Court.

International Control of Motor Sport

1.1. International Control of Automobile Competitions.

The FIA is the sole International authority entitled to make and enforce rules and regulations for the encouragement and control of automobile competitions.

1.1.1. International Sporting Code. So that the above powers may be exercised in a fair and equitable

manner the FIA has drawn up the present 'International Sporting Code'.

1.1.2. Each National Club or Federation belonging to the FIA, shall be presumed to acquiesce in and be bound by this Code (including records).

National Control of Motor Sport

2.1. Subject to such acquiescence and restraint, one single Club or one single Federation per country, called the ASN, shall be recognised by the FIA as sole International Sporting Power for the enforcement of the present Code and control of motor sport in its own country. The ASN for this country is the MSA.

Each ASN may draw up its own National Competition Rules which are submitted annually to the FIA.

2.1.1. The MSA being recognised by the FIA as the ASN of the British Isles (excluding The Republic of Ireland) and having acquiesced in and declared itself to be bound by the Statutes of the FIA and the Code, now therefore declares its sole right to control vehicle competitions in accordance with the Code in such territory being hereafter collectively referred to as the 'territory of the MSA'.

2.1.2. The MSC, as defined in its Constitution and Terms of Reference, shall form the Sporting Commission of the MSA.

2.1.3. The MSC has the judicial powers and regulatory functions conferred on the MSA by the Code and exercisable under these Regulations subject to such reservation as the Rules and Constitution of the MSA may require.

2.1.4. The logo of the MSA shall not be used by any person or body for any purpose whatsoever without the written consent of the MSA.

The General Regulations

2.2. That the above powers may be exercised in a fair and equitable manner, the MSC has drawn up these Rules, to be known as 'the General Regulations' and hereinafter referred to as 'these Regulations', which are in conformity with the Code.

Application of these Regulations

2.2.1. These Regulations shall govern all events (as hereinafter defined) in which a vehicle (as hereinafter defined) having more than three wheels (and by agreement with the Auto-Cycle Union, pre-1941 three wheel cars in all events and such vehicles of any age in Touring Assemblies) may take part, organised in the territory of the MSA.

(A) National Sporting Code

Interpretation of these Regulations (H.1.8)

2.2.2. The MSC shall be empowered to decide any question raised within its territory concerning the interpretation of the Code or of these Regulations. In interpreting any regulation the word 'his' is deemed to include 'her' and persons referred to in the singular includes where the context so admits, the plural.

2.2.3. The MSC shall be empowered to decide and adjudicate on any question relating to Motor Sport raised within its territory, which is not covered by the Code or these Regulations.

2.2.4. Insofar as they do not conflict with these Regulations, any Supplementary Regulations or Official Instructions applicable to a competition shall be deemed to form part of these Regulations.

International Events (D.4.3.1(e))

2.3. Events run under an International Permit issued by the MSA must comply with the International Sporting Code and will only refer to these Regulations in respect of any matter not covered by the Code.

Other Events (D.4.3.1(a) to (d))

2.3.1. At all events other than those for which the MSA has issued an International Permit, the Judicial Procedures and Penalties detailed in Section C of these regulations will apply.

Exemption from Regulations

2.4. The MSA has the right to grant an Exemption from these Regulations to suit special conditions or to enable unusual features to be included in the competition.

2.4.1. An Exemption from these Regulations may also be granted to events as detailed in D5.

Alteration of Regulations

2.5. The MSC reserves to itself the right at any time to alter these Regulations and to alter or add to any Appendices thereto from time to time. Notice of such amendments or additions will be published in the MSA Magazine or other official announcement.

2.5.1. Such announcement will only be valid for the current year (H.1.8).

Stability of Regulations

2.5.2. All Specialist Committees must note that any new Sporting rule should normally be approved by the M.S.C. at least 6 months before it comes into force and any new Technical rule at least 12 months before it comes into force. New or amended regulations can only come into force on the 1st January in any year. The only exception is in respect of urgent safety, correction of error, or as exceptionally agreed by the M.S.C. Even in safety matters a practical period of delay is desirable.

With regard to matters concerning eligibility (of, for example, tyres and kart engines) applying from the 1st January in any year, the period of notice may be varied with the agreement of the Motor Sports Council.

Compliance with Regulations

2.6. At all times the organisers of an event shall ensure compliance with these Regulations and any other MSA requirements. It is a condition of approval that all laws of the land shall be complied with and breach of this condition may invalidate any approval which may have already been given.

2.6.1. Every person, body, group of persons, etc., organising a competition or taking part therein shall by so doing or by and upon applying for an organising permit, or by and upon applying for a licence from the MSA, or by and upon entering for a competition, be deemed to have and recognised that they have:

2.6.2. Made themselves acquainted with these Regulations and agree to pay the charges and fees pursuant to the Regulations (and the Appendices thereto), and

2.6.3. Submitted themselves without reserve to the consequences resulting from these Regulations and any subsequent alteration thereof and agreed to pay as liquidated damages any fines imposed upon them within the maximum set out in Part 3 Appendix 1, and

2.6.4. Agreed not to have recourse except with the written Consent of the MSA to any arbitrator or tribunal not provided for in these Regulations.

Approval to Organise an Event

2.7. MSA approval for the organisation of an event (except authorised Speed Records or as specified in D.5) is reserved for those motor clubs recognised by the MSA as 'Registered to organise Competitions' (Recognised Clubs), which have complied with the requirements regarding Status and Fixture List and must be in membership of an MSA recognised Regional Association.

The National Court

3.0. The National Court, appointed by the MSC, constitutes for holders of MSA Licences the final Court of Judgment empowered to settle any dispute which may have arisen between its own Licence holders on its territory in connection with National Motor Sport. The exercise of these judicial powers and functions shall be final and not subject to review.

3.1. The National Court shall exercise the following functions.

- (i) Disciplinary – Matters referred to it by the MSA.
- (ii) Investigatory – In accordance with regulation (C.9.0)
- (iii) Appellate –
 - (a) Appeals pertaining to eligibility will be dealt with by written submission.

Note: Throughout these sections an asterisk(*) indicates a requirement for additional information to be printed in the Supplementary Regulations (SRs).

Text shown in Italics indicate a Regulation which may be amended in the SRs.

(b) All other Appeals. The Court is the designated National Court of Appeal for the purposes of the FIA International Sporting Code

(iv) Arbitration – see C.10

(v) Anti-Doping – see C.11

(vi) **Club Recognition**

3.1.1. The National Court, when convened, shall consist of not more than five and not less than three persons who shall be:

- (a) Stewards of the Royal Automobile Club
- (b) Serving or past members of the Motor Sports Council
- (c) Serving or past members of any of the Committees or Advisory Panels of the MSC
- (d) Other suitably qualified persons.

In exceptional circumstances, and with the agreement of all parties, the National Court may consist of two persons.

3.1.2. No person shall be a member of the National Court if he has taken part as a competitor, driver or official in the competition concerning which a decision is to be given or if he has already participated in a decision on the matter in question, or if he is directly or indirectly concerned in such matter.

3.1.3. The Chairman of the Court shall normally be legally Qualified

Club Recognition

4.0. In order to become recognised a club must have at least 25 members and its rules must have been approved by the MSA. The names and addresses of the members must be supplied with the application. The Club must undertake to comply with all regulations and requirements of the MSA and to pay an annual registration fee and all insurance and other charges and fees due under these Regulations (and the Appendices thereto).

4.1. Applicants for first time MSA recognition must be a member of an MSA recognised Regional Association, which shall normally be the Regional Association local to the applicant. Applications will be notified by means of the Motor Sports Association Magazine or by an official announcement and are subject to objection within one month from other Registered Clubs before approval by the MSA.

4.1.1. Recognition will only be granted to those clubs where all the members are individuals. Groups, or Associations of Clubs [Recognised Groups] may be recognised in a separate category entitled to accept invitations to National B status events and to organise their own Championships. They are not permitted to accept invitations to Clubmans status events, or to organise their own events.

4.2. Regional Centres of Motor clubs which organise events are required to be recognised separately.

4.2.1. Each Centre shall pay a full registration fee and all other charges and fees due under the Regulations (and the Appendices thereto) for the same facilities as a separate club.

4.3. Recognised Regional Associations of Clubs are entitled to accept invitations to National B status events and to organise their own Regional Championships.

They are not permitted to accept invitations to Clubmans status events, except as provided for in D4.5.4, or to organise their own events.

4.4. The continued recognition of any Recognised Club or Regional Centre of Motor club or any other bodies recognised under 4.5 shall be subject to the continuing approval of the MSA and also compliance with these Regulations and payment of the Insurance Premiums due under Part 3 Appendix 1 and any other fees and charges due under the Regulations (or the Appendices thereto).

Other Bodies

4.5. In addition to these Recognised Clubs, the MSA registers certain other clubs and associations of clubs or bodies as responsible organisations in the sphere of motor sport.

Right of Appeal

4.6. New applicants, and existing Recognised Clubs or Regional Centres of Motor Clubs refused recognition or continued recognition by the MSA, (4.1, 4.4) shall have a right of appeal to the National Court. (A3.1(vi) the fee for which is set out in Appendix 1, paragraph 13.)

Notices

5.0. Any communications required under these Regulations to be made to the MSA or to the MSC shall be addressed to The Motor Sports Association, Motor Sports House, Riverside Park, Colnbrook, SL3 0HG, or to such other address as may be duly notified from time to time.

5.1. Any communications required under these Regulations to be sent to a competitor shall be sent to the address on his entry form or, if he is the holder of a licence from the MSA or other ASN, to the address on the licence.

5.1.1. Any communications to be sent to an Organiser or Organising Committee shall be sent to the address on the relevant application for an Organising Permit, or, in the case of an event not organised under permit, to the Secretary of the Organising Club at the address given in the notification of the event to the MSA or his last known address.

5.1.2. Deleted.

5.2. Any communications so sent by post shall be deemed to have reached the addressee by normal delivery of post.

Date of Operation

6.0. These Regulations shall come into force and be operative from the first day of January of the current year and thereby supersede all previous editions of these Regulations.

Child Protection Policy

7.1. The MSA Policy Statement on Child Protection is as follows:

7.1.1. The child's welfare is paramount.

(A) National Sporting Code

7.1.2. All children whatever their age, culture, disability, gender, language, racial origin, religious belief and/or sexual identity, have the right to protection from abuse.

7.1.3. All suspicions and allegations of inappropriate behaviour will be taken seriously and responded to swiftly and appropriately.

7.1.4. As defined in the Children's Act 1989 anyone under the age of 18 years should be considered as a child for the purposes of this document.

Health and Safety Policy

8.1. The MSA is fully committed to a high standard of health and safety management within the organisation and across motor sport in the United Kingdom. The MSA identifies that a comprehensive Health and Safety Management System and Strategy will help identify and minimise potential risks for employees, volunteer officials, competitors and members of the public involved in motor sport in the United Kingdom. In pursuance of achieving and maintaining such high standards in health and safety:

8.1.1. The offices and activities of the MSA will be managed in accordance with relevant legislation as applied in the United Kingdom.

8.1.2. All events must be organised by MSA Recognised clubs and organisations in accordance with the regulations and requirements of the MSA, taking guidance as appropriate from the FIA and so as to respect appropriate statutes and legislation as is applicable within the United Kingdom. Identifying clearly defined roles and responsibilities for health and safety within the MSA, for its Recognised clubs and organisations and generally within motor sport in the United Kingdom enables all parties to meet such responsibilities.

A good health and safety management system and strategy is an asset to all parties involved in motor sport in the United Kingdom.

Environmental Policy Statement

9.1. The MSA recognises that for motor sport activities to be sustainable they must be managed such as to minimise the depletion of natural resources and pollution of the environment.

9.1.1. Regulatory requirements are and will continue to be imposed such as to manage:

- a) Noise levels generated by motor sport events
- b) Air pollution generated by motor sport events.

Regulations are and will continue to allow for the use of such fuels and energy sources as they become available.

9.1.2. Training and guidance is and will continue to be given in respect of managing the disposal of potentially environmental damaging materials such as tyres, oils, fuels, and cleaning agents etc. and to effectively manage spillage of polluting fluids.

9.1.3. Training and guidance will be given in respect of land management not only in respect of dealing with polluting substances but also to minimise the possibility of venues being damaged by destruction of soil strata.

Code of Conduct

10.1. The Motor Sports Association expects Competitors, and their associates, at all times to:

10.1.1. Abide by the MSA regulations.

10.1.2. Respect the decisions of event officials.

10.1.3. Treat all competitors, marshals and officials equally with respect.

10.1.4. Maintain the highest standards of driving behaviour.

10.1.5. Conduct themselves in a proper manner at all times and always behave in the best interests of UK motor sport.

10.1.6. Make every effort to minimise the impact of their activities on the environment around them.

Abuse

10.2. The Motor Sports Association will not tolerate any form of abuse or aggression towards officials, marshals, spectators and competitors.

10.2.1. The Motor Sports Association and the National Court will impose the most stringent sanction against any transgression.

Safety

10.2.2. Competitors are reminded that participation in motor sport carries an inherent risk and the ultimate responsibility for safety lies with the individual. The Motor Sports Association urges competitors to make the maximum possible effort to ensure their own safety at all times.

Nomenclature and Definitions

Basic to understanding the sport is understanding the terminology which defines it. These descriptions define key words and phrases which are referred to in the Regulations that follow.

Adequate Strength. The component concerned is of sufficient strength to fulfil the function for which it was intended.

Advertisement. Any lettering, additional trademark or symbol appearing on a vehicle, including any border or background that is distinguishable from the underlying surface on which it appears.

Aerodynamic Device. Any device or part of a vehicle (excepting normal and conventional styled bodywork) that has a principal effect of creating aerodynamic downforce. Within this definition should be included forward facing gaps or openings in the bodywork, but will not include spoilers in the form of raised surfaces continuous with the body surface and not wider than the body surface. It is not permitted to mount an aerodynamic device on unsprung parts of the vehicle.

Appeal. A formal complaint, lodged within specified time limits, by an entrant or Competitor about a decision, act or omission by an official of a meeting (C.6.1.1). In the event of an appeal being made against a decision, the entrant or Competitor involved must have been either:

- (1) The party involved in the incident giving rise to the decision, or
- (2) The party who lodged the protest which resulted in the decision, or
- (3) The party against whom a penalty has been imposed.

Approved Formulae. A set of Regulations, approved by the MSA, providing the parameters for a vehicle to be used in a specific Competition or series of Competitions.

Autocross. A speed event on a closed circuit with a grass or unsealed surface.

Automobile/Car/Vehicle. Land vehicle running on at least four non aligned complete wheels, of which at least two are for steering and at least two for propulsion.

AutoSOLO. A type of Autotest subject to the same criteria as Autotests (see Section M).

Autotest. A Competition in which marking during the event is based solely on a Competitor's performance in manoeuvring tests. These tests may be at one or more sites on private property.

Ballast. Non functional material added to increase vehicle weight. Units of ballast are to be strong and unitary blocks, fixed by means of tools with the possibility of affixing seals and placed on the floor of the cockpit or the luggage compartment, visible and sealed by the Scrutineers (J.5.15.2). Kart ballast see U.17.29.1.

Bambino Kart Event. Pre-Race training for 6 and 7 year olds, which can only be held on circuits specifically licensed for Bambino. Drivers must hold a Kart

Clubman licence, which they can obtain from their 6th birthday and may continue in Bambino until their 8th birthday. Full details and criteria contained within the Kart Race Yearbook.

Battery cell. An electrochemical energy storage device, of which the nominal voltage is the electromechanical couple nominal voltage, made of positive and negative electrodes, and an electrolyte.

Battery module. A single unit containing one cell or a set of cells electrically connected and mechanically assembled.

Battery pack. A single mechanical assembly optionally housed by a battery compartment, comprising battery modules, retaining frames or trays.

Bodyshell. The major structural part of the car constructed of all parts that are permanently attached (by welding, brazing, riveting, bonding, etc.) around which are assembled the mechanical components. Panels that are attached by means of removable fasteners are not considered to be part of the bodyshell.

Bodywork. All entirely sprung parts of the car in contact with the external air stream, except the rollover structures and the parts definitely associated with the mechanical functioning of the engine, transmission and running gear. Airboxes and radiators are considered to be part of the bodywork. Exterior rear view mirrors are not considered to be part of the bodywork. Bodywork is differentiated as follows:

- (a) Completely closed bodywork.
- (b) Completely open bodywork
- (c) Convertible bodywork with the hood in either supple or rigid (hardtop) material.

Brake light. Rear facing red light(s) each of 750 sq mm minimum surface area equipped with a 21W bulb or of equal luminosity directly operated without delay by application of the vehicle brakes.

Bulkhead. A partition separating one vehicle compartment from another.

Cadet Marshal. A Cadet Marshal grade can be issued to marshals between the dates of their 11th birthday and their 16th birthday and whose details are made available to the MSA for registration purposes. They may perform a limited range of duties appropriate to the grade and type of event, in line with MSA Guidelines.

In order to ensure compliance with the MSA Child Protection Policy and Guidelines, all events using Cadet Marshals are required to include in the regulations for the event contact details of an MSA Club Child Protection Officer.

Car Trial. A 'Sporting Trial' confined to vehicles of a production type over a course that is suitable to test equally the capabilities of cars of all sizes.

(B) Nomenclature and Definitions

Catalytic Converter. A device designed and used to reduce the quantity of toxic emissions produced by an internal combustion engine.

Chassis. The overall structure of the car around which are assembled the mechanical components and the bodywork.

Championship. An event or series of events organised for the purpose of establishing the right to an individual or collective title.

Circuit. The whole area used for an event under the control of the organising club and/or a circuit owner.

Class. A division of vehicles by their engine capacity or any other means of distinction.

Classic Reliability Trial. A Competition based on the ability to climb hills or traverse difficult sections non-stop, that may use the public highway for all or part of its route or may be entirely on private ground.

Clubman's Event. An event confined to members of the sole organising club, and, by invitation, to members of a limited number of other clubs.

Clubsport Event. A Clubsport Event is a competition involving motor vehicles, but not necessarily exclusively and where the emphasis is on the social element rather than any outright performance of the vehicle, and are of an event type prescribed in D5.

Co-Driver. The second member of each crew competing in Special Stage Rallies.

Commitment Deposit (Race). A deposit required by the MSA for any proposed Championship that has not previously run as a Series. This is additional to any Championship Permit fee and if the Championship runs as specified during the first three years this deposit will be refunded at the end of the third year.

If the Championship fails to take place, or ceases prematurely during its first three years the Commitment Deposit will be forfeit.

Any commercial liabilities arising from the Championship, during these first three years, are the responsibility of the Club / Championship organisers. However the Championship Permit holding Club may make application to the MSA for a refund of the Commitment Deposit or part thereof in order to assist with payment of any claim for liabilities resulting from the failure of the Championship. Any surplus deposit will be paid to a registered charity nominated by the MSA.

Competition. That part of an Event that is given a competitive nature by the publication of results. It must be completed by the end of the meeting. An individual specific event, such as a gymkhana or treasure hunt, shall not be a Competition for the purpose of these Regulations if, on being informed in writing of the details of the proposed event, the MSA has waived in writing the necessity for an Organising Permit and the event takes place in accordance with such details.

Competitor. A person or body whose entry is accepted for or who competes in any event whatsoever, whether as Entrant, Driver, Co-Driver, Navigator or Passenger.

Competitor's Licence Record. The record of the Competitor's Competition licence history, including any penalty points and other judicial matters.

Competition Numbers. Numbers displayed on vehicles in Competition for identification purposes.

Composite. Material formed from several distinct components, the association of which provides the whole with properties which none of the components taken separately possess.

Control or Check. Any point that Competitors must visit during an event. A Control will be manned by officials; a Check may or may not be manned. If the term Time Control is used this will imply that the Competitor's time of arrival at or departure from this point is recorded.

Control Fuel. Fuel supplied from a defined source with chemical composition monitored in a manner defined by MSA Regulations.

Control Line. The line by reference to which a vehicle is timed or its performance in a Competition is determined.

Course. The track, plus all run-off areas, up to and including safety barriers, fences and walls.

Cross Country Junior Trials Vehicle. A two-wheel drive vehicle adapted from a front-engined lawn or garden tractor with the cutter deck and associated ancillaries removed, and fitted with a four stroke petrol or diesel vertical crankshaft engine of the Industrial and Commercial restricted type.

Cross Country Vehicle. A vehicle that has a manufacturers' design function to traverse arduous cross country terrain.

Cross Country Event. An event intended only for Cross Country vehicles. These may be defined as follows:

- (a) *Competitive Safari.* A timed event taking place on private ground that will be laid out over one or more courses and at one venue only.
- (b) *Cross Country Orienteering.* An event involving navigating and driving a vehicle to an objective, or series of objectives.
- (c) *Cross Country Vehicle Timed Trial.* A trial taking place on one area of private ground in which the marking during the event is mainly based upon the ability of Competitors to climb hills or traverse difficult sections non-stop, but where the results are decided predominantly by the time taken to traverse those sections.
- (d) *Cross Country Vehicle Trial.* A trial in which the marking for the event is mainly based upon the ability of Competitors to climb hills or traverse difficult sections non-stop, and in which the mileage upon a public highway does not exceed 50 miles.
- (e) *Hill Rally.* An event of which the main portion of the route is cross country, and in which the marking for maintaining a set time schedule shall form a substantial part of the Competition. A Hill Rally may include tests or observed sections.
- (f) *Point to Point.* An event the object of which is for a team of vehicles to seek and visit points spread out on open ground. The points must be accessible by vehicle(s) and it may require team effort to reach and pass through the points. Public highways must not be used.
- (g) *Team Recovery.* An event the object of which is for a team of vehicles, by self recovery or team effort, to proceed through an observed section in the shortest possible time.

(h) *Winch Recovery*. An event the aim of which is to move an object (normally a demobilised vehicle) by winching through a gate and along a specified course.

(i) *Promotional Event*. A non-competitive event designed solely to enable participants to experience driving their vehicles off-road, and to introduce them to organised cross-country driving.

(j) *Challenge Event*. An event the aim of which is for competitors to manoeuvre their vehicles to a remote location by means of driving, towing and/or winching, or any combination thereof and where proof of visiting that location is by way of the scorecard, which shall be permanently attached to the vehicle, being officially marked.

Cylinder Volume. Volume V generated in cylinder (or cylinders) by the upward or downward movement of the piston(s).

$$V = 0.7854 \times b^2 \times s \times n$$

where: b = bore
 s = stroke
 n = number of cylinders

Data Acquisition. The collection and storage of data on a vehicle, also termed "data logging". Data loggers acquire and store data until the data is downloaded.

For karting applications, data loggers are acceptable, provided there is no electrical connection between the data logger and the ignition system of the kart other than to an insulated section of the high-tension (HT) lead. Any lap-timing device used as part of the data logger must adhere to the lap-timing section of these definitions.

In karting terms, a data logger is a combination of an electronic memory and a series of sensors and looms, usually allied to a beacon detector for lap-timing. Data is usually viewable on a software program on a computer after download from the memory. A data logger may have Driver instrumentation connected to it for on track display of information to the Driver.

Disqualification. A person or body shall be said to be disqualified when permanently forbidden to take part in any event whatsoever.

Drag Race. A race between two cars over a flat and straight course of 440yds, with a minimum braking distance of 800yds, and a minimum width of 50ft.

Drag Racing Vehicle. A vehicle designed and prepared to obtain maximum acceleration over a straight course.

Driver. A person nominated as the Driver of a vehicle in any event.

Driver Instrumentation. The medium by which information is displayed to the Driver while the vehicle is on the circuit or in the pits/paddock. Driver instrumentation can be driven either by stand-alone sensors, or driven by a data logger. Sensors to drive the instrumentation are considered as part of the Driver instrumentation.

For karting applications Driver instrumentation is permitted, whether the display is stand-alone or used in conjunction with a data logger.

Duration of Meeting or Event. A Meeting is considered to have begun as from the beginning of the first event, and shall end when the last event has finished. An Event is considered to have begun as from the time scheduled for the beginning of administrative checking and/or scrutineering and shall include practice and the Competition itself. It shall end upon the expiry of the time limit for protests or appeals, or the end of any hearings.

Electric vehicle. Vehicles which solely use electricity stored on board and which are not necessarily or essentially propelled by the conversion of solar energy.

Endurance Kart Event. A Kart Race of a minimum of 60 minutes duration, where the need to refuel and/or make Drivers stops, or changes, is an integral part of the race. Drivers must have reached their 16th birthday. A group of licensed drivers may be referred to collectively by their team name without the requirement to hold an Entrants Licence.

There are two types of Endurance Kart events and these require different licence grades, namely:

- (a) For engines which do not exceed 15hp in total per kart drivers must hold a minimum of a Kart Clubman Licence.
- (b) For engines exceeding 15hp in total per kart drivers must hold a minimum of a Kart National 'B' (Novice) licence.

Endurance Race. A Race scheduled to have a minimum of 90 minutes duration, with mandatory refuelling and/or Driver stops and/or Driver changes, as an integral part of the race.

Entrant. The person or body responsible for making an Entry into a Competition and responsible for all matters pertaining to that Entry.

Environmental Spill Kits. For use in managing spills of automotive fluids, lubricating oils and fluids, gasoline, coolant additives, hydraulic oil etc. All kits to include adequate number of disposal bags for collection of used materials. Used spill kit materials to be disposed of in accordance with National and/or Local Authority Guidelines.

- (i) *Large Spill Kit*
 Absorbent pads and/or granular absorbent material capable of dealing with spillages up to 14 litres capacity.
- (ii) *Medium Spill Kit*
 Absorbent pads and/or granular absorbent material capable of dealing with spillages up to 7 litres capacity.
- (iii) *Small Spill Kit*
 Absorbent pads and/or granular absorbent material capable of dealing with spillages up to 1.25 litres capacity.

Event. A single activity with its own results or one part or round of a series of events comprising a Championship. It may comprise: free practice and/or qualifying practice sessions; heats and a final; or be divided in some similar manner.

Exclusion. Exclusion forbids the person concerned to take part in any particular Competition, or in several sporting Competitions of the same meeting. Exclusion may be applied in retrospect, by the deletion of any result in any Competition.

Finishing Line. The last control line on a course.

(B) Nomenclature and Definitions

Forced Induction. Any device capable of augmenting atmospheric pressure to increase the induction of air or fuel/air mixture into the combustion chamber (Superchargers, Turbochargers etc.). Any means of artificially reducing induction air temperature (eg packing with solid CO₂ etc.) is prohibited. Ram effects entirely due to the forward motion of the vehicle or tuning of induction or exhaust pipe length are not included within this definition.

Fuel (see Pump Fuel). All substances fed into the combustion chambers of an engine excepting only:

- (a) Atmospheric air and water vapour contained naturally therein.
- (b) Lubricating oil exceeding in viscosity 5 cSt at 100°C.
- (c) Anything recommended in the relevant vehicle manufacturer's instruction manual as normal treatment for the specific type of recognised production car.

Grand Touring Car (GT). An open or closed automobile which has no more than one door on each side and a minimum of two seats situated one on each side of the longitudinal centre line of the car; these two seats must be crossed by the same transversal plane. The car must be able to be used perfectly legally on the open road, and adapted for racing on circuits or closed courses.

Ground Clearance. The clearance between the ground and the lowest part of the bodywork, or of the suspended part of the car, in normal trim with the Driver aboard (J.5.20.11).

Gymkhana. An event held wholly on private ground and in which no test is determined solely by the speed of the competing vehicle, or by the skill of the Driver in controlling the vehicle, and in which if there are to be timed tests, there will be at least an equal number of untimed tests. No test may be timed to an accuracy of less than five seconds.

Handicap. A method laid down in the SRs for the purpose of equalising the chances of the Competitors.

Hard Top. An accessory manufactured in rigid material used in place of or to replace collapsible fabric cockpit hoods on open cars. When a hard top is fitted to a vehicle (even temporarily) the vehicle is then defined as closed and must have a rear window installed, unless otherwise stated in SRs.

Historic Motorsport. Competitions under a set of rules that seek to preserve the specification of their period and prevent modifications of performance and behaviour which could arise through the application of modern technology. Historic competition is not simply another formula in which to acquire trophies, it is a discipline apart, in which one of the essential ingredients is a devotion to the cars and to their history. Historic Motor Sport enables the active celebration of the History of the Motor Car.

High Speed Trial. A Competition run on a circuit in which Competitors are required to maintain a minimum speed for a specified time or distance, or cover a minimum distance in a specified time, and may or may not benefit from improving upon the minimum specified. Deemed to be a race and subject to the appropriate conditions.

Holder of Records. The Driver or Drivers who were driving the vehicle when the record was achieved.

Hybrid Vehicle. A vehicle that uses two or more distinct power sources to propel the vehicle.

Identical Cars. Cars belonging to the same production series and which have the same bodywork (outside and inside), same mechanical components and same chassis (even though this chassis may be an integral part of the bodywork in the case of a monocoque or unitary construction).

International Event. An event is International when it is entered on the International Calendar and is open to Competitors and Drivers of various nationalities.

International Record. The best performance accomplished in a determined class or group. There are International Records for Land Vehicles, Automobiles, Special Vehicles and Ground Effect Vehicles.

Junior Autocross. A restricted Autocross class held to permit young Drivers between the ages of 14-17 years of age to compete in Autocross events.

Kart. A small four wheel racing vehicle with a rigid frame and no suspension of the wheels. The engine(s) drive the rear wheels only and these rear wheels must be joined by a single piece rear axle with no differential action between them. The Driver will be seated with feet to the fore.

Kart Clubman Event. A Kart Clubman Event is a Kart Race Event run primarily as entry level Karting. Engines may not exceed 15hp for Seniors or 10hp for Juniors, in total per Kart. Competitors must hold a Kart Clubman's Licence, as a minimum.

Kit Cars. A vehicle in which the chassis frame, body panels and other major components are manufactured and/or supplied from one manufacturer to which other specified components and parts are added/assembled to produce a complete car.

Land Vehicle, Automobile, Special Vehicle, Ground Effect Vehicle.

- (a) **Land Vehicle.** A locomotive device propelled by its own means, moving by constantly taking real support on the earth's surface, of which the propulsion and steering are under the control of a Driver aboard the vehicle.
- (b) **Special Vehicle.** Vehicle having at least four wheels not in line that is steered by at least two wheels and is propelled otherwise than through the wheels.
- (c) **Ground Effect Vehicle.** Vehicle that takes a bearing on the ground by the means of a pressurised air cushion, magnetised levitation or similar means.

Lap-Timing. For karting applications, a trackside beacon emitting a continuous output of infra red light is permitted for use in conjunction with a data logger or for stand-alone lap-timing purposes. The position of the trackside unit is either to be located outside of the safety barriers or to be approved by the officials of the event.

Licence. A certificate of registration issued under the Code by an ASN to any person or body wishing to participate in Competitions held under the Code. The holder of a licence is presumed to know and abide by the Code and these Regulations.

Licence Number. The number on a licence.

Light Alloy. Any alloy containing more than 10% aluminium, magnesium or titanium.

Local Record. A record established on a permanent or temporary track approved by the MSA, whatever the nationality of the Competitor.

Locomotive Device. A self contained and powered device capable of moving from place to place.

Main Chassis Structure.

- (a) *Single seater racing cars* – the fully sprung structure of the vehicle to which the suspension and/or spring loads are transmitted, extending longitudinally from the foremost front suspension mounting on the chassis to the rearmost one at the rear.
- (b) *Other cars* – the overall structure of the car around which are assembled the mechanical components and the bodywork.

Mechanical Components. All those necessary for the propulsion, suspension, steering and braking as well as all accessories whether moving or not which are necessary for their normal working.

Meeting. An organised assembly of Competitors and officials, including one or more competitive or non-competitive activities, taking place within a defined period and governed by the same sets of Regulations.

Methanol. Methyl Alcohol CH₃OH. This is a clear colourless liquid, miscible with water acetone and other ketones, the esters, aromatic and highly unsaturated hydrocarbons, and castor oil. It is not miscible in all proportions with straight-run petroleum spirit or mineral oil. B.P. 64.7°C, Specific Gravity 0.796, Flash Point 32°F. For Speed Events, British Standard 506 with an allowance of up to 10% Acetone, is permitted.

Mile and Kilometre. For all conversions of English to Metric measurements and vice versa, the mile shall be taken as 1.609344 kilometres, and the kilometre shall be taken at 0.62137 of a mile.

Model Year. This defines new or re-engineered vehicles that are built to a specification intended for sale and use from the start of the year indicated. Example: Vehicles built in the last months of a year for the next season would be defined as new season vehicles and would have to conform to regulations applicable to the new season.

Modification. Any change in the design, material, shape, dimensions and/or surface finish of a component, except for basic manufacturing processes, normal wear and published service or repair procedures.

Monocoque Chassis. A structure of metal and/or composite materials welded, riveted or bonded into a structure in which the skin carries all or most of the stresses imposed on that structure.

Nationality. The nationality of a Competitor or Driver for the purpose of these Regulations shall, after the grant of a licence, be deemed to be that of the ASN that last issued a licence.

National A Event. An event open only to Competitors and Drivers holding an appropriate National A or higher licence issued by the MSA.

National B Event. An event in which the Competitors or Drivers who take part have to comply with particular conditions of eligibility for instance:

- (a) Membership of an Invited Club or Championship.
- (b) A Competition confined to vehicles of a particular make.

National Record. A record made within the territory of the MSA regardless of the nationality of the Competitor.

Navigational Scatter Event. A navigational event where there is no Competition on the public highway and which falls within the provisions of automatic authorisation under the Motor Vehicles (Competition and Trials) Regulations (where applicable). Competitors should be required to visit a number of points at random and no merit should be attached to visiting more than 75% of the points listed. The majority of the points should not be readily accessible without leaving the car and the car shall be an incidental means of transport between the various points.

Navigator. The second member of each crew competing in Rallies, or other events, held entirely on the public highway.

Number Plate. The plate that would normally carry the registration number of the vehicle, were it to be run on public roads. Size and shape to be in accordance with DVLA requirements.

Off-Road Racing. A race on a grass or unsealed surface.

Organising Club. A club registered with the MSA and responsible in all respects for the organisation of an event.

Organising Committee. A committee authorised by the organising club to act on their behalf. The organising committee will take the place of such club for the purpose of these Regulations except that the club will be responsible for the acts and omissions of such organising committee as if such acts and omissions were their own.

Organising Permit. The documentary authority to organise and hold a Competition, granted solely by the MSA.

Original Equipment. See Standard Part.

Pace Notes. Any information (in any recorded form) relating to a Special Stage, that has not been provided to all Competitors by the Organisers of that event. This excludes Subjective Route Notes and the use of commercially available maps.

Paddock. An area provided by the Organisers for the parking of competing and support vehicles, and for the purpose of servicing competing vehicles.

Parc Fermé. A secure identified area designated by and under the control of the Organisers and officials of an event and into which any entrant or Competitor must place the competing vehicle and/or associated items as well as and when directed by the Organisers or officials including the route instructions of the event.

Passenger. A person, other than the Driver, conveyed on a vehicle during a Competition.

Period Defined Vehicles (Non-Rally)

- A – (Veteran) Cars built before 1 Jan 1905.
- B – (Edwardian) Cars built between 1 Jan 1905 and 31 Dec 1918.

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C – (Vintage) Cars built between 1 Jan 1919 and 31 Dec 1930.

D – (Post Vintage Thoroughbred) Cars built between 1 Jan 1931 and 31 Dec 1946.

E – Cars built between 1 Jan 1947 and 31 Dec 1961 (up to 31 Dec 1960 for single seater and two seater racing cars).

F – Cars built between 1 Jan 1962 and 31 Dec 1965 (from 1 Jan 1961 for single seater and two seater racing cars and up to 31 Dec 1966 for Formula 2).

G – Cars built between 1 Jan 1966 (1 Jan 1964 for Formula 3) and 31 Dec 1971 that are no longer eligible for current Competition.

H – Cars built between 1 Jan 1972 and 31 Dec 1976 that are no longer eligible for current Competition.

Period Defined Vehicles (Rally)

Historic Category 1 – Cars first registered before 1 Jan 1968 that comply with R.19.1.1 or R.49.1.

Historic Category 2 – Cars first registered between 1 Jan 1968 and 31 Dec 1974 that comply with R.19.1.2 or R.49.2.

Historic Category 3 – Cars registered and homologated in Groups 1, 2, 3 or 4 between 1 Jan 1975 and 31 Dec 1981 that comply with R.19.1.3 or R.49.3.

Historic Category 4 – Cars registered and homologated in Groups A, N and B between 1 Jan 1982 and 31 Dec 1985 excluding any cars that were regulated out by the FIA.

Pit Lane. That part of the track that provides competing vehicles with access to and from the pits.

Pits. An area that may be provided by the Organisers for Competitors and their authorised personnel, for the purpose of servicing competing vehicles, in accordance with the SRs, and that has direct access to the Pit Lane.

Ports (Inlet/Exhaust). Openings and passages in components forming or housing the combustion chamber and/or cylinders through which inlet and exhaust gases pass.

Practice. That part of an event intended to enable a Competitor to familiarise himself with the course. In certain events, performance during practice may be used by the Organisers to determine starting order or position. Practice is subject to all the regulations governing the event.

Practising/Training Event. An event organised for the purpose of enabling Drivers to gain experience of their vehicles. To qualify as a practising/training event there must be no element of Competition, no awards, times may be recorded but not published and cars may not be started simultaneously. There may be no revenue other than from entry fees.

Production Kit Car. A minimum of ten identical cars must have been constructed within a twelve consecutive month period. The following items must be identical on all ten cars, wheelbase, track, engine type and specification, weight at front and rear wheels, body shape and material, wheel diameter, wheel rim width. (dimensions subject to normal manufacturers' [i.e. homologation] tolerances).

Production Car Autotest. An Autotest event restricted to strictly production cars as defined in the Specific Regulations, intended to encourage newcomers to the sport.

Programme. A document prepared by the Organisers of a meeting for the purpose of informing the participants and spectators about the meeting.

Promoter. Any person or body financially responsible for a Competition. The organisation shall be the responsibility of an Organising Club.

Proprietary Equipment. Equipment marketed under a trade name that is on general sale to the public.

Protest. A formal complaint, lodged within specified time limits by an entrant or Competitor, about an act or omission by another Competitor, or about the eligibility of another vehicle.

Pump Fuel

- (a) Petrol: Motor Gasoline of the type on sale to the general public from UK roadside filling stations (see Appendix 1):

LRG (unleaded), BS EN 228 (unleaded and super-unleaded).

Petrol is a product refined from crude oil that contains a large number of identifiable compounds that can typically be 250 in number. These compounds can be identified and compared to the available petrol from major oil companies and suppliers.

Unless otherwise stated or the distinction is made between leaded and unleaded petrol, the motor gasoline fuel shall meet the following: Acceptance levels for Octane Numbers will be accepted or rejected according to the Standard ASTM D.3244. Only additives to this Motor Gasoline Fuel solely for the purpose of lead replacement are allowed. Lead replacement gasoline (LRG also known as LRP): Only additives to unleaded motor gasoline, solely for the purpose of lead replacement, from Sodium, Phosphorous or Manganese are allowed, subject to application according to manufacturer's instructions and to the treated fuel complying with (B) Appendix 1. Lead in excess of EU Directive 98/70 EC requirements is illegal. This also applies to 'Free Fuel'.

- (b) LPG (Liquefied Petroleum Gas) which is of 99% wt. min. hydrocarbon composition and that is entirely gaseous at atmospheric temperature and pressure. Complying with BS ENS89.
- (c) Diesel Automotive Gas Oil (DERV) on general sale to the public at roadside filling stations in the UK, complying with BS EN 590 and EU Directive 98/70 EC (see Appendix 1).
- (d) Bio Ethanol – Only permitted to be used with the specific approval of the MSA. Specifications available from the MSA Technical Department.
- (e) Bio Diesel – Only permitted to be used with the specific approval of the MSA. Specifications available from the MSA Technical Department.
- (f) Alternative fuels not falling within the categories specified above may be permitted by specific written authorisation of the MSA, subject to compliance with any conditions of use incorporated in that authority.

The MSA reserves the right to amend these details to reflect any change occurring in the quality of fuel on general sale to the public in the UK.

Race. A Competition where two or more cars are started simultaneously from the same starting line and over the same course, and in which the winner is the Competitor who first completes a specified distance, including any handicap credit, or who completes the greatest distance in a specified time.

Racing Car. See Single-Seater Racing Car and Sports Racing Car.

Radiator/Intercooler. Mechanical part allowing for the exchange of thermal energy between two fluids (including air).

Rally. A Competition that may utilise the Public Highway and where there is an imposed average speed for Competitors, but which does not meet the requirements of a Classic Reliability Trial, Navigational Scatter event, Treasure Hunt or Road Safety Rally. The greatest speed must never form a factor for the classification. All motoring events utilising the Public Highway in England, Scotland or Wales are subject to Motor Vehicles (Competitions and Trials) Regulations. A Rally will comply with at least one of the following categories and must meet the organisational requirements laid down by the MSA. The Regulations must clearly indicate the category of Rally that is being organised.

- (a) *Economy Rally.* Designed to assess the fuel economy of Competitors' cars and in which the overall results are based on the relative fuel consumption of these cars.
- (b) *Navigational Rally.* A Rally designed to test the navigational skill of the crew.
- (c) *Road Rally.* A Rally in which the Competition on the Public Highway does not qualify for an alternative category and in which marking for maintaining a time schedule forms a substantial part of the Competition.
- (d) *Single Venue Stage Rally.* A Special Stage Rally that uses parts of stages more than four times.
- (e) *Special Stage Rally.* A Rally containing Special Stages joined by linking sections that may utilise the Public Highway.
- (f) *Twelve Car Rally.* A Rally complying with one of the above categories that falls within the provisions of automatic authorisation under the Motor Vehicles (Competitions and Trials) Regulations (where applicable). The category must be indicated in the title of the event (i.e. Economy Twelve Car Rally, etc).
- (g) *Vintage Rally (or Run).* A Rally complying with one of the above categories and restricted to vehicles built prior to 1st January 1941 (including Post-Vintage). The category must be indicated in the title of the event (i.e. Vintage Twelve Car Rally, etc).
- (h) *Veteran Rally (or Run).* A Rally or Run restricted to vehicles built before 1 Jan 1919.
- (i) *Historic Special Stage Rally.* As (e) above, but participation is limited to cars complying with the appropriate Technical Regulations for Historic Special Stage Rally Vehicles.
- (j) *Historic Road Rally.* As (c) above, but participation is limited to cars complying with the appropriate Technical Regulations for Historic Road Rally Vehicles.

- (k) *Endurance Road Rally.* A Road Rally where a substantial proportion of the Competition takes place on the highway, timed to the minute, and which shall also include Special Tests on private property which may be timed to the second.
- (l) *Trophy Rally.* A supplementary event to a main rally, which may be provided by Organiser's to permit Competitors who retire from the main event, the opportunity to have further Competition. Vehicles must be re-scrutineered for conformity. Competition may only commence at a predetermined time during the event. These Competitors may run behind the main event or be re-introduced into their original seeded position, at the Clerk of the Course's discretion. Results should be displayed and awards may be presented. The intention to promote a Trophy Rally must be included within the published event regulations.
- (m) *Practice/Training Rally.* A Practice Event may be promoted as a supplementary event, to permit Competitors who retire from the main event, the opportunity to gain further experience of their vehicles. The intention to provide a Practice Event must be included within the published event regulations. Vehicles must be re-scrutineered for conformity. Competition may only commence at a pre-determined time during the event. These Competitors may run behind the main event or be re-introduced into their original seeded position, at the Clerk of the Course's discretion. There will be no results or awards.

Rallycross. A timed event with several cars starting simultaneously that takes place on a closed circuit with a combination of sealed and unsealed surfaces.

Rallysprint. A title reserved for special events run with the specific approval of the MSA that can only take place at MSA licensed venues.

Recognised Group. A club or association that does not have individual members but consists of a number of independent clubs, registers or associations, that need not themselves be Recognised Organising Clubs.

Record. The best result obtained under the prescribed conditions.

Registered Member of a Club. Any Member of a Club, other than an Honorary Member, who has been duly elected and accepted for membership for at least 12 months or the balance of the Club's current membership year. Any form of membership that permits the holder to compete in club events, must also entitle such a member to be present and vote at General Meetings of the Club.

Regional Association. An Association of Organising Clubs that has been formed by and on behalf of the MSC.

Restrictor. Any device with stated orifice and minimum thickness 3mm of non-porous material, imposed or inserted either in an inlet tract for the purpose of controlling the passage of the air/fuel mixture into the induction system and/or combustion chamber, or inserted in the exhaust tract to control the passage of exhaust gases.

Road Book or Route Card. A document supplied to Competitors instructing them how to proceed from one point to another, and containing such information as to the controls and checks that they are to visit during the

(B) Nomenclature and Definitions

event, how they will establish that they have visited checks not manned by officials, details of tests, etc.

Road Safety Rally. An event organised with the intention of promoting Road Safety and falling within the provisions of automatic authorisation under the Motor Vehicles (Competitions and Trials) Regulations (where applicable). Such events may qualify for an exemption of permit.

Road Section. Any section of the route of a Special Stage Rally (excluding control and service areas) whether on the public highway or not that links Special Stages.

Rollover Protection System (ROPS). Multi-tubular structure installed in the cockpit and fitted close to the bodyshell, the function of which is to reduce the deformation of the bodyshell (chassis) in case of an impact. (See K1 – Roll-Over Protection Systems.)

Saloon Car. See Touring Car.

Scheduled Speed. The average speed calculated from the time allowed to Competitors to cover a certain distance. In the case of highways this distance shall be that determined from 1:50,000 Ordnance Survey maps (or equivalent local maps) along the route specified by the Organisers, or if no route is specified by the shortest route.

Section. That portion of the route of a Competition between two controls, or that portion of a route of a Competition to which specific requirements apply, eg:

- (a) *Standard Section.* Any section of a Rally where a penalty is imposed for late arrival or arrival before Scheduled Time.
- (b) *Neutral Section.* Any section of a Rally where the Organiser must impose an early arrival penalty and, where applicable, a maximum lateness penalty and where a Competitor is supplied with supplementary information by the Organiser that requires the crew to observe special restrictions as to their driving behaviour and being a section where a Competitor may not make up time.
- (c) *Observed Section.* A section of a Trial that has to be traversed non-stop to avoid penalty.
- (d) *Regularity Section.* A section of a rally in which Competitors are required at all times to adhere to a set speed and in which adherence to that speed may be checked at intervals during the section. The start and finish must be clearly defined.
- (e) *Transport Section.* Any section of a rally, being at least four miles in length, where no penalty is applied for early arrival, other than in accordance with R.10.5, but where applicable, a maximum lateness penalty can be applied. A section whose sole purpose is to transport Competitors between other types of section.

Series Production Car. A car of which at least 1,000 identical examples have or are being manufactured within a twelve consecutive month period.

Series Production Engine. An engine sourced from a series production car. The origin of the cylinder head and cylinder block must always be established.

Servicing. Work carried out on the car by any person, other than the competing crew, or the use of any part or tools not carried in the competing car.

Shortest Route. The shortest route between two points using only public highways, unless specific permission has been obtained for the use of private property and all Competitors so informed.

Silhouette. The outline of the original body shape, in the side and plan view, of the vehicle above a line drawn through the front and rear hubs.

Single Seater Racing Car

- (a) Unless period defined, the construction of the vehicle must be symmetrical, i.e. when the vehicle is lifted laterally and weighed without the Driver, the half weight on either side must be equal to half the overall weight $\pm 5\%$.
- (b) It must be possible to enter or leave the Driver's seat without it being necessary to remove or detach any part of the vehicle, other than the steering wheel, side impact protection systems, including those incorporating the head rest, or seat belts/harnesses.
- (c) The Driver, sitting in the driving position, must face forward.

Social Run. A non-competitive run for likeminded participants where there is no other purpose than the camaraderie of motoring in company to a predetermined point and which is not within the jurisdiction of the MSA.

Solar cell. A photo voltaic element which is used to convert solar radiation into electrical energy.

Solar electrically powered vehicle. Vehicles solely propelled by the direct or indirect conversation of solar energy.

Solar module. Several solar cells making up one mechanical unit.

Space frame chassis. A structure constructed of individual tube components of any section.

Spare Wheel. A wheel with tyre suitable to be used as a replacement for one in use on the vehicle.

Specialist Production Car. A car of which at least 20 identical examples are manufactured within a twelve consecutive month period and fitted with a series production car engine.

Special Stage. A section of a Rally, on roads or land for which the event has exclusive access, or on public roads closed by Government legislation specifically permitting closure for motor sporting purposes, where the marking for maintaining a time schedule forms a part of the Competition.

Special Test. A test, permitted only in road rallies other than those with any standard sections timed to an accuracy of less than a minute, which takes place off the public highway in which a Competitor is required to perform a manoeuvre or series of manoeuvres set by the Organisers. If timed, the Competitor shall not be required to exceed an average speed of 30mph or 40mph for Endurance Road Rallies. No benefit shall accrue to any Competitor exceeding the set average speed.

Specialist Competition Engine. An engine, other than a Series Production Engine or motorcycle engine, of four cylinders and normally aspirated, no greater than 2,500cc.

Speed Event. An event in which cars run individually, even though two or more individual runs may be taking place concurrently, over a course exceeding 200m in length and in which the relative performance of the Competitors is assessed by timing them over a given distance. The winner, or the most meritorious performer, is the Competitor who covers the distance in the least time. The term will include hill climbs, sprints, slaloms, drag races, autocross and other similar events.

Spill Kit. See Environmental Spill Kit.

Spoiler. See Aerodynamic Device.

Sponsor. A person or body making a contribution, financially or in kind, towards the promotion of a Competition or of a Competitor.

Sporting Trial. A trial in which the marking during the event is mainly based upon ability to climb hills or traverse difficult sections and in which the distance upon a highway does not exceed 50 miles.

Sports Car. A car having either a non-detachable or a detachable roof with no more than one door on each side and a minimum of two seats situated one on each side of the longitudinal centreline. The two seats must be crossed by the same transversal plane. Interior dimensions must be inferior to the minimum dimensions applicable to Touring Cars.

A minimum of 100 cars must have been constructed within a 12 consecutive month period.

Sports Racing Cars. Two-seater open or closed racing car, built for the sole purpose of taking part in races on closed circuits. Closed cars must have a windscreen and two doors (one on each side of the cockpit).

Standard Part. Is a part, the specification, features, location and method of operation of a part are as provided when new by the motor manufacturer for the model and date of car as shown on the entry form.

Standard Pattern Part. Replacement part that has a similar form shape and features as the standard part and is made using similar materials and manufacturing processes e.g. A standard part manufactured by a non original equipment supplier that is fully interchangeable with the standard part.

Start. The start is the moment when the order to start is given to a Competitor or Competitors, or when a Competitor crosses the starting line actuating automatic timing equipment.

Starting Line. A starting line is the first control line on a course.

Sub frame. Part fastened to the bodyshell or chassis and/or ROPS to which are attached parts of the suspension and/or drive train.

Subjective Route Notes. Information relating to a Special Stage, prepared by an MSA registered supplier, which is available to all competitors in an event.

Supplementary Regulations (SRs). Compulsory document issued by the Organisers of a Competition with the object of laying down the details of that Competition.

Suspension. A person or body shall be said to be suspended when he has for a certain period been forbidden to take part in any Competition.

Suspension (Vehicle). The system(s) by which sprung movement is provided between the main chassis structure and the road wheels. Suspension will be deemed to consist of all the partly sprung components that move relative to the main chassis structure for the purpose of making connection between it and the entirely unsprung parts but not including components exclusively concerned with steering, braking and power transmission.

- (a) *Suspension mounting:* the member or component attached to the chassis on which the moving element(s) of the suspension is mounted.
- (b) *Suspension mounting points:* the point(s) on the chassis and the mounting that forms the centres of attachment to the chassis.
- (c) *Suspension locating point:* the point in the mounting about which the suspension articulates.
- (d) *Suspension bush:* considered in relation to a suspension mounting or another suspension member it may have one of two forms:
 - (i) a lining of an external element that rubs directly upon an inner element,
 - (ii) a pre-manufactured and catalogued unit within which all articulation is provided.
- (e) *Suspension bush housing:* the aperture in the suspension member that supports and locates the suspension bush. In the case of the MacPherson strut top mountings the bush housing is considered to be the suspension mounting.
- (f) *Sprung suspension:* a suspension system with the weight of the car supported by discrete springing media none of which may come within the definition of a 'Temporary Part'. Flexible mounting bushes are unacceptable as springing media.

Taster Event. An entry level competition where to encourage first time participation in Motorsport, participants will be deemed to be a member of the club for the day. Clubs may organise no more than one of each type of prescribed event per year to recruit new members and participants.

Telemetry. Telemetry is the means of transfer of information and/or data from a data source to a data receiver without a cable. In motor sport applications, the term telemetry usually refers to "uni-directional" transfer of data to the pits whilst the vehicle is on the circuit, without any acknowledgement signal being transmitted by the pit based equipment. "Bi-directional" telemetry, which describes and facilitates full transfer of data in both directions, is not permitted.

Temporary Part. A part that differs in type or material from that normally used on or that which has a short useful life expectancy.

Test. A Competition held on private ground, in which a Competitor is required to complete one or a series of manoeuvre as laid down by the relevant instructions (see also Autotest).

Time Card. A document upon which the time of a Competitor's arrival at or departure from a Control is recorded. A time card may or may not be incorporated in a Road Book or Route Card.

Touring Assembly. An activity organised with the primary object of assembling tourists at a point determined beforehand.

(B) Nomenclature and Definitions

In a Touring Assembly:

- (a) a prescribed route may have to be followed.
- (b) pre-arranged points may be provided for in the event's itinerary,
- (c) no limits of speed may be laid down,
- (d) no requirement to visit prearranged points, other than a requirement to report at a final point not later than a specified time, are permitted
- (e) no awards of any description, other than those in relation to activities arranged at the finishing point may be made or given.

Where any or all of the above points become a mandatory part of the itinerary the Event will be subject to the requirements of Route Authorisation (Motor Vehicles (Competitions and Trials) Regulations).

The Regulations for the event must be clearly endorsed 'Touring Assembly', and before publication the consent in writing of the MSA and its approval of the regulations for the Touring Assembly have first been obtained, by issue of a Certificate of Exemption, and where the route runs through the territory of an ASN other than the MSA, that R.1.3 of these Regulations has been complied with.

The programme of a Touring Assembly may include additional events (other than speed) provided that they are held only at the place of final assembly.

No prize money may be allocated in respect of Touring Assemblies.

Touring Car. Series Production cars of which at least 2,500 identical examples are, or have been manufactured, within a twelve consecutive month period and which are equipped with a minimum of four adult size seats, an integral non-detachable roof, a minimum of two doors, one on each side of the vehicle and meet the dimensional requirements shown in K Appendix 2, Drawing No. 61.

Track (other than a Special Stage). That part of a course that may have a sealed or unsealed surface, that is designated to be used by Competitors. Its boundary may be the edge between its surface and the adjoining ground or a dotted or continuous

painted line on a sealed surface, or as indicated by markers.

Track Licence. The written approval of a track by the FIA or the CIK-FIA (International Track Licence) or by the MSA (National Track Licence).

Traction battery. The collection of all battery packs which are electrically connected for the supply of energy to the power circuit.

Treasure Hunt. An event involving the solving of certain problems in which the use of a car is merely incidental as a means of transport and the skill or experience of a Driver plays no part. If the event utilises the Public Highway, it shall be run in accordance with the Motor Vehicles (Competition and Trials) Regulations. Such events may qualify for an exemption of permit.

Trial. A number of tests on private ground with the object of bringing the car to an involuntary stop

Trucks. Two-axle road tractors, with a minimum production of 50 units during any 12-month period, duly certified by an official document from the manufacturer. The general shape of the tractor unit must correspond to the shape of a road-going tractor unit homologated for the transportation of merchandise.

Unitary Construction. A vehicle construction method whereby metal and/or composite materials are welded, riveted or bonded into a single structure to form both chassis and bodywork as a single structure.

Venue. The whole area or areas used for an event under the control of the organising club and/or venue owner(s).

Wheel. Flange and rim. By complete wheel is meant flange, rim and tyre.

Windscreen. A rigid transparent shield located in front of vehicle occupants to protect from the wind and airborne particles.

World Record. A record recognised by the FIA as the best performance irrespective of class.



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THE ROAD TRAFFIC ACT 1988/91

From 1 July 1992, the offences of dangerous, careless and inconsiderate driving of a mechanically propelled vehicle on a road (sections 1, 2 and 3 of the Act as amended by the Road Traffic Act 1991) also apply to a public place. The extension of road traffic law to public places has important consequences for those who take part or organise events involving motor vehicles in fields, parks or other areas where the general public is admitted either free of charge or on payment of an entrance fee.

The above offences do not apply to those taking part in 'authorised' motoring events when driving in a public place other than a road, provided they are driving in accordance with the appropriate authorisation for that event. Section 13A allows for the 'disapplication of sections 1 to 3 for authorised motoring events' and provides powers for The Motor Vehicles (Off-Road Events) Regulations 1995 which introduces a system for authorising events.

The MSA is an 'Authorising Body' under these Regulations.

Copies of the Road Traffic Act 1988 and 1991 and The Motor Vehicles (Off-Road Events) Regulations 1995 are available online at www.legislation.gov.uk

Attention is drawn to MSA Regulations D4.5 and D6.

It is not illegal to organise or take part in an unauthorised motoring event in a public place, but drivers and riders should be aware that they are liable to prosecution if they drive dangerously or carelessly.

There are many kinds of motoring events. Different rules are appropriate to minimise risk to participants, spectators and other members of the public who may be present.

A precise definition of 'event' or 'public place' cannot be given. If there is any doubt organisers are advised to seek legal advice. Authorising bodies should consider whether the event requires drivers to drive dangerously. It is not the purpose of the Regulations to legitimise unnecessary dangerous driving, nor is it desirable to authorise an activity which is likely to be regarded as an event as this could give drivers a false sense of security.

It is not foreseen that courts would regard purpose built stadiums, where the public have no access to the place where the event is staged, as a public place.

(B) Nomenclature and Definitions

Appendix 1: Tables

PUMP FUEL – MOTOR GASOLINE

	BS EN 228 (Unleaded)	Test
MON (max)	89.0	EN ISO 5163
RON (max)	100.0	EN ISO 5164
Oxygen % (max)	3.7% w/w	Elemental
	LRG (Unleaded)	Test
MON (max)	89.0	EN ISO 5163
RON (max)	100.0	EN ISO 5164
Lead (max) g/l	0.005	ASTM D3341/IP362/EN 237
Oxygen % (max)	2.7% w/w	Elemental

Certain of the above values are additional to those specified in the standards referred to.

PUMP FUEL – DIESEL

	BS EN 590	Test
Density 15° kg/m ³ (max)	845	EN ISO 3675/EN ISO 12185
Cetane Number (max)	58	EN ISO 5165/EN 15195
Calculated Cetane Index (max)	58	EN ISO 4264
Sulphur Content mg/kg (max)	10	EN ISO 20846/EN ISO 20884

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(B) Nomenclature and Definitions

CONVERSION TABLES

Distance	Temperatures	
1 mile = 1760 yards 1 kilometre = 1000 m 1 yard = 3 ft 1 metre = 100 cm 1 foot = 12 in 1 centimetre = 10 mm 1 inch = 2.54 cm 1 foot = 30.48 cm 1 yard = 91.44 cm 1 mile = 1.609344 km 1 millimetre = 0.03937 in 1 centimetre = 0.3937 in 1 metre = 39.37 in 1 kilometre = 0.62137 miles	Celsius -5 0 5 10 15 20 25 30	Fahrenheit = 23 = 32 = 41 = 50 = 59 = 68 = 77 = 86
Weight	Speed	
1 ton = 2240 lbs 1 tonne = 1000 kg 1 stone = 14 lbs 1 kilogram = 1000 gr 1 pound = 16 oz 1 ounce = 28.35 gr 1 pound = 454 gr 1 stone = 6350 gr 1 ton = 1016.05 kg 1 gram = 15.43 grains 1 kilogram = 2.205 lbs 1 zentner = 110.23 lbs 1 tonne = 0.984 ton	KPH 50 80 100 150 200 MPH 25 50 70 100 150	MPH 31 50 62 93 124 KPH 40 80 112 161 241
Fluid	Fluid weights	
1 gallon = 4 qts 1 litre = 10 dl 1 quart = 2 pints 1 litre = 1000 ccs 1 pint = 20 fl ounces 1 cc = 1 ml 1 fl ounce = 0.028 l 1 pint = 0.568 l 1 quart = 1.136 l 1 gallon = 4.546 l 1 cc = 0.061 cu ins 1 litre = 61.026 cu ins 1 litre = 1.760 pints 1 litre = 0.22 galls	Water Petrol Diesel LPG	10 lbs per gallon 7.4 lbs per gallon 8.3 lbs per gallon 5.2 lbs per gallon 1.0 kg per litre 0.74 kg per litre 0.83 kg per litre 0.52 kg per litre
Distance per Capacity	Pressures	
1 mile per litre = 4.5 mpg 1 km per litre = 2.824 mpg 100 km per litre = 282.4 mpg	atu 0.25 0.50 1.00 2.00 5.00	psi = 3.56 = 7.11 = 14.23 = 28.46 = 71.15
Distance per Capacity	Power	
	Horsepower: 1hp = 0.7457kW 1kW = 1.341ps	1ps = 0.7354kW 1kW = 1.3625hp
	Torque: 1lbs ft = 1.3559 Nm 1Nm = 0.7375lbs ft	

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General

1.1. Each of the following is a breach of these Regulations and/or Supplementary Regulations and will lead to disciplinary action being taken.

1.1.1. Bribery or attempt, directly or indirectly, to bribe any person having official duties in relation to an event or employed in any manner in connection with an event acceptance of or offer to accept a bribe by an official or employee.

1.1.2. Any action having as its object the entry or participation in an event of:

- (a) A vehicle ineligible therefore and/or,
- (b) A person who is not the holder of a licence appropriate to the event concerned.

1.1.3. Any fraudulent and/or otherwise dishonest act or proceeding in connection with an event and/or motor sport generally.

1.1.4. Any proceeding and/or act prejudicial to the interest of the MSC and/or motor sport generally.

1.1.5. Driving in a manner incompatible with general safety, and/or departing from the standard of a reasonably competent driver.

1.1.6. Any contravention of Flag or Light Signals (Q.5).

1.1.7. Any contravention of these Regulations in respect of alcohol or dope.

1.1.8. Misbehaviour or Unfair Practice.

1.1.9. Abusive language or behaviour, physical assault, or threats of physical assault within the area under control of the Organising Club.

1.1.10. To organise, advertise, enter for, drive in,

officially at, or in any manner whatsoever take part in, a competition, or championship, not organised in accordance in all respects with these Regulations.

1.1.11. For any competitor to bet on an event for which he has an entry.

1.1.12. For any person involved in an event whether as competitor, official or organiser:

- (a) to make use of information which can properly be regarded as privileged for the purposes of obtaining or endeavouring or attempting to obtain financial gain whether directly or indirectly by or from betting.
- (b) to fail to disclose to the MSA any information relating to the commission of any offence under (a) above.
- (c) to withhold information relating to the commission of any offence under (a) above when requested to disclose such information by the MSA.

1.1.13. Dishonored Payments. Failure to honour a payment to the MSC, MSA, or to a Recognised Club or Event Organiser, will result in suspension of Licence until payment of the full amount, plus charges, has been made.

1.1.14. Persons Disqualified Elsewhere

Any person disqualified or suspended by the Governing Body of any other sport recognised by the MSA shall be reported to the MSC National Court and in the event that the reason for such disqualification or suspension would, had the matter involved these Regulations, be a breach of these Regulations then the National Court shall be entitled to impose any penalty as it would have done had the breach occurred under these Regulations.

Disciplinary Officer

1.2. The MSA will appoint a Disciplinary Officer whose function will be to advise whether disciplinary action should be taken by the MSA in respect of any breach of Regulations. In the event that the MSA decides to take action, the Disciplinary Officer will either prepare and present the case personally, or arrange independent legal representation. The Disciplinary Officer will personally represent or instruct someone on his behalf to represent the MSA on all other matters before the National Court where it is considered appropriate.

Penalties

2.1. Any Promoter, Organiser, Official, Entrant, Competitor, Passenger, Driver, Mechanic or other Person committing a breach of these Regulations or of any conditions attached to an organising Permit, or of any Instruction to Competitors, or of any special Track Rules may be penalised as hereinafter provided.

2.1.1. The penalties that may be inflicted are, in order of increasing severity, as follows:

Note: Throughout these sections an asterisk(*) indicates a requirement for additional information to be printed in the Supplementary Regulations (SRs).

Text shown in Italics indicate a Regulation which may be amended in the SRs.

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- (a) Reprimand (2.4).
- (b) Fine (2.4).
- (c) Time Penalty (or Position Penalty – Karts or Grid Place Penalty – Circuit Race) (2.3) or qualifying lap time(s) disallowed (Q12.6.1).
- (d) Exclusion (2.5).
- (e) Suspension (2.6).
- (f) Disqualification (2.7).

One or more of the above may be imposed as appropriate.

2.1.2. The National Court may also, in addition to any penalty:

- (a) Declare the results of an event null and void.
- (b) Order the return of any awards, or annul championship points.
- (c) Order the return of all, or part of Entry Fees.
- (d) Order the downgrading of any MSA licence. Once downgraded such licence may be upgraded by fresh signatures alone.
- (e) Impose such other conditions as it thinks fit.

2.1.3. Suspension of Penalty. The National Court may, at its sole discretion, order that any of the penalties detailed in 2.1.1 be suspended for a specified period of time. Should the competitor be found guilty of a subsequent offence, details of that offence will be forwarded to the MSC for the National Court to consider whether the suspended sentence should be activated in addition to any penalty imposed for the subsequent offence.

2.1.4. When a penalty that incurs penalty points is imposed by the Clerk of the Course, or the Stewards of the Meeting, details must be recorded on the Judicial Summary Sheet together with the number of penalty points imposed.

2.1.5. Penalty points will be imposed for the following offences:

- (i) Driving – breach of 1.1.5, Q14.2, Q14.4 (with the exception of Q14.4.2.), Q14.6 and/or
- (ii) Failure to comply with flag or light signals
- (iii) General Conduct – Abuse, physical assault or threats of physical assault. Refusal to obey the instructions of an Official.

2.1.5.1. For Karting only 2.1.5.(i), driving, and 2.1.5.(ii), failure to comply with flag or light signals does not apply.

2.1.6. Stop-Go' or 'Drive Through' penalties (Q12.6), are not subject to penalty points and neither is there any right of appeal.

2.1.7. The number of points will be determined not by reference to the type of offence but by reference to the type of penalty imposed.

- (i) Verbal warning – 0 points (not recorded on licence)
- (ii) Formal written reprimand – 2 points
- (iii) Fine, Time, Grid Place or Position penalty – 3 points
- (iv) Exclusion from practice, heat, race or an event – 4 points
- (v) Exclusion from the meeting – 6 points.

2.1.8. Should a competitor receive twelve penalty points within a period of twelve months, it will result in the suspension of his licence for three months, in addition to any other penalty imposed. Subject to 2.1.10 once the period of suspension is complete the penalty points relied on for suspension will not count further under this regulation.

2.1.8.1. For Karting a competitor who receives three recorded, non-technical, penalties within twelve months will receive a formal warning issued by the MSA. Should the competitor, within three months of the formal warning receive any further, non-technical, penalty this will result in the immediate suspension of his licence for three months, in addition to any other penalty imposed. This does not however remove the provision of 2.1.8. being imposed for points accrued in accordance with 2.1.5.(iii)

2.1.9. Any competitor whose licence is suspended may request a hearing before the National Court to show why his licence should not be suspended, or should be suspended for a lesser period than three months. Initially, such a request, containing a brief statement of the grounds for the request, and accompanied by the appropriate non-refundable fee as set out in Part 3, Appendix 1, must be submitted in writing to the MSA Disciplinary Officer to be received within 10 days from the date of the MSA letter giving written confirmation of the suspension of the licence. The submission of such a request will not affect the Suspension, which will remain in force pending the decision of the National Court.

2.1.10. The National Court shall have no jurisdiction to consider the competitor's guilt in respect of the offences detailed in the relevant endorsements. The competitor must show that the consequences of a suspension will cause exceptional hardship meriting his licence not being suspended at all, or for a lesser period than three months.

The National Court may uphold the suspension, impose a lesser period of suspension or remove the suspension and impose an alternative penalty to suspension.

2.2. Variation to Judicial Procedures. By sanction of the MSC the Regulations for the British Touring Car Championship are permitted to vary the judicial procedures in respect only of driving offences contrary to General Regulation 1.1.5 or 1.1.6 in order that:

- (a) Penalties not referred to in these Regulations may be imposed.
and/or
- (b) The structure of Appeals and consequential procedures permitted by the applicable Regulations for the Championship may be varied from that contained in these Regulations.

2.2.1. In the above event the current British Touring Car Championship Regulations will replace the part or parts of these Regulations that have been varied.

2.3. Time Penalty (G.5.3). The Clerk of the Course, or the Stewards of the Meeting, may impose a penalty of up to 10 seconds (or up to one minute if a race of more than 30 miles) on any competitor considered to have obtained an unfair advantage (whether inadvertently or not) in a race. The penalty may be imposed after the race has finished.

2.3.1. At kart races, where a licensed timekeeper is not present a time penalty cannot be applied, but a competitor may be moved back up to five places in the results in lieu of a time penalty. Where a licensed timekeeper is present either a time penalty or place penalty may be imposed.

2.3.2. At kart races a competitor, who after a hearing convened by the Clerk of the Course, is deemed to have gained an unfair advantage or has disadvantaged another competitor by the manner of his driving will be penalised by a Position Penalty of 5 places, or 1 lap, in the results of that race or timed qualifying. This penalty may not be substituted by a time penalty nor does it preclude further action under 1.1.5. if deemed necessary after the hearing.

2.3.3. At Race meetings, up to a 10 Grid Place Penalty may be applied at a driver's future Race, only where that penalty can be applied during that Meeting or the contested Championship or Series.

2.4. Sentence to a Reprimand or a Fine. A reprimand or a fine may be imposed by the Clerk of the Course, the Stewards of a Meeting or the National Court, provided that any fine imposed shall not exceed the amount specified in Part 3, Appendix 1.

2.4.1. Time Limit for Payment of Fines. Fines or Costs must be paid within 7 days of being imposed. Any delay in making payment may result in suspension of licence for the period during which the amount remains unpaid, beyond the said period of 7 days.

2.4.2. Liability to Pay Fine and/or Costs. Where an Entrant responsible for the payment of any fine and/or costs, then in the event of nonpayment, they the Entrant can be suspended in the same way as the person on whom the fine or costs have been levied.

2.4.3. Allocation of Proceeds from Fines. The proceeds from all fines are remitted to the MSA who will use them only for the provision of prizes, training, or for charitable purposes.

2.5. Sentence of Exclusion. A sentence of exclusion from all or part of an event can be imposed by the Clerk of the Course, the Stewards of the Meeting or the National Court. This can be imposed retrospectively.

2.6. Suspension. A person, body, vehicle or make of vehicle shall be said to be suspended when forbidden, by the National Court and exceptionally under 2.6.2 or 2.6.3 by the Stewards of the Meeting, to take part in any competition for a stated period. The National Court may, at its discretion, restrict the suspension to certain categories or types of event.

2.6.1. Suspension renders void entries made for any event taking place during the suspension, and any entry fee paid or payable will be forfeited to the Organising Club (unless the SRs for the specific event stipulate otherwise [H.31.1.2(e)]). The Competitor concerned shall immediately return his licence to the MSA.

2.6.2. For offences involving abusive language or behaviour, physical assault or threat of physical assault, the Stewards of the Meeting after holding an enquiry can impose an immediate suspension of licence for up to 30 days. On imposing such a sentence, the Stewards should confiscate the Licence of the person concerned which will be forwarded to the MSA, together with a report on the enquiry.

The matter may then be considered by the MSC National Court, who can impose a further penalty if appropriate.

Where Stewards of the Meeting, are satisfied that a physical assault or a threat of physical assault has occurred, then no appeal against their sentence is allowed.

2.6.3. If the Stewards of the Meeting, after holding an enquiry, are satisfied that a contravention of 1.1.5 was of a serious nature, and the maximum penalty of 30 days is imposed, the matter may also be referred by the MSA to the MSC National Court, who may impose a further penalty.

2.6.4. Delay in handing in a licence in accordance with 2.1.8., 2.6.2 or 2.6.3 will automatically result in the extension of the suspension by a period equal to the delay.

2.7. Disqualification. The penalty of disqualification should be reserved for exceptionally grave offences. Any disqualified person, body, vehicle or make of vehicle is permanently forbidden by the National Court to take part in any competition whatsoever, nationally and internationally.

Details will be notified to the FIA.

2.7.1. Disqualification renders void any previous entry made for any competition, and any entry fee paid or payable will be forfeited to the Organising Clubs, (unless the SRs for the specific event stipulate otherwise [H.31.1.2(e)]).

2.7.2. All disqualified Licencees must immediately return their licences to the MSA.

2.8. Suspension or Disqualification of a Make of Vehicle. The National Court can suspend a make of vehicle within its own territory for breach of these Regulations by the manufacturer or his accredited representative, or for reasons of safety.

2.9. Reciprocity of Penalties The MSA will not issue a licence and will withdraw any licence already issued to any person who is suspended or disqualified by either the Auto-Cycle Union or the Speedway Control Board (subject to right of appeal to the National Court).

2.10. Loss of Award. Any competitor excluded, suspended or disqualified in any event shall thereby forfeit all right to any award in that event.

2.10.1. Amendment of Placing and Awards.

In such cases the resulting amendment to the placings and awards will be published and the body imposing the penalty will decide whether the next competitor(s) in order (after those placed) shall be advanced.

2.11. Publication of Penalty. Every licence holder is deemed to agree that the FIA, the MSA and the MSC all have the right to publish details of any decision of the National Court, penalised persons, bodies, vehicles or makes of vehicle, and if it so desires, the reasons therefore. Those individuals and bodies referred to have no right of action against the FIA, the MSA or the MSC, or against any printer or publisher of the information, and may incur further disqualification if any such action is taken.

2.12. Remission of Penalty. The National Court has the right to remit any unexpired term of a suspension or disqualification, as it may think fit. Requests for remission of sentence must be submitted in writing to

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the National Court, accompanied by a non-returnable fee as detailed in Part 3, Appendix 1. Whenever possible, the same Court which applied the original penalty will deal with the application and entirely in writing, with no right to an oral hearing.

Technical Eligibility Checking

3. Technical Eligibility Checking

3.1. Whenever possible any eligibility inspection should be by two members of the Technical Commission, or by the Chief Scrutineer of the event and one member of the Technical Commission. They will then be considered as Eligibility Judges of Fact.

3.1.1. If the Eligibility Judges of Fact agree that the vehicle or component is ineligible, this will be reported to the Clerk of the Course (or the Championship Stewards where the Clerk of the Course has no championship function) who, after giving the parties the opportunity to be heard, will exclude the vehicle from the relevant results unless there are exceptional reasons why this should not be done.

This Regulation does not preclude a Scrutineer reporting a vehicle as being ineligible to the Clerk of the Course (or the Championship Stewards where the Clerk of the Course has no championship function). They will take appropriate action.

3.1.2. The findings of the Eligibility Judges of Fact or the Scrutineer, as the case may be, will also be reported to the MSA who may take further action, including referring the matter to the National Court.

3.2. If a vehicle or component is not made available for an eligibility examination as required by the Technical Commissioners, the Clerk of the Course, the Championship Organisers or their respective Stewards, it will be deemed ineligible and reported to the Clerk of the Course or the Championship Stewards, as the case may be, for the application of the penalties as detailed in 3.5.1 or 3.5.3.

3.3. Any vehicle found ineligible after practice, but subsequently approved before a race, will have all its practice times disallowed. The Clerk of the Course may Permit it to start from the back of the grid with a 10 second delayed start, providing that it does not take the place of any vehicle already qualified (whether a reserve or not). Penalties laid down in 3.5.1 or 3.5.3 would not be applied (Q.4.6).

3.4. Competitors whose vehicles are subject to a pending eligibility check must advise this fact in writing to the Clerk of the Course of any event in which they wish to take part. The results of any such event will remain provisional until the eligibility decision has been made. Failure to inform the Clerk of the Course will result in a fine as detailed in Part 3, Appendix 1.

3.5. In the event of a vehicle being declared ineligible for a Championship, all Race or Kart Championships will apply the penalties as detailed in 3.5.1 and all other Championships as detailed in 3.5.3. Penalties may be applied even if a Competitor has retired from an event. The MSA may insist on additional conditions being included in Championship Regulations.

3.5.1. Unless the regulations for a Championship specify a different penalty, any Competitor in a Race or Kart Championship whose vehicle is excluded from the results in accordance with 3.1.1 or 3.1.2, will be subject

to the following Championship penalties. These will be applied whether the Championship is for Drivers, Entrants or manufacturers.

- (a) The event will be counted as one of the events contributing to their total Championship score and
- (b) The Competitor will be excluded from the event, forfeiting all Championship points, prize money and other awards and
- (c) The Competitor will forfeit a total of points equal to those obtained from two first places, even if this penalty results in a minus total of points.

3.5.2. The penalty imposed under 3.5.1(c) can only be waived by the MSC National Court on Appeal, but the Secretary of the Meeting, the Clerk of the Course, or their deputies, must be notified of the Intention to Appeal (7.1.4). This penalty will only be waived in exceptional circumstances. Championship Co-ordinators do not have the power to decide whether a penalty should be applied or waived.

3.5.3. Any Competitor taking part in a Championship (other than Racing and Karting) for Drivers, co-Drivers, Entrants or manufacturers, whose vehicle is declared ineligible in accordance with the Championship Regulations will be penalised as follows:

- (a) They will score zero points for that round and
- (b) The round will count as one of the events contributing to their total Championship score.

These penalties may not be decreased, but may be increased, by the Championship regulations which can only be applied by the Championship Stewards after a hearing. Penalties imposed can be appealed to the MSC, but the Championship Stewards must be informed of the Intention to Appeal in accordance with 7.1.4 Penalties will only be reduced in exceptional circumstances.

3.5.4. Deleted.

3.5.5. A special procedure as detailed in 7.2 applies in respect of any Appeal against an Eligibility decision (including the application of 3.5.1(c)).

Fuel and Tyre Checking

4.1. Fuel Checking. It shall be an offence to use fuel which does not comply with the fuel specification laid down in the Technical Regulations, or the SRs for the Event (or Championship).

4.2. The analysis of a laboratory on the UKAS list in respect of the MSA fuel sample, or by an approved comparison test, will be taken as a finding of fact.

4.2.1. The provisions of 3.5 will apply in the case of fuel found to be ineligible and additional penalties may be applied by an MSC Tribunal.

4.3. Tyre Checking (Karting)

It shall be an offence to use a tyre which does not comply with the tyre specification laid down in the Technical Regulations, or the SRs of the Event (or Championship).

4.3.1. The analysis of a laboratory on the UKAS list (or a laboratory approved by another ASN in respect of U20.3.4.) or by an MSA approved comparison test, will be taken as a finding of fact.

4.3.2. The provisions of 3.5 will apply in the case of a tyre or tyres found to be ineligible (in accordance with U20) and additional penalties may be applied by an MSC Tribunal.

Protests

5.1. Protest Against a Fellow Competitor

The right to protest lies solely with the Entrant or Competitor who is a party to a dispute about an act or omission of another Competitor in an event in which they have taken part. At International Events, only the Entrant can lodge a protest, unless the Competitor produces written authorisation to act on behalf of the Entrant.

5.1.1. The Clerk of the Course, acting in his official capacity, may take such action as he may deem proper in any circumstances regardless of whether a protest has been lodged.

5.1.2. Every protest, which must be in writing, must include the grounds for the protest, must be signed by the party making the protest, and accompanied by the payment laid down in Part 3, Appendix 1. 13. It must be lodged with the Secretary of the Meeting, the Clerk of the Course, or their deputies (G.3.2), within the appropriate time limit.

Where facilities exist for immediate payment by electronic transfer of funds of the above fees, then payment by such method is acceptable.

5.1.3. A single protest lodged by more than one competitor, or a single protest against more than one competitor, will not be accepted but more than one individual protest may be accepted on the same grounds.

5.2. Time Limit for Protests

5.2.1. A protest against another Competitor must be made within 30 minutes of the finish of the competition.

5.2.2. A protest against the eligibility of any vehicle, or part of vehicle:

- (a) When the reason for the alleged ineligibility is apparent – within 30 minutes of the time laid down for conclusion of the relevant scrutineering session;
- (b) When the reason for the alleged ineligibility is not apparent, but it is alleged that the vehicle is performing in a manner which suggests that it is

ineligible, or if a part or parts may have been changed after scrutineering – within 30 minutes of the performance that gives rise to the protest.

5.2.3. The Clerk of the Course may amend the above time limits if he thinks that the circumstances make the lodging of a protest physically impossible within the time quoted. If he decides to deal with a protest 'out of time', by doing so he will be deemed to have extended the time limit.

5.3. In the event of a protest against the eligibility of a vehicle or engine, the Clerk of the Course shall order that the vehicle or engine will immediately be examined or, on the request of the competitor protested against, or the Technical Commissioner or Scrutineers, sealed for subsequent examination (J.3.1.5).

5.3.1. The Technical Commissioner or Scrutineer sealing the vehicle or component shall furnish the Clerk of the Course, and the Competitor, with details of the seals used, their number and position.

5.3.2. The sealing of any vehicle or component shall be carried out in the presence of the Competitor protested against.

5.3.3. In default of agreement between the parties, the Clerk of the Course, in consultation with the Stewards of the Meeting will determine a realistic estimated cost of stripping and re-assembling the car/component. This sum is to include the MSA Technical Commissioner's fee as set down in Part 3, Appendix 1 as a maximum figure to cover inspection costs. Unless the car/component can be examined immediately, the amount of this estimated cost must be deposited with the MSA by the protester within 7 days, and no examination will commence until it has been received. Failure to lodge the said amount within the time limit will result in the protest lapsing.

5.3.4. The Clerk of the Course will ensure that arrangements are made for the equipment to be examined with the least possible delay (J.3.1.5). The party making the protest is not entitled to be present at this examination.

5.3.5. The Technical Commissioner or Scrutineer will report his findings to the Clerk of the Course, who will adjudicate on any contraventions of the Technical Regulations. After giving the parties the opportunity to be heard, the Clerk of the Course will apply the penalties prescribed by the Regulations. If dismantling has been involved and the protest has proved unfounded, the Competitor who lodged the protest shall pay the reasonable costs of preparing the vehicle

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or parts for examination, dismantling and reassembly, together with the Examiner's Fees. The amount deposited with the MSA as estimated costs may be used as a contribution towards these costs.

5.4. Adjudication of Protests. Any protest shall be adjudicated upon by the Clerk of the Course, subject to the rights of appeal provided by these Regulations.

5.4.1. The Protest Hearing must take place as soon as practicable and all parties given notice of the hearing. They are entitled to call witnesses, but must state their case in person and not through an advocate. In the absence of any of the parties, or in the absence of their witnesses, the Clerk of the Course may make a decision, providing he is satisfied that any party concerned is aware of the time and place of the hearing or has left the event in contravention of H.33.1.6. If a decision cannot be given at the conclusion of the hearing, all parties must be advised of the time and place at which the decision will be given.

5.5. Distribution of Awards. Where a protest is lodged, the distribution of any affected prize must be withheld until either it has been adjudicated upon or no intention of appeal has been lodged within the time allowed. The list of awards relating to such a prize must be declared provisional.

5.5.1. If, after the distribution of prizes, a decision is made which affects the results of a competition, any Competitor to whom a prize has been awarded but who is adjudged to be ineligible must return the prize to the Organisers on demand.

5.6. Forfeiture of Protest Deposit. Unless otherwise decided by the Clerk of the Course, protest deposits will be forfeited if the protest is not upheld. A protest can be withdrawn before the hearing, but the protest deposit will only be refunded at the Clerk of the Course's discretion.

5.7. The Clerk of the Course must report any Protests lodged to the Stewards of the Meeting. Any author of a Protest thought to have acted in bad faith by the Stewards will be deemed guilty of breach of these Regulations and may be penalised accordingly.

Appeals

6.1. Appeals to the Stewards of the Meeting against a decision of the Clerk of the Course or of any other Official of the Meeting.

6.1.1. Any Entrant or Competitor shall have the Right of Appeal to the Stewards of the Meeting against any penalty or decision given by the Clerk of the Course or another Official of the Meeting except that there shall be no Right of Appeal against the report of a Judge of Fact.

6.1.2. A Right of Appeal does not exist for third parties in respect of a published decision of the Clerk of the Course arising out of Disciplinary or Protest Hearings, i.e. a Right of Appeal against such decisions exists only for the parties in those proceedings.

6.1.3. It should be noted, that Technical Eligibility Appeals are not heard by the Stewards of the Meeting but are referred directly for consideration by the National Court. (See special procedure 7.2.)

6.2. Appeals must be submitted in writing stating the grounds for the appeal, must be signed by the party

making the appeal, and accompanied by the fees laid down in Part 3, Appendix 1. 13. Appeals must be lodged with the Secretary of the Meeting, the Clerk of the Course, or their deputies (G.3.2.4) within the appropriate time limit.

Where facilities exist for immediate payment by electronic transfer of funds of the above fees, then payment by such method is acceptable.

6.3. Time Limit for Appeals

Nature of Appeal	Time Limit
(a) Appeals against the acceptance of an entry, Instructions to Drivers or the length of the course	<i>Race and Speed Events:</i> not less than one hour before the start of practice. <i>Other Events:</i> not less than one hour before the start of the competition
(b) Appeals against handicap, make up of a heat, or qualification for a heat or final	Not less than one hour before the time laid down for the start of the competition, heat, or final
(c) Appeals against a decision of a Scrutineer or Technical Commissioner, by the Competitor directly concerned	Within 30 minutes of that decision being notified to that Competitor
(d) Deleted	
(e) Appeals against any mistake or irregularity occurring whilst the competition is taking place	Within 30 minutes of the appellant finishing the competition
(f) Appeals against a decision of the Clerk of the Course not falling within (a) to (e) inclusive	Within 30 minutes from the time of the first communication of the decision to the Competitor. If the party(ies) concerned are not present when the decision is announced, within 30 minutes of the posting of the decision on the Official Notice Board. (H33.1.6)
(g) Appeals against a decision of the Stewards of the Meeting	Within 30 minutes from the time of the first communication of the decision to the Competitor (subject to 7.1.5(b))
(h) Appeal against a decision of the Stewards of the Meeting	Within 30 minutes from the decision being verbally announced

6.3.1. The Stewards of the Meeting may amend the above time limits if they think that the circumstances make the lodging of an appeal physically impossible within the time quoted. If they decide to deal with an appeal 'out of time', by doing so they will be deemed to have extended the time limit.

6.4. Appeal Hearings. The Stewards of the Meeting shall hear any appeal as soon as practicable. All parties shall be given notice of the hearing. They shall be entitled to call witnesses, but shall state their case in person. Advocates may not be present at any hearing of

the Stewards. Parties, and their witnesses, shall be given the opportunity to be heard. In the absence of any of the parties or their witnesses, the Stewards may make a decision providing that the Stewards are satisfied that any party concerned is aware of the time and place of the hearing or has left the event in contravention of H.33.1.6. If a decision cannot be given at the conclusion of the hearing all parties must be advised of the time and place at which the decision will be given.

6.5. Championship Appeals. Appeals arising out of a Championship classification, or points, will be adjudicated upon by the Championship Stewards appointed for that purpose by the Championship Organisers.

6.5.1. An appeal against points awarded (or not awarded) in a Championship must be lodged within 7 days of the first publication of the points in dispute in an official document (i.e. interim championship results, programme, etc.).

6.6. Forfeiture of Appeal Deposit. Unless otherwise decided by the Stewards for special reasons, the Appeal Deposit shall normally be forfeit if an Appeal fails for any reason.

The National Court

7.1. Appeals to the National Court.

7.1.1. A right of Appeal against a decision of the Stewards of the Meeting, or Championship Stewards, to the National Court can only be made:

- (a) By a person or body who was a party in the proceedings in which the decision appealed against was made, and
- (b) In accordance with the provisions 7.1.3.

7.1.2. A Right of Appeal does not exist for third parties

7.1.3. The following are the only grounds for lodging an Appeal against the decision of the Stewards of the Meeting or the Stewards of a Championship:

- (a) A gross miscarriage of justice has occurred
- (b) The penalty is wholly inappropriate for the breach of regulations.

7.1.4. Notice of Intention to Appeal (7.1.5) and Confirmation of Appeal (7.1.6) must be lodged in accordance with these Regulations

7.1.5. Notice of Intention to Appeal.

- (a) A written Notice of Intention to Appeal against a decision of the Stewards of the Meeting, accompanied by the correct fee (see Part 3, Appendix 1) must be lodged with the Secretary of the Meeting, the Clerk of the Course, or their deputies (G.3.2.4) (or the Co-ordinator of the Championship in the case of an appeal against the Championship Stewards) within 30 minutes of the time of the first communication of the decision.
- (b) If the party(ies) concerned does not attend the hearing, the decision must be sent to them by first class mail, and any Notice of Intention to Appeal, together with fee, must be received by the Secretary of the Meeting not later than seven days after the date of posting. A copy of such Notice of Intention must also be lodged with the MSA at the same time. (H.33.1.6)

7.1.6. Confirmation of Appeal. Within ten days of the Notice of Intention, written Confirmation of the Appeal, signed by both the Appellant and the Entrant (if appropriate), must be submitted to the Clerk to the National Court at Motor Sports House. This Confirmation must specify the Grounds of Appeal (7.1.3) and the arguments in support.

7.1.7. The Clerk to the National Court will refer the matter to a Chairman of the National Court who will advise within ten days as to whether the Appeal is considered to meet with either of the permitted grounds of Appeal (7.1.3). If the Appeal is considered not to comply or is withdrawn, it will lapse and the Appeal fee will be forfeited. If the Appeal is considered to meet either of the specified criteria, the Clerk will arrange for the National Court to be convened.

7.1.8. In respect of all Appeals admitted to the National Court, the Appellant must, not later than ten clear days before the notified appeal hearing date, submit to the Clerk to the National Court, a skeleton argument in writing. This skeleton argument must:

- Identify all regulations involved
- Identify all Appellant's witnesses
- Specify the factual basis of the Appeal, including the evidence to be given in support of the Appellant.

7.1.9. Where an Appeal, or Protest, is in respect of an incident involving any other party in addition to the Appellant or a Protestor, the Clerk to the National Court will forward a copy of the Appeal and this Skeleton Argument to such other party who within 10 days must file his response.

7.1.10. In the case of Appeals listed at short notice, the Clerk to the National Court may, with the agreement of all parties, alter the timetable for the delivery of skeleton arguments.

7.2. Eligibility Appeals.

7.2.1. A special appeal procedure (6.1.3) applies in the case of any appeal against a ruling in respect of eligibility of a vehicle or against the imposition of 3.5.1(c). These Appeals are not heard by the Stewards of the Meeting but are referred directly for consideration by the National Court.

- (a) A written Notice of Intention to Appeal accompanied by the correct fee (see Part 3, Appendix 1) must be lodged, with the Secretary of the Meeting, the Clerk of the Course, or their deputies (G.3.2.4) within 30 minutes of the decision being notified, unless that decision is notified only in writing, in which case any Notice of Intention to Appeal, together with fee, must be received by the Secretary of the Meeting not later than seven days after the date of posting. A copy of such Notice of Intention must also be lodged with the MSA at the same time.
- (b) The Secretary of the Meeting/Clerk of the Course must inform the Technical Commissioner/Chief Scrutineer that Notice of Intention to Appeal their decision has been lodged as soon as such a Notice is received.
- (c) Within ten days of the Notice of Intention to Appeal, both the appellant parties and the Technical Commissioners/Scrutineers concerned must submit to the Clerk to the National Court, in writing, the detailed reasons for appealing, or of

coming to the decision complained of, quoting regulation numbers, technical specifications etc as relevant.

- (d) Copies of these submissions will be sent to the opposing parties, and also to any other party directly involved by the Appeal, with a further ten days allowed for written comment.
- (e) Copies of these written comments will be sent to opposing parties and, where any entirely new matter has been raised, a further seven days will be allowed for written response on that specific point.
- (f) All these written submissions and any associated exhibits will then be considered by the National Court, who will adjudicate on the matter.
- (g) There will be no right to an oral hearing.

7.3. Effect of Giving Notice of Appeal.

7.3.1. The lodging of an Appeal against a decision of the Clerk of the Course, or the giving of Notice of Intention to Appeal against a decision of the Stewards of the Meeting, does not suspend any penalty that may have been applied or endorsed, during the event out of which the decision has arisen. Thus no Competitor may continue to compete 'under appeal'.

7.3.2. After the conclusion of the event out of which a decision has arisen, if Notice of Intention to Appeal against a Stewards' decision has been given, the operation of any sentence or decision will be suspended until the disposal of the Appeal by the National Court. If a sentence of suspension is upheld, the Competitor concerned will be excluded from the results of any competition in which he has competed pending the hearing of the Appeal. In coming to a judgement, the National Court can take into account any benefit the Appellant may have gained through appealing.

7.4. Time Limits

The National Court has authority to extend the time limits for admission of appeals in such circumstances as are considered, at its sole discretion, to be appropriate in the interests of justice.

7.5. Judgement on Appeal to the National Court

The National Court can decide that a penalty or other decision appealed against can be waived, varied or a fresh penalty imposed. However it can not order any competition to be re-run. Court decisions are normally given at the end of a hearing, but exceptionally can be reserved, and a written decision (including reasons) sent to all parties as soon as practicable.

8. Disciplinary Hearings

8.1. The National Court is empowered to decide cases brought before it by the MSA for breaches of these regulations and to impose any appropriate penalty and any order for costs.

9.0. Investigatory Hearings

9.1. If it appears to the MSA from a Steward's Report or otherwise that there may have been a breach of these Regulations, an incorrect or improper declaration of results of a competition, breach of condition of permit, defect, default, omission, irregularity or inconsistency

("the Issue") the MSA at its discretion and no later than 60 days from the Issue coming to the attention of the MSA, shall be entitled to refer the Issue to the National Court provided always that the Issue has not previously been considered by the National Court, except as permitted under 9.1.1. Upon such referral the National Court, after giving interested parties an opportunity to be heard, may make such order as it deems appropriate. If the National Court concludes that a breach of these regulations may have occurred it may deal with the Issue either forthwith or defer it to a later date and in either case may impose such a penalty, and any order for costs as it considers appropriate.

9.1.1. In circumstances where the MSA is satisfied that a new element in respect of the Issue is discovered, the MSA may within 60 days refer the Issue back to the National Court for further consideration and, if appropriate, the possible revision of their previous decision, notwithstanding that the Issue has already been considered by the National Court.

10. Arbitration

10.1. The National Court shall be empowered at its sole discretion to arbitrate between competitors, club and other recognised bodies, and one another on any matter directly connected with Motor Sport. This arbitration can be requested by those concerned, or initiated by the MSA. Liability for the costs of the arbitration may be ordered by the Court who are also empowered to make such order in respect of the terms of the arbitration as they think fit. Any party requesting arbitration must pay a non-refundable fee as detailed in Part 3, Appendix 1.

11. Anti-Doping Hearing

11.1. The National Court shall be convened as an Anti-Doping Court at the instigation of the MSA.

12. Hearings of the National Court

12.1. All parties concerned in any hearings held by the National Court must be given adequate notice of the hearing, and (except for matters before an Eligibility Appeal Hearing 7.2) are entitled to call witnesses, give evidence and be represented by an advocate if they choose. The name of any advocate must be advised to the Clerk to the National Court prior to the hearing date. The hearing can proceed to a decision whether or not any or all parties are present.

13. Costs

13.1. In giving a decision, the National Court can award costs to cover its own expenses, together with those incurred by the MSA. These will exclude the expenses or defence fees incurred by the individual parties. Any costs incurred in bringing or responding to an action before the National Court must be borne by the party incurring the cost. Exceptionally, in the case of an Investigatory hearing (9), the Court may order the payment of costs against an individual party.

Judicial Notes for Guidance

Notes for Guidance are now published in Part 3, Appendix 4.

GET REVVED UP *and get involved*



Go Motorsport is the MSA's campaign to attract newcomers to get moving and get involved in our sport, whether it is behind the wheel, as part of the organising team or in the grandstands.

You already know first-hand that there is nothing quite like the buzz of being part of a motor sport event, so why not help others to get the bug too?



HELP SPREAD THE MESSAGE

GET A TASTE FOR IT:

Encourage your club to put on a taster event to give new people the chance to have a go for the first time.

TAKE A MATE:

Why not take someone along to their first event and see the look on their face when they realise that they can do it too.

DO SOMETHING SPECIAL:

Get involved in National Motorsport Week and help your club organise some kind of activity or event to spread the word.

GO BACK TO SCHOOL:

Organise for your club to make a presentation in a local school, invite the local paper and increase awareness of what you do.

CONTACT YOUR RDO:

Speak to your local Regional Development Officer (details on the Go Motorsport website) and work with them to benefit your club.

ANY OTHER IDEAS?

Let us know what you want to do, or just do it!

For all further information, visit
www.GoMotorsport.net
or email info@GoMotorsport.net

GoMotorsport.net
Get moving. Get Involved

MSA

Common Regulations for Organisers

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General

1. Competitions may only be organised in the territory of the MSA by:

- (a) The MSA or
- (b) A Club or Clubs registered by the MSA in accordance with A.4.0.
- (c) Any other organisation approved by the MSA for the promotion of motor sport.
- (d) Authorised Entrants organising a Speed Record Attempt.

Registration of Clubs (A.4.0)

2. No Club may organise an event unless it has first applied for registration with the MSA on the appropriate

Note: Throughout these sections an asterisk (*) indicates a requirement for additional information to be printed in the Supplementary Regulations (SRs).

Text shown in italics indicates a Regulation which may be amended in the SRs.

form, is a member of an MSA recognised Regional Association (A.4.3.1) and has paid the appropriate annual registration fee (see Part 3, Appendix 1).

Fixture List

3.1. All events at National 'B' or higher status must be inscribed on the MSA Fixture List.

3.1.1. Events at a lesser status than National 'B' must be listed on a Regional Association fixture list.

3.1.2. To have an event entered on the Fixture List, a club must:

- (a) Apply before a date to be specified annually, or
- (b) If after this specified date, apply a minimum of two clear calendar months before the month in which the event is proposed.
- (c) If an already notified date is to be changed for any reason apply as (b) above.

3.2. Applications made under 3.1.2 (b) or (c) may be subject to a fee detailed in Part 3, Appendix 1 (except in the case of recently Registered Clubs) and will be advised by means of an official announcement and, with the exception of rallies requiring a CAO authorisation, may be subject to objection from Regional Associations or clubs whose dates for a similar type of event have already been listed. Such objection must be made within one month of the date of publication.

3.2.1. The organisers of any event inscribed on the MSA or Regional Fixture List which is cancelled may be liable for a fee as detailed in Part 3, Appendix 1.

3.2.2. All International events must be inscribed on the International Calendar as prescribed by the FIA. All National Competition with Authorised Foreign Participation (NCAFP) must be inscribed on the relevant ASN's National Calendar as prescribed by the FIA. Separate fees are payable to the FIA in respect of inscription. Information as to the procedure can be obtained from the MSA (4.3.1(d)).

3.2.3. All competitions (including Training Events) must be run in accordance with these Regulations unless specific exemption is given before a permit is granted.

Necessary Permission

4.1. No Event or Championship shall be held unless the MSA has signified its approval by granting an organising Permit or the event is of a kind for which the MSA has granted exemption from these Regulations (5).

4.1.1. Applications for permit must be made on a form prescribed by the MSA not less than the following time before the event:

- (a) International or National 'A' – 8 weeks.
- (b) National 'B' – 6 weeks.
- (c) Clubmans – 4 weeks.

(d) Championships – in accordance with details in appropriate Specific Regulations (7) (Section W).

4.1.2. Failure to comply with time limits (a), (b) or (c) will render the Club liable to a fee specified in Part 3, Appendix 1.6 on the first occasion and increased fees for any subsequent breach.

4.1.3. Any application for Permit not made as prescribed may be refused or returned for resubmission, as may any application from a club which has failed to discharge any requirements or indebtedness to the MSA in respect of previous events.

4.1.4. The MSA reserves full rights to add or modify any conditions attached to the Permit even after it has been granted, and may decline to grant or may withdraw a Permit without stating a reason.

4.1.5. Events of National 'B' or higher Permit grade may not be authorised when a club has not organised an event of the same grade and type within the preceding two years, unless upgraded in accordance with the specific regulations.

4.1.6. The scope of a Permit includes approval of the title of an event (the titles Grand Prix, British, United Kingdom, UK etc. are reserved for events or championships organised by, or for, the MSA) and permission to televise or broadcast the event.

4.1.7. No event shall be publicised by the issue of regulations or in any other way without the prior approval of the MSA in writing. The issue of a Permit constitutes such approval.

Permit Fees

4.2. The scale of fees payable to the MSA on the grant of an organising Permit are laid down in Part 3, Appendix 1.

Grade of Events

4.3. Clubs will start by organising events of Clubman grade and will only be allowed a higher grade after successful upgrading.

4.3.1. The following Permit definitions apply.

- (a) Clubmans – Events confined to members of the organising club and not more than fifteen invited clubs. Clubman events may not form part of any Championship other than a Championship restricted to the organising club. Additional regulations applying to certain Clubmans events are detailed in 4.5 below.
- (b) National 'B' – Events confined to registered members of the organising club, of other invited clubs, Associations or Groups or (in certain special circumstances) persons having some other particular qualification which shall be agreed in advance by the MSA.

Organising clubs may invite:

- 45 Clubs provided that the names of those clubs are published in the SRs
- or any number of Registered Championships and 4 Regional Associations and/or Recognised Groups.
- (c) National 'A'. Events open to any holder of a valid competition licence issued by the MSA and any holder of a valid competition licence acceptable to the MSA.

(d) International (A.2.3). Events open to any holder of a valid International competition licence issued by the MSA, or any foreign competitor holding a valid FIA International competition licence.

4.3.2. A National 'B' or National 'A' event (non-race), may be a part of any number of championships. All competitors in those championships, where appropriate, must be registered and produce their registration card at signing-on. In all cases the championship(s) must have been registered with or exempted by the MSA (3.2.3) and the registration number shown in the SRs.

4.3.3. In a National 'B', or Clubmans event, only registered members of such clubs which have specifically been invited and are listed in the regulations for the event shall be eligible to compete.

4.3.4. If a club wishes to extend an invitation to all other clubs in a Regional Association or Recognised Group it must first obtain that Association or Group's authorisation.

4.3.5. Any events detailed above in 4.3.1(a), (b), or (c) may invite foreign participation subject to the event being entered on the National Calendar under the heading: 'National Competition with Authorised Foreign Participation' (NCAFP). For further details please contact the MSA's Permit Department.

Upgrading Requirements

4.4. A club requiring an event to be upgraded for the following year must apply to the MSA at least eight weeks before the event so that an observer may be appointed.

4.4.1. A fee will be charged for his attendance.

4.4.2. No separate observer will be appointed if an MSA Steward will be attending.

4.4.3. In addition to satisfactory reports from the appointed MSA Stewards or Observers, certain minimum requirements must have been attained before applications for upgrading, or to British Championship status, will be considered.

4.4.4. These are detailed under the appropriate Specific Regulations.

4.4.5. Additional requirements or changes of date, may be specified by the MSA before acceptance.

Clubmans Permits

4.5. Clubmans Permits for the following types of event must comply with 4.5.1. to 4.5.4.

- (a) 12 Car Rallies.
- (b) Navigational Scatters.
- (c) Sporting Trials.
- (d) Car Trials.
- (e) AutoSolo.
- (f) Autotests.
- (g) Production Car Autotests.
- (h) Cross Country Trials (Untimed).
- (i) Cross Country Tyro Trials.
- (j) A Veteran Car Rally (or Run) (R.17.3).
- (k) Classic Reliability Trials.
- (l) Navigation Rallies limited to 20 cars not being part of a championship.

(D) Organisers

4.5.1. Application must be made to the MSA not less than four weeks prior to the event.

4.5.2. Applications to the MSA do not need to be accompanied by a copy of the Supplementary Regulations for the event. SRs must be prepared however in accordance with the relevant parts of 28 and made available to all competitors before the start of the event and if requested, the MSA.

4.5.3. Competitors will not require any form of competition licence, other than a club membership card.

4.5.4. Events in 4.5. (b) to (k) may form part of a Regional Association Championship provided that all Competitors participating or scoring in such a championship hold a Clubmans Competition Licence.

4.5.5. Unless there has been any incident involving loss or damage to persons or property, in which case full details must be submitted to the MSA, the only documentation required after the event is the completed permit form along with correct fee.

4.5.6. Clubs may organise no more than one event of each type prescribed in 4.5 per calendar year as a "Taster Event" where, provided the MSA has granted specific approval, members of unrecognised clubs or members of the public may participate but not officiate and will be deemed to be a member of the club for the day.

Events Exempt from these Regulations (Certificate of Exemption)

5.1. Clubs organising events of the type specified below may be granted a Certificate of Exemption providing application is made to the MSA not less than four weeks prior to any announcement of the event.

5.1.1. A Certificate of Exemption from these Regulations indicates that there is no right of appeal to the MSC and that provided the MSA has granted specific approval members of unrecognised clubs or members of the public may participate, but not officiate, at such events.

5.1.2. Any of the following events which are run commercially for profit will be levied a facility fee in accordance with Part 3, Appendix 1 at the discretion of the MSA.

- (a) A Touring Assembly as defined in The Terminology and in which there is no individual timing except for the purpose of preventing competitors travelling too fast or too slow.
- (b) A Gymkhana held entirely on private ground.
- (c) A Treasure Hunt run in accordance with R.17.2.
- (d) A procession for charitable or historic purposes.
- (e) A Concours d'Elegance.
- (f) A Road Safety event run in accordance with R.17.1.
- (g) An approved Driver's Training day or Special Demonstration for non-speed events. A charge may be made by the MSA for such events.
- (h) A Cross Country Promotional Event in accordance with P.9.
- (i) An Economy Run held in accordance with R.16.2.

5.1.3. An event complying with 5.1.2 (b), (c) or (h) organised for Cross Country Vehicles may not be considered suitable for the normal insurance

arrangements for this type of event and will be charged a normal per capita insurance and permit fee. Such events must be clearly identified on application.

5.1.4. Following the event, copies of all published documents issued for the event must be sent to the MSA.

5.1.5. The following special events may qualify for a Certificate of Exemption, and will be charged a facility fee in accordance with Part 3, Appendix 1 at the discretion of the MSA:

- (a) Rallysprints.
- (b) Any other event not provided for in the General Regulations which the MSA deem to be appropriate.

Permission of National and Local Authorities

6.1. No Permit, or Certificate of Exemption, will be granted by the MSA, unless the organisers have first obtained such official permission as may be necessary from the competent governmental or local authority.

6.1.1. Competitions taking place on the public highway must conform with the laws of the country in which they take place. Any breach of such laws by a competitor or driver during a competition shall be a breach of these rules and may be dealt with accordingly.

6.1.2. Any event utilising the Public Highway in England, Wales or Scotland is subject to the provisions of the Motor Vehicles (Competitions and Trials) Regulations.

6.1.3. The Road Traffic Act 1991 includes regulations which make dangerous or careless driving in a public place an offence. Section 13A of that act provides for the Motor Vehicles (Off Road Events) Regulations 1995 and the issue of an MSA Permit exempts competitors from the appropriate sections of the Act (Sections 1, 2 & 3) whilst driving within the rules of the competition.

Championships

7.1. All championships, or awards depending on the results of more than one competition or meeting, must be approved by the MSA by the issuing of a Permit. Championship or Series must be submitted to the MSA by the co-ordinating organisation on the prescribed form.

7.1.1. A permit and/or facility fee may be charged for such approval.

7.1.2. The MSA reserves the right to charge a Promoter's Permit fee (Part 3, Appendix 1).

7.1.3. Exceptionally Championships for Autotests, any form of un-timed Trial, Navigational Rallies, 12 Car Rallies, Scatters and Internal Club Challenges (unspecified events on unspecified dates) which are confined to bona fide members of the organising club are exempt from registering with the MSA.

7.1.4. Detailed definitions of the categories of Championship, and Regulations for their approval, are printed on the notes accompanying the Championship Permit Application Form.

7.1.5. The right to a championship title resides with the body who originally registered that championship.

However, where a championship was originally proposed by a commercial body, that body shall have the right to nominate or change the organisers of that championship, subject to the terms of their contract.

7.1.6. The registration of a championship for a specific class of vehicle does not give the Championship Organiser the right to prevent other championships for that class of vehicle (subject to the authority of the MSA).

7.1.7. Championship Organisers may specify in their Championship Regulations procedures for the gathering of on-board data logging information.

7.1.8. The organisation and control of a championship shall at all times rest with the championship permit holder, subject to these Regulations.

7.1.9. Championships bearing the title International, European, British, National or other titles which mean to convey the same impression are normally reserved for series promoted by, or on behalf of, the MSA. Organisations wishing to make application for such a series or to be associated with such a series, should seek separate approval from the MSA prior to application for a Permit.

7.1.10. Championships bearing the title British and including one or more qualifying rounds of International status events, where those rounds are also rounds of an FIA Championship, must submit their Championship calendars by 31st May in the preceding calendar year for approval by the Motor Sports Council.

Championships bearing the title British and comprising International events not being rounds of an FIA Championship and/or national events must submit their Championship calendars by 31st August in the preceding calendar year for approval by the Motor Sports Council.

7.1.11. The MSA alone shall be entitled to authorise the broadcasting, transmission, audio/visual recording and moving picture rights of any MSA Championship event. Prior to any such event the organising club will arrange for the consent of the landowner to be given so that the MSA can authorise such broadcasting, transmission or audio/visual recordings to take place. For all events held on Forestry Commission land special arrangements exist with the MSA. Further details of these arrangements are available from the MSA.

7.1.12. To accrue points or any other form of recognition towards an award or title any organisation, team, company, sponsor or person must be in possession of a valid Entrant's Licence.

Official Documents

8.1. All events are governed by the following Regulations.

8.1.1. The General Regulations of The MSA which may hereafter be referred to as these Regulations or GRs (A.2.2).

8.1.2. The Supplementary Regulations, which may hereafter be referred to as SRs, published prior to the acceptance of entries by the club organising the event, which may hereafter be referred to as the Organisers. Any SR not in conformity with the GRs shall be null and void.

8.1.3. Any relevant Technical Regulations.

8.1.4. Any Official Instructions which may be issued in writing by the Organisers to competitors, to deal with particular points arising after the issue of the SRs, but if and so far as such instructions are contrary to the SRs (except as in 11) or these Regulations they shall be null and void.

8.1.5. These documents will be jointly referred to as The Regulations of the Event. (The Regulations.)

Announcement to be made on all Official Documents

9.1. All Supplementary Regulations, Programmes and Entry Forms relating to any event shall bear in a conspicuous manner the following announcement: 'Held under the General Regulations of The Motor Sports Association (incorporating the provisions of the International Sporting Code of the FIA) and these Supplementary Regulations.'

Contents of Event Supplementary Regulations

10.1. The Event SRs must contain the following information as relevant:

10.1.1. The names of the Organising Club and the Promoters.

10.1.2. The name, date, place, and nature of the proposed event(s).

10.1.3. A statement in accordance with 9.1.

10.1.4. The Permit Number and grade of Permit(s) issued by the MSA. In the case of dual Permit meetings, details of what grade of licence is required for each event/race.

10.1.5. Details of Eligible Competitors.

10.1.6. Details of any Championships incorporated in the Meeting.

10.1.7. The dates, times and places fixed for the official Scrutineering of vehicles.

10.1.8. The dates, times and nature of starts, with details of any handicapping.

10.1.9. A brief description of the proposed event(s) including length of the course, and the categories of vehicle eligible.

10.1.10. The relative positions of the vehicles at the start and how they are to be determined.

10.1.11. Requirements for practice.

10.1.12. Particulars of the identification numbers and marks to be carried (J.4, R.6, S.9.2.3) (U.17.25 to 17.28).

10.1.13. Provisions in regard to vehicles in the pits area.

10.1.14. The facts to be judged by the Judges of Fact (G.10.2) and Driving Standards Observers (G.11.1 to 11.2).

10.1.15. If television coverage is expected, competitors must be advised that restrictions on advertising will be imposed (H.28).

10.1.16. A detailed list of prizes allocated to each event.

10.1.17. The maximum and minimum number of competitors and how entries are to be selected for acceptance if in excess of the maximum (14.1). Any provision to amalgamate classes.

(D) Organisers

10.1.18. The dates of opening and closing of entries and where they shall be sent (12.1).

10.1.19. The amount of the entry fee (12.1), and provisions for the refund of entry fees (H.31.1.2).

10.1.20. Conditions in which entries may be refused (14.1).

10.1.21. Any additional information required on entry forms (12.3).

10.1.22. Whether the nomination of drivers may be delayed (12.3). Whether there is any provision to change nominated drivers.

10.1.23. Provisions regarding postponement, abandonment or cancellation (29).

10.1.24. The names of the Stewards of the Meeting, the Clerk of the Course, Secretary of the Meeting, Chief Scrutineer and Chief Timekeeper.

10.1.25. When and where Provisional Results will be published.

10.1.26. The manner in which results will be determined and prizes awarded.

10.1.27. A reminder of the Regulations concerning Protests (Section C).

10.1.28. In addition to any Parc Fermé required by these regulations organisers may, at their discretion, specify as many Parc Fermé as may be deemed by them to be necessary for the proper conduct of the event (R31.2.11).

10.1.29. All such other requirements and information as shall from time to time be specified in the Motor Sports Yearbook, the Permit Application Form, or as may be necessary for the proper conduct of the meeting.

Alteration of Supplementary Regulations

11.1. No alteration or addition may be made to the Supplementary Regulations after the commencement of the period for receiving entries unless:

11.1.1. The MSA and all competitors already entered agree in writing to the alteration, or

11.1.2. The Stewards of the Meeting so decide for reasons of safety or force majeure.

11.1.3. Where a Championship Permit has been issued, Championship Sporting and Technical Regulations may not be amended after publication unless the MSA and all competitors registered for the Championship agree in writing to the alteration. Such amendments must be circulated to all Registered Competitors, Championship Stewards, Eligibility Scrutineer, Clubs organising Rounds of the Championship and to the MSA.

11.1.4. Championships exempt from registering with the MSA do not need to comply with 11.1.3. above (7.1).

Opening of Entries

12.1. An Organising Permit having been granted, the Organisers may invite, receive and accept entries from eligible competitors.

12.1.1. Every entry form sent out by the Organisers shall be accompanied by a copy of the relevant SRs.

12.1.2. Every entrant and driver shall complete and sign an entry form and submit it to the Organisers by the appropriate date together with the entry fee (if any).

12.1.3. An entry form which is incomplete in any material particular may be accepted by the Organisers conditionally upon a completed entry form being received by a specified date.

12.1.4. An entry not accompanied by the entry fee prescribed in the regulations shall be null and void.

Entry by fax or other electronic means

12.2. An entry may be made by facsimile or by any other electronic means of communication provided it is received before the time laid down for the closing of entries, together with the entry fee (if any).

Contents of Entry Form

12.3. Entry forms shall contain the following:

12.3.1. Title and date of the event and identity of promoters/organisers.

12.3.2. A statement in accordance with 9.1.

12.3.3. Spaces for the full true names and addresses of entrant, driver(s) and passenger(s) and (if appropriate to the event) the licence number of the entrant, driver(s) and passenger(s). SRs may permit the nomination of drivers and passengers to be deferred, but no driver or passenger shall compete unless he has first signed the appropriate indemnity declaration(s) and/or undertaking(s) as required by 13.1.

12.3.4. The forms of indemnity, declaration and undertaking as appropriate in accordance with 13.1 and spaces for the appropriate signatures. N.B. If all competitors in the event hold MSA licences, 13.2.2 applies.

12.3.5. Any other information required by the SRs to be stated on the form (e.g. details of a car or details of the competitor's club).

12.3.6. For all events using the Public Highway, the entrant will also be required to supply the name and address of the vehicle's insurers and Insurance Agent (R.5.1.2).

12.3.7. Space for the name and address of a relative or friend to be informed in the case of a serious accident.

12.3.8. A statement that any indemnity and/or declaration as prescribed below which is signed by a person who has not reached his 18th birthday shall be countersigned by that person's parent or guardian, whose full names and address shall be given. An entry may be made by facsimile or by any other electronic means of communication and must be made by the parent or guardian, whose full names and address must be given (H.32).

Understandings, Declarations and Undertakings by Entrants, Drivers and Passengers (A.2.6.1) (H.24)

13.1. Every entrant, driver and passenger before taking part in any competition must sign an undertaking, declaration and indemnity as follows:

'I declare that I have been given the opportunity to read the General Regulations of the Motor Sports Association and, if any, the Supplementary Regulations for this event and agree to be bound by them. I declare that I am physically and mentally fit

and competent to take part in the event. I understand that motorsport is dangerous and accidents causing death, injury, disability and property damage can and do happen. I understand that these risks may give rise to my suffering personal injury or other loss and I acknowledge and accept these risks.

'In consideration of the acceptance of this entry I agree that neither any one of or any combination of the MSA and its associated clubs, the organisers, the track owners or other occupiers, the promoters and their respective officers, servants, representatives and agents (the "Parties") shall have any liability for loss or damage which may be sustained or incurred by me as a result of participation in the Event. Nothing in this clause is intended to or shall be deemed to exclude or limit liability for death or personal injury. To the fullest extent permitted by law I agree to indemnify and hold harmless each of the Parties in respect of any loss or damage whatsoever and howsoever arising from my participation in the Event.

'I declare that to the best of my belief the driver(s) possess(es) the standard of competence necessary for an event of the type to which this entry relates and that the vehicle entered is suitable and roadworthy for the event having regard to the course and the speeds which will be reached'.

State your age if you are under 18 . . .

13.1.1. Every entrant shall sign the following declarations (as appropriate):

- (a) In the case of Races or Speed Events:
'I declare that to the best of my belief the driver(s) possess(es) the standard of competence necessary for an event of the type to which this entry relates and that the vehicle entered is suitable and roadworthy for the event having regard to the course and the speeds which will be reached.'
- (b) In the case of any event taking place wholly or partly on publicly adopted roads:
'I declare that the use of the vehicle hereby entered will be covered by insurance as required by the law which is valid for such part of this event as shall take place on roads as defined by the law.'
- (c) If I am the Parent or Guardian of the driver
'I understand that I shall have the right to be present during any procedure being carried out under the Supplementary Regulations issued for this event and the General Regulations of the MSA.' As the Parent/Guardian 'I confirm that I have acquainted myself and the minor with the MSA General Regulations, agree to pay any appropriate charges and fees pursuant to those Regulations (to include any appendices thereto) and hereby agree to be bound by those Regulations and submit myself without reserve to the consequences resulting from those Regulations (and any subsequent alteration thereof). Further, I agree to pay as liquidated damages any fines imposed upon me up to the maxima set out in Part 3, Appendix 1.'

Where the Parent is not present there must be a Guardian who must produce a written and signed authorisation from the Parent/Guardian to act as their representative.

13.1.2. Every driver taking part in a Car or Kart Race, Speed Event or Special Stage Rally shall sign a declaration in the following form:

'I understand that should I at the time of this event be suffering from any disability whether permanent or temporary which is likely to affect prejudicially my normal control of my vehicle, I may not take part unless I have declared such disability to the ASN which has, following such declaration, issued a licence which permits me to do so.'

13.1.3. Every driver taking part in a Car or Kart Race or other event requiring that the driver has passed a medical examination shall sign an undertaking in the following form:

'I undertake that at the time of the event to which this entry relates I shall have passed or am exempt from an ASN specified medical examination within the specified period.' (H.10.1.6).

13.1.4. Every entrant shall sign the following declaration:

'I have read and fully understood the Procedure for Control of Drugs and Alcohol as contained in the Competitors' and Officials' Yearbook Regulations H39, D35.1, G15.1.4 and have also fully familiarised myself with the information on the web sites referred to (www.ukad.org.uk and www.wada-ama.org) in particular the UK Anti Doping Rules which have been adopted by the MSA (as amended). Further, if I am counter-signing as the Parent or Guardian of a minor then in addition to the deemed consent to the testing of that minor (UKAD Code Art 5.6.2) I hereby confirm that I give such consent for the minor concerned to be so tested.

13.1.5. Every entrant shall sign the following declaration:

'I hereby agree to abide by the MSA Child Protection Policy and Guidelines and the National Sporting Code of Conduct.'

13.2.1. An entry may be submitted by an agent on behalf of the entrant but in that case the entrant shall himself sign and submit an entry form as soon as possible, and in any case before the commencement of the competition.

13.2.2. In the case of events restricted to holders of competition licences issued by the MSA, or events listed on the FIA Calendar for National Events with Authorised Foreign Participation, the indemnities specified above need not be printed on the entry form but must be incorporated in the 'signing-on' documents.

13.2.3. For the purpose of completing an entry form the entrants signature may be either his signature in writing, a facsimile of his signature where the entry is made by facsimile, or in the case of web based electronic submission of entry (primarily by the use of an internet entry form), the organizer may accept that the entry has been signed in accordance with 12.1 and 13.2.2. If the entrant has positively agreed to be bound by the Regulations.

Acceptance of Entries

14.1. If the number of entries received exceeds the maximum number of competitors laid down in the SRs, those to be accepted shall be selected in the manner specified by the SRs.

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14.1.1. If no method is specified, selection shall be at the discretion of the organisers whose decision shall be final (subject to H.30.1.3).

14.1.2. A representative of any sponsor or promoter of an event, championship, or series, may not take an active part in the organisation of the competitive or technical side of that event, if any competitor in the event is entered or sponsored by the individual or firm concerned.

Nomination of Reserves

15.1. Should any competitor be rejected in accordance with 14.1 he may be nominated as a reserve.

15.1.1. The number of reserves may not exceed 30% of the number of starters permitted.

Acknowledgement of Entries

16.1. Organisers shall acknowledge entries within seven days of receipt.

16.1.1. Organisers shall at the same time inform entrants whether their entry is accepted, refused, or a decision deferred.

Multiple Entries of a Vehicle

17.1. A vehicle shall not be entered more than once in the same competition unless two entries for the same vehicle are permitted in SRs.

17.1.1. In such a case the responsibility of the entry shall be shared jointly by both entrants and the vehicle shall only compete once with the same driver.

Ineligible Entries

18. It is strongly recommended that no Organising Committee shall accept an entry from any competitor who is closely related to, employed by or employs, one of the Senior Officials of the Event.

Entry containing a False or Incorrect Statement

19. An entry which contains a false or incorrect statement shall be null and void, the entrant may be deemed guilty of a breach of these Regulations and the entry fee may be forfeited.

Closing of Entries

20.1. The date specified in the SRs for the closing of entries shall, in the case of International Events, not be less than seven days before the date of the event. For all other events, it shall not be less than three days before the date of the event.

20.1.1. Exceptionally, for Clubmans events specified in 4.5, Clubman Rallies, Trials, Autotests, or Cross Country Events, the SRs may permit entries to be accepted up to one hour before the competition starts.

Entry

21.1. (H.30.1.1). An entry made and accepted in accordance with these Regulations and any relevant SRs is a contract between a Competitor and the Organisers, by which the Competitor agrees to take part in the competition for which he has entered unless prevented by force majeure, and the Organisers agree to comply with the conditions of entry provided that the Competitor has made every effort to take part in the competition.

21.1.1. A breach of such contract may be treated as a breach of these Regulations.

Official List of Competitors

22.1. (23). The organisers should place an official list of entries at the disposal of the Stewards, Senior Officials and competitors not less than 48 hours before the commencement of the event.

22.1.1. Exceptionally when the SRs permit entries to be accepted up to one hour before the competition (20) this list must be exhibited on an official notice-board prior to the start of the competition.

Contents of Programme

23.1. It is not compulsory to publish a programme, but an official list of entries and officials must be made available to all competitors and officials by the organisers.

23.1.1. If a programme is published, it shall contain the following information as relevant:

23.1.2. A statement in accordance with 9.1 of these Regulations.

23.1.3. A copy of the warning notice as detailed in 31.1 to 32.5.

23.1.4. The name of the Organising Club.

23.1.5. Place and date of the Meeting.

23.1.6. A short description and the timetable of the proposed events.

23.1.7. The names of the Stewards of the Meeting (indicating any appointed by the MSA), the Clerk of the Course, Secretary of the Meeting, and Senior Officials.

23.1.8. A detailed list of the prizes assigned to each competition.

23.1.9. Names of the Entrants and Drivers with their allocated numbers, and the name of the invited club of which the competitor is a member.

23.1.10. It is recommended that provision is also made for a "sponsor's" name to be included.

Publishing of Entries (22)

24. The Organisers shall not enter on the programme or publish as entered the name of any competitor or driver in respect of whom they have not accepted an entry.

Rights of Organisers

25.1. The organisers may at their discretion:

25.1.1. Delete part of the course or event or ignore part of the records of the event in the case of bona fide unforeseen circumstances.

25.1.2. Distribute the awards based on intermediate results if, through bona fide unforeseen circumstances, the competition is stopped before its scheduled completion.

25.1.3. Offer additional awards.

25.1.4. Change the order in which events are run at a meeting which includes more than one competition or event, with the prior consent of the Stewards of the Meeting.

25.1.5. Forbid the participation of, or otherwise penalise, any driver or car appearing on examination to be ineligible for the competition, or a class therein, to which the entry refers.

25.1.6. Offer before the start of the competition the entrant of any driver or car liable to exclusion under 25.1.5 the option of transfer to an appropriate class, or competition, if such appropriate class or competition is scheduled at the meeting. Such offer shall be without prejudice to the imposition of other penalties.

25.1.7. Exclude any car or competitor whose appearance, condition or performance is not of a standard appropriate to the event.

25.1.8. Check the eligibility of any vehicle and/or competitor before, during or after the competition provided that intention to do so after the competition is notified to the competitor concerned within half an hour of the publication of the provisional results. If necessary, the vehicle, or components thereof, may be sealed for subsequent inspection.

25.1.9. Require a vehicle to be dismantled by the entrant in order to check its eligibility or suitability as and when directed.

25.1.10. Require such components and/or samples as may be specified to be produced by the entrant as and when directed.

25.1.11. Require the entrant to defray any costs arising from the exercise of the rights given by 25.1.8 to 25.1.10, subject to any ruling as to costs made by the Clerk of the Course or the Stewards of the Meeting should the dismantling result from a protest (Section C).

25.1.12. Permit a change of car or driver(s) from those nominated in the Official Programme of the event on written application being made by the entrant not less than half an hour before the start of practice or competition (where there is no practice) and provided that:

- (a) A change of only one or the other and not both is permitted, unless all the entrants and drivers agree in writing to such a change of both and;
- (b) No change of car is permitted which would prevent the participation in the event of a reserve entry.

25.1.13. Exceptionally, in Hill Climbs and Sprints, such permission may be given after the conclusion of practice, but before the start of competitive runs or in the case of Circuit Racing, after qualifying but before the start of the Race and are to be started from the back of grid, ahead of those with a 10 second delay, subject to the vehicle having completed 3 laps qualifying.

25.1.14. Exclude before, during or after practice or competition, any driver considered as possibly unfit by reason of health, consumption of alcohol or prohibited substances, and with the exception of road sections of Rallies or Trials, exclude any competitor found smoking whilst participating in the event (35, G.5.2, G.15 and H.39 to 45).

25.1.15. Exclude any person convicted at Law of an offence committed during the event, and report such person to the MSA (H.37.1.1).

25.1.16. Reject any claim for expenses arising from the event, incurred by any person either taking part in the event or assisting a competitor.

25.1.17. Specify the manner in which a tie shall be resolved should the provisions of the Regulations not produce a result.

25.1.18. Specify within any of the Regulations or other official communications relating to an event or within Championship regulations for an event the following:

- (a) The number and location of any Parc Fermé (R.31.2.11).
- (b) The instructions for the placement and retention of vehicles in Parc Fermé.
- (c) Specific conditions attaching to Parc Fermé and to the vehicles placed therein including:
 - (i) The carrying out of any works on the vehicles (R.38.2).
 - (ii) The addition or removal or examination of any parts or fluids on or in the vehicles.
 - (iii) The examination, interrogation or downloading of any data retained or stored by or within any medium currently known or existing in the future.
 - (iv) The persons permitted to enter and/or to remain in Parc Fermé and any conditions attaching to such persons.
 - (v) The extent to which any Parc Fermé shall be a secure area.
 - (vi) If applicable, the route to Parc Fermé.

Publication of Results

26.1. Detailed Provisional Results, in writing, must be made available for inspection by any competitor as follows:

26.1.1. Race and Speed Events – within two hours of the end of each race, or the conclusion of a speed competition.

26.1.2. Non-Speed Events – within two hours of the last car finishing the competition. or

26.1.3. Within seven days of the finish of the competition, by post to each entrant at the address given on his entry form or by electronic communication where the address is disclosed.

26.1.4. Where, through force of circumstances, it proves impractical to produce the results within two hours of the finish, 26.1.3. will apply, notwithstanding any statement to the contrary in the SRs.

26.2. The date and time of issue of all Provisional Results should be stated on them.

26.3. These Results become Final when the Protest time has expired and all official enquiries by the Clerk of the Course and/or Race Director, all technical matters, all Anti-Doping matters and all outstanding Protests and Appeals have been settled.

26.4. Within 14 days after each event the following information must be sent to the MSA:

26.4.1. A programme, or list of starters (including each starter's competition licence number when appropriate) and a copy of any Official Instructions, Route Book(s), Route Card(s), etc.

26.4.2. A copy of the results (provisional or final as the case may be).

26.4.3. A résumé of any protests, note of action to date, note of any fines imposed, etc.

26.4.4. A report of the Stewards of the Meeting (G.2.6) (This report is not essential if an MSA Steward has

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been appointed, and need only be as brief as is applicable). If hearing an appeal delays finalisation of results beyond 14 days, a final Steward's Report and a copy of the results must be submitted to the MSA when the Stewards have announced their decision.

26.4.5. The appropriate fees and any fines.

26.4.6. If appropriate, details required by Standard Condition 17 of the Motor Vehicles (Competitions and Trials) Regulations.

Payment of Starting and Prize Money and Presentation of Awards

27.1. Unless the SRs stipulate otherwise the Organisers shall distribute all awards, starting and prize money within 21 days after the results of a competition have been finalised.

27.1.1. The distribution of prizes must not commence until half-an-hour has elapsed after the publication of the provisional results of a competition.

27.2. The rewards offered in events shall be limited as follows and will only be presented to any competitor who has produced all the documentation necessary to prove his eligibility for the event:

27.2.1. No starting or appearance money shall be paid at events of below National 'A' status.

27.2.2. The return of entry fees, in whole or part, is permitted, providing such payment is equally distributed among all eligible competitors.

27.2.3. At all events up to National 'A' status, Bonus Money may only be paid by Commercial Companies in respect of individual agreements with competitors.

Unauthorised Competitions

28.1. The organisation or holding within the territory of the MSA of any vehicle competition otherwise than in accordance with these Regulations shall render every person connected therewith or taking part therein, whether as promoters, organising committee, competitor, driver, official or otherwise, liable to the consequences and penalties provided by C.1.1.10.

28.1.1. If such a competition is included in a meeting for which an organising permit has been granted, the permit may be declared null and void, and the organisers may be ordered to return to the entrants all entry fees received from any competitor at such meeting.

Postponement, Abandonment or Cancellation of an Event

29.1. A meeting or an event forming part of a meeting shall not be postponed, abandoned or cancelled unless provision for so doing is made in the SRs, or the Stewards of the Meeting have taken action under G.2.4.

29.1.1. In the event of cancellation or postponement for more than 24 hours, entry fees must be returned in full, unless the SRs have provided for a specified amount to be retained for administrative expenses.

29.1.2. Postponement shall be subject to approval by the MSA of the proposed new date.

Insurance

30.1. The MSA will arrange Insurance in respect of legal liability for all events authorised by a Permit. The Insurance specifically names:

30.1.1. The Royal Automobile Club Motor Sports Association Ltd.

30.1.2. The MSA Registered Club organising the event.

30.1.3. Their officials.

30.1.4. The entrant and driver (in races, speed events, autotest, special stages and the private land section of trials and cross-country events).

30.1.5. The landowner or any Government or Local Authority.

30.1.6. Any track or circuit owner or sponsor. Further details are given in Part 3, Appendix 2.

30.2. Attention is drawn to the exclusions detailed in Part 3, Appendix 2.

30.3. The organisers shall pay all premiums due in respect of such insurance as set out in Part 3, Appendix 1.

30.4. The organisers shall comply with the terms of the master insurance policies effected by the MSA, the principal terms of which are summarised in Part 3, Appendix 2.

Warning Notices

31.1. The following notices should be prominently displayed as appropriate.

31.1.1. At any entrance to an event or part of an event on private ground – Notice 'A'.

31.1.2. (E.2.4). Unless any enclosure is surrounded by un-climbable fencing, in the area between the enclosure and the course there shall be displayed at intervals Notice 'B' or notices stating that 'This area is Prohibited and the public are not permitted'.

31.1.3. At Race Circuits the following should be displayed:

- at the entrance gate (if any) to the pits,
- in individual pits and
- on the signalling wall opposite the pits.

'Warning, the Pits and Pit Lane are areas of potential danger and great care should be exercised at all times. Children under the age of 16 are not allowed in these areas'.

31.1.4. At any means of spectator or vehicular access to a Rally Special Stage – Notice 'C'.

31.1.5. In any area of particular danger on a Special Stage (i.e. escape roads etc.) – Notice 'D'.

32.1. These notices, which may be purchased from the MSA, should be visible at any other suitable points, so that no person may be present at the event without having them brought to their attention.

32.2. Organisers may also use a notice stating 'It is a condition of your presence that you will obey the instructions of Marshals in relation to the Safety of yourself and others'.

32.3. Admission may not be obtained to any enclosure whether or not there is a charge, without a suitable pass and/or ticket (G.13.1 to 13.2).

32.4. The programme of the meeting, all tickets, badges, tabards, labels (including car labels) and passes of admission whether for spectators or officials shall bear or be accompanied by a copy of Notice 'A'.

32.5. Where the wording is printed on the reverse side of a ticket, armlet or lapel badge, the words 'for conditions of admission see over' should appear on the face of the ticket, armlet or lapel badge.

Scrutineering

33.1. An MSA licensed Scrutineer, of the appropriate grade, must take charge of the Scrutineering Team at all Races, Speed Events, Kart Races, Road and Stage Rallies, Competitive Safaris, Hill Rallies and at all other events of National 'A' or International Status. For all other events, the scrutineering may be carried out by a suitably experienced scrutineer appointed by the organisers.

33.2. The main purpose of Pre-Event Scrutineering is to check, as far as possible under the prevailing conditions, the safety of the vehicle and safety equipment for compliance with Technical Regulations and to superficially check its eligibility for a particular class or category (G.6.7, H.32, J.3).

33.2.1. If a vehicle component or item of Personal Protective Equipment is found not to comply with required Standards or is in poor or dangerous condition the Chief Scrutineer may impound that item for the duration of the meeting. At the close of the meeting the item will be made available for return to the competitor. Should the item not be collected within 42 days of the event the item may be disposed of.

33.3. An essential part of the Pre-Event Scrutineering should be a sound test.

Procedure for the Testing of Fuel (C.4.1, C.4.2)

34.1. The following regulations must be read in conjunction with C4.1 and C4.2.

34.1.1. Fuel testing may be carried out at any time, before, during, or after a Competition on the instructions of the Clerk of the Course, Technical Commissioner, Chief Scrutineer, Eligibility Scrutineer or Steward.

34.1.2. The Clerk of the Course must always be notified of the intention to carry out fuel testing.

34.1.3. New unused MSA approved fuel sample containers, capable of being sealed by the authorised sampling official must always be used for the storage of fuel samples.

34.1.4. Three samples will be taken and must be sealed and labelled in separate MSA approved containers as per 34.1.3. Details of sealing must be notified to the Clerk of the Course. For Comparison Testing only one sample need be taken, providing the vehicle remains secured in Parc Ferme to enable subsequent samples to be taken should this first sample confirm non-compliance.

34.1.5. With the exception of samples taken for Comparison Testing, whilst the vehicle remains secured in Parc Ferme; Each sample shall be placed and sealed

in a tamper-proof evidence bag and each bag signed by:

- (i) the Chief Scrutineer or Eligibility Scrutineer and
- (ii) the Competitor.

34.2. Analysis Testing

34.2.1. Each sample must be a minimum of 1 litre.

34.2.2. Where there are less than 3 litres available, such that only two minimum 1 litre samples are available the competitor forfeits their right to select a sample (34.2.5) and the result of the MSA first test (34.2.7) will conclusively determine the compliance or non-compliance of the fuel (34.2.4).

34.2.3. If only a single minimum 1 litre sample is available, that sample alone will be tested in accordance with 34.2.7, and that test will conclusively determine the compliance or non-compliance of the fuel (34.2.4). Notification will be given under 34.5.

34.2.4. The results of all analysis testing will be compared for compliance with the relevant specification detailed in Appendix 1 of Section B.

34.2.5. Subject to 34.2.2 and 34.2.3, the Entrant is entitled to select one of the samples for their retention (the "Entrant's Sample") and to nominate a testing laboratory on the list of the United Kingdom Accreditation Service (UKAS) for the independent testing of that sample, if required as per 34.2.9.

34.2.6. The remaining samples must be delivered by the organisers to the MSA, normally within 10 days of the event.

34.2.7. The MSA will then select one of these two samples at random and arrange testing of the selected sample at a laboratory on the UKAS list. The breaking of the seal must be witnessed by an appointed representative of the MSA.

34.2.8. The result of this MSA first test will be notified pursuant to 34.5.

34.2.9. If the result of this MSA first test indicates non-compliance (34.2.4), the Entrant may, within 14 days of being notified of this non-compliance (34.2.8), submit the Entrant's Sample for testing at the laboratory nominated by them (34.2.5) and at their expense (34.6.2). The Entrant must be given the opportunity to be present at this test and the test – including the breaking of the seal(s) – must be witnessed by an appointed representative of the MSA.

34.2.10. If the Entrant does not submit the Entrant's Sample for testing within the said 14 days (34.2.9), or if the result of their test confirms non-compliance (34.2.4), the fuel will be deemed ineligible and notification will be given under 34.5.

34.2.11. If the result of the Entrant's test indicates compliance (34.2.4), then the MSA will arrange for the remaining third sample to be tested by a laboratory on the UKAS list not previously used in this particular testing process. The Entrant must be given the opportunity to be present at this test and the test – including the breaking of the seal(s) – must be witnessed by an appointed representative of the MSA.

34.2.12. Where testing takes place under 34.2.11, the MSA and the Entrant agree that the result of this third test will conclusively determine the compliance or non-compliance of the fuel (34.2.4). Notification will be given under 34.5.

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34.3. Comparison Testing

34.3.1. Each sample must be a minimum of 50ml.

34.3.2. The results of all comparison testing will be compared for compliance with the results obtained from a sample taken from the same controlled source, at the beginning of the Event.

34.3.3. Comparison testing will only be implemented where fuel for the Event is provided by the organisers for all competitors in the class(es) from a single controlled source.

34.3.4. One sample, selected at random, will be tested on-site by an MSA approved official and in accordance with MSA approved procedures, subject to Championship Regulations.

34.3.5. If the result of this test indicates compliance (34.3.2), no further action will be taken.

34.3.6. If the result of this test confirms non-compliance (34.3.2), the Entrant will be informed and will be given the opportunity to select one of the two remaining sealed samples for testing in their presence and in accordance with the same MSA approved procedures (34.3.4).

34.3.7. If the Entrant chooses not to have a sample tested, or if the result of this second confirms non-compliance (34.3.2), the fuel will be deemed ineligible and notification given under 34.5.

34.3.8. If the result of this second test indicates compliance (34.3.2), the remaining third sample will be tested in accordance with the same MSA approved procedures (34.3.4); the Entrant must be given the opportunity to be present at this test.

34.3.9. Where testing takes place under 34.3.6, the MSA and the Entrant agree that the result of this third test alone will conclusively determine the eligibility of the fuel (34.3.2). Notification will be given under 34.5.

34.4. Storage of Samples

34.4.1. Samples retained by the MSA or its authorised Officials must be stored in a secure location.

34.4.2. If there is any evidence that any seal and/or

container has been tampered with, then that sample will be deemed to have failed the relevant test.

34.5. Notification of Results

The result of either Analysis or Comparison fuel testing will be reported to the MSA or its authorised official and must be communicated to the Clerk of the Course, Technical Commissioner(s), Chief Scrutineer and Eligibility Scrutineer prior to publication (C3.1.1).

34.6. Cost of Testing

34.6.1. Unless fuel testing is specifically authorised by the MSA, the cost of testing shall be initially borne by the Club, organisation or individual requesting the test. However, whenever the conclusion of the testing procedure confirms non-compliance, then the Entrant shall be ultimately responsible for all costs and fees arising from the testing procedure.

34.6.2. Where the Entrant chooses to submit a selected sample for testing at a laboratory of their own choice (34.2.9), they will be responsible for all charges relating to that testing.

34.8. The Testing of Vehicle Fluids other than fuel

34.8.1. Three samples, each of equal volume, will be taken at the event/competition venue and must be labelled and sealed. One sample will be tested by an MSA approved official using approved test equipment in accordance with MSA approved procedures.

34.8.2. The principles applied to the testing of fuel samples in 34.3.2 to 34.7. must be followed as appropriate for the testing of such other vehicle fluids.

Procedure for Control of Drugs

35.1. Organisers should be aware that an Anti-Doping Control may be carried out at the request of the FIA, the MSA or UK Anti-Doping (UKAD). Details of the Anti-Doping Regulations are to be found in H.39.

35.1.1. Deleted.

35.1.2. Deleted.

Appendix 1: Warning Notices



Notice 'A'



Notice 'B'

WARNING!

You are approaching a

MOTOR RALLY SPECIAL STAGE

You are warned that Motor Sport is potentially dangerous and that you are present in the vicinity of the course entirely at your own risk.

Notice 'C'

WARNING!

The organisers consider this area to be one of

DANGER

Spectators are not permitted in the vicinity of the Stage at this point.

Notice 'D'

Common Regulations for Circuits and Venues

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Track Licences

1.1. MSA Track Licences may be issued to the owner or operator of a course. Where the Licence holder is not the owner, a written agreement must exist between the owner and the prospective Licence holder setting out the responsibilities of each to ensure that all requirements of the Licence are met.

1.1.1. The organisation of an event must not be announced or advertised until a Track Licence has been agreed by the MSA (Q.1). Should an unauthorised event (D.28, C.1.1.10) be held on any licensed course, the Licence may be revoked and the MSA may decline to issue any further Track Licence.

1.1.2. A current Track Licence (or a photocopy) must be displayed in a prominent position at the track, or be available for inspection in the case of a temporary track. The Licence is only valid for the days on which an MSA Event Permit has been issued and shall have no validity on days when the MSA Permit is not in force.

1.1.3. Track Licence fees are included in Part 3, Appendix 1.

1.1.4. The Clerk of the Course shall always have full control of the course (including pits and paddock) and

Note: Throughout these sections an asterisk (*) indicates a requirement for additional information to be printed in the Supplementary Regulations (SRs).

Text shown in Italics indicate a Regulation which may be amended in the SRs.

all areas between the course and enclosures from the commencement of practise until all competing cars have left the course at the conclusion of the meeting.

National Track Licence

1.2.1. The MSA can grant a National A or National B Track Licence to a Race Circuit or Speed Event venue (including Rallycross venues) for an individual meeting or a series of meetings, or, if the track is a permanent one, until the end of the current year.

1.2.2. MSA Track Licences are issued subject to the Conditions contained within them and are only valid for periods during which a valid MSA Organising Permit is also in force. The MSA can refuse to grant or withdraw a Track Licence at any time without stating a reason.

International Track Licence

1.3.1. Application for an International Track Licence for a Race Circuit or Speed Event venue must be made to the FIA through the MSA.

1.3.2. The FIA can licence a track for a stated period and, after consultation with the MSA, can refuse to grant or withdraw an International Track Licence applicable in the UK at any time and without stating a reason.

Applying for a Track Licence

1.4. The minimum information normally required by the MSA for issuing a Track Licence is:

1.4.1. Racing Circuits – Outline plans and MSA Inspector's report.

1.4.2. Other Speed Event Courses – 1/2500 scale plan and MSA Inspector's report.

1.5. The following information is also required:

1.5.1. Length of course and position of start and finish and method of marking.

1.5.2. Position of paddock and pits (if any).

1.5.3. Siting of spectator and Official enclosures and distance from course.

1.5.4. Type of fencing around enclosures.

1.5.5. Type and siting of protective barriers between course and enclosures.

1.5.6. Siting of ambulance(s), rescue vehicles, first aid headquarters and medical staff, and minimum number of staff and ambulances.

1.5.7. Siting of flag Marshals and observers and minimum number of these Officials.

1.5.8. Siting of fire equipment and breakdown vehicles and minimum provision.

1.5.9. Siting of Clerk of the Course's Headquarters, Timekeeping box and Scrutineering area.

1.5.10. Locations and type of communications system around course available to Officials.

1.5.11. Location of nearest outside telephone and number.

1.5.12. Address and telephone of nearest hospital available to receive casualties.

1.5.13. Number of starters and types of vehicle.

1.5.14. Any special features of course, including type of road surface and width.

1.5.15. The braking area (in the case of speed events).

1.5.16. An outline of the estate or grounds on which the track or course is situated, marked with the position of any footpaths or bridleways which may pass on or near the estate.

1.5.17. The location and operation of any trackside flashing yellow warning lights.

1.5.18. The presence of any structure or obstruction, including advertising material adjacent to the track, which could be the first object to be struck by a car leaving the course, shall be subject to the prior approval of the MSA.

Race and Speed Events

2.1. Only competing cars are allowed on the course during an event, except as instructed by the Clerk of the Course to deal with a serious emergency, when flag Marshals must warn competing Drivers. The Clerk must be satisfied that the Driver of any vehicle allowed on the course knows the Rule of the Road in operation.

2.1.1. No vehicle (including Marshals' cars) should be parked adjacent to a Race, Speed or Kart venue unless in a fully protected area as approved by the Circuit Inspector.

2.1.2. In the interests of safety, animals should not be admitted to Race, Speed or Kart venues, but if present they must be secured inside a vehicle or building whenever practice or competition is taking place.

2.1.3. The holder of the Track Licence is responsible for maintaining a register of best performances achieved on the track and a permanent medical record book detailing all incidents involving injury.

2.1.4. Circuit and venue owners are reminded of their responsibility to inform the Local Environmental Health Officer of any serious accidents (see RIDDOR 95 or contact the MSA Technical Department).

Safety Requirements

2.2.1. In issuing a Licence, the MSA will specify the types of vehicles which can compete and the maximum number which can start simultaneously in any one race. The number of vehicles Permitted on the circuit at any one time for practising must not exceed the number Permitted in a race by more than 20%, without written approval (Q.4.5.4).

2.2.2. Except in the case of handicap events where each car will be allocated a suitable area at the discretion of the MSA Timekeeper, the starting grid shall be laid out in accordance with MSA Track Requirements. The start/finish line and, where applicable, the grid positions, shall be clearly marked on the road surface. The track must be thoroughly swept and in good repair, and kept swept as necessary during the meeting.

2.2.3. The course must not present any unreasonable hazards to either Competitors or spectators. The width

of the track normally shall not be less than 9m for Race circuits and 3.5m for Sprints and Hill Climbs.

2.2.4. When there are no natural features defining corners (eg on airfields), they must be marked out by signs indicating distance to the corner.

2.2.5. The siting of all cameras, other than in the enclosures noted in 4 below, is subject to MSA approval.

2.2.6. Aircraft under the control of the event Organisers should never be allowed to operate below 500ft nor at any time, fly directly over the venue while motor sport is in progress (R.39.3).

2.2.7. Further special safety precautions must be complied with before a Licence will be issued for a circuit to be used for Truck Racing (see Q.6).

Communications

2.3. There must be an efficient means of communication (either visually, by telephone or radio) between the Clerk of the Course, Observers, First-Aiders and other staff, unless otherwise specified in the Track Licence (Q.1). There must be a radio link (not CB) to all emergency vehicle(s).

Enclosures (D.31.1.2, D.32.3)

2.4. All enclosures at race circuits must be protected by a substantial barrier capable of stopping a car.

2.4.1. Enclosures at speed events not protected by a permanent barrier (if permitted at all) must be a minimum 60m from the edge of the course unless otherwise authorised by the MSA.

2.4.2. Spectators shall be allowed at corners only when there is some form of protection between them and the course.

2.4.3. In special circumstances this protection may be given by multiple rows of securely banded tyres, straw bales or other material approved by the MSA.

2.4.4. Any place where spectators may congregate, (eg grandstands, the start and finish line, opposite the pits etc) shall be protected by a substantial barrier.

2.4.5. Ideally there should be a clear space of at least 6m between any barrier and the spectators.

2.4.6. Where practicable, there should be a verge of at least 3m between the edge of the course and any safety barrier.

2.4.7. No car parked in a spectator enclosure should be less than 10m from the front of the enclosure.

2.4.8. If unauthorised people penetrate beyond the authorised enclosure, the programme should be suspended until they have been removed.

Timing

2.5. At permanent race circuits, an adequate sheltered area (the Timing Box) must be provided to accommodate at least one Timekeeper for every four cars Permitted on the track for practice, plus a further three assistants. The Box must provide an adequate view of the track, the start/finish signals and the start/finish line. In the case of new circuits the position and design of the Timing Box must comply with the specification laid down by the MSA.

2.5.1. At all other venues, including temporary ones,

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Timekeepers must be provided with adequate covered accommodation for themselves and their equipment.

Marshals' Posts

3.1. Officials' posts, equipped in accordance with 3.2 and 3.3, must be established in accordance with the MSA Track Licence to ensure the whole of the course is kept under observation at all times

3.1.1. Each post must be able to communicate by sight with the preceding and following one. If appropriate, relay posts will be specified to fulfill this condition. The distance between consecutive posts (disregarding relay posts) should not exceed 500m.

3.1.2. There should be sufficient Marshals at each post to carry out signaling, intervention and surveillance duties during practice, qualifying and racing.

3.1.3. Flashing yellow warning lights may be installed to supplement or replace the yellow flag signals.

3.1.4. Red lights to supplement or replace red flag signals may also be installed.

3.1.5. The location of these lights around the course will be subject to prior approval by the MSA.

3.1.6. Where there is closed-circuit TV surveillance of the course, the lights may be operated from Race Control.

3.1.7. Where there is no closed-circuit TV surveillance, the lights shall be operated from the Observers' posts.

Race Events

3.2. At race circuits all posts for officials outside of the pits and normal enclosures shall be adequately protected, and provide dry, hard standing.

3.2.1. Each post should have an Observer's 'hut', from which to observe, write reports and telephone Race Control.

3.2.2. Ideally, there should also be a weatherproof area in which marshals can place their bags, etc, and which could be used for storing post equipment, brooms, cement, etc.

3.2.3. The following equipment is recommended (as appropriate) at Race meetings (minimum flag and panel size as Q5.2):

At each Marshal's post:

- Two brooms
- Two shovels
- One container, minimum 3 litres, of suitable oil absorbent material
- At least 3 fire extinguishers each containing not less than 6kg of extinguishing product suitable for extinguishing vehicle fires
- One hazard board
- One safety car board (SC in black 40cm high on white background)
- One green flag
- One white flag
- One blue flag
- Two yellow flags
- One yellow and red flag
- One red flag.

At the Start/Finish post:

- As above, plus
- National flag
- Black & white diagonally split flag (or panel)
- Black flag or panel, with orange disc
- Black flag or panel
- Black/white chequered flag
- The following boards:
 - 1, 2, 3, 5 and 10 minutes
 - 5 and 30 seconds
 - Start delayed
 - Wet race/Qualifying session
 - 5 second penalty
 - 10 second penalty
 - 1 minute penalty
 - Stop engines
 - Rear lights on
 - Number board to show Competitor's number (white on black, up to three figures)
 - Stop/Go penalty
 - Drive Through penalty

Speed Events

3.3. Speed events there should be a minimum of two Marshals at each main post. The minimum equipment required is:

- One stiff brooms
- One shovel
- One container, minimum 3 litres, of suitable oil absorbent material
- At least two extinguishers each containing not less than 6 kg of extinguishing product suitable for extinguishing vehicle fires.

Drag Strips

3.4. For temporary drag strips, if there are no protective barriers available, the spectator enclosures at the start line are to be sited 60m from the edge of the course, fanning out to at least 180m from the edge of the course at the finish line.

Scrutineering Area

4.1. The minimum facilities for Scrutineers are as follows:

Race Meetings

4.1.1. Covered accommodation adequate for the inspection of two cars simultaneously and the handling of their relevant documentation.

4.1.2. Satisfactory facilities for inspecting the underside of a car.

4.1.3. Whenever cars with weight limitations are competing, weighing equipment must have annual Weights and Measures certification (January - December).

4.1.4. When weighing is carried out with portable electronic 'pad' scales, a current Weights and Measures Certificate is not essential, but if not available the scales must be checked with certified weights compatible with the range of cars to be weighed, prior to use or upon request by the Stewards of a Meeting.

All Meetings

4.2.1. A clear flat area, large enough for a car to stand on.

4.2.2. An area for noise tests (J.5.17).

4.2.3. A suitable area for Parc Fermé.

Pits

5.1. Any pit lane must be separated from the course by a substantial barrier which must provide ample entrance and exit for single vehicle.

5.1.1. The area between the barrier and the pits must be at least 6.5m (and preferably 8m) in width.

5.1.2. The working area in front of the pits (which must be at least 2.5m wide) must be marked by a white line least 10cm wide extending the length of the pits.

5.1.3. The front of the pits must be of substantial construction and each pit must be at least 4m long.

5.1.4. There shall be an adequate number of pits for the cars in a race.

5.1.5. The pits and pit lane at any new circuit must comply with FIA requirements.

Bridges

6.1. All bridges over the track must be of substantial construction and both the bridge and its approaches must be shielded to eliminate all view of the track from these areas.

6.1.1. No people or vehicles are permitted to stop on a bridge while practice or racing is in progress.

6.1.2. The floor and sides of each bridge must be constructed so that no object can fall from the bridge onto the track.

6.1.3. Bridges must have sufficient clearance above the track to allow passage of emergency service vehicles.

Fire Precautions and Equipment

7.1. All fire extinguishers used at Race and Speed Events must have a valid manufacturer's (or agent's) certificate confirming they are in working order, issued immediately prior to the start of each season's racing.

7.1.1. This certificate must be available for inspection by Stewards (Q.4.1).

7.2. At Race Meetings, manned Fire Posts (equipped as required by 3.2.3.) must be located and clearly marked at intervals round the circuit. Other acceptable extinguishers may be deployed at unmanned posts or by mobile units.

7.3. Additional extinguishers should be located:

7.3.1. At marked points in the paddock

7.3.2. In the pit areas

7.3.3. At the Scrutineering Bay

7.3.4. In every medical room or centre.

7.4. In events involving the refuelling of cars where more than five gallons of fuel is held in any one pit, there must be two fire tenders and crew in attendance, appropriately equipped and with immediate access to the pit area (Q.13.1).

7.5. A Large Spill Kit is to be provided in all paddock areas.

Emergency Rescue Vehicles and Equipment

8. Licensed Rescue Vehicles must comply with the Specifications detailed in Section F. The positioning of emergency vehicles will be indicated on the Track/Venue Licence.

Medical Facilities at Race Circuits

(See Section F)

9.1. Each permanent circuit shall have a Medical Committee consisting of:

9.1.1. A representative of the circuit management.

9.1.2. A fully registered medical practitioner appointed by the circuit.

9.1.3. A representative from the local First-Aid Organisation.

9.2. The Committee is responsible for organising a Medical Headquarters and supervising the supply and safekeeping of the medical equipment specified in these regulations.

9.2.1. The Committee must have a formal procedure to be followed in case of a major accident.

9.2.2. The names of Committee members, together with the name of the person responsible for the medical arrangements at the circuit, shall be notified to the MSA, which has the overriding authority to approve Medical Centres and adjudicate on their compliance with the requirements of motor sport.

The Medical Centre

9.3. The Medical Centre should have easy and level access for ambulance and stretchers, offer security from press and public, and be located in accordance with CAA requirements to allow helicopters to be used when necessary.

9.4. The Centre should consist of a minimum of three rooms of sufficient size and with adequate heating and lighting:

9.4.1. A resuscitation room capable of taking at least two patients at the same time.

9.4.2. An observation ward capable of containing two recumbent patients with total security in the event of death.

9.4.3. A treatment area for small dressings and other minor procedures.

9.5. There should also be an administration area, shower, washing and toilet facilities, contained within the Medical Centre.

Notes on Dealing with Oil

10.1. Oil deposits on a track are generally caused in three ways:

10.1.1. From the fine spray caused by leakage on the pressure side of an oil system or from a badly fitting oil tank cap.

(E) Circuits and Venues

10.1.2. An accumulation of droppings from free flow oil systems used on motorcycle-type engines or from overflows.

10.1.3. As a mass of oil caused by the sudden emptying of a sump or tank. This is usually restricted to a relatively small area.

10.2. Where there is only a film of oil on the track surface, a fine dusting of cement or other suitable absorbent should be applied to the effected area.

10.2.1. This can be spread upwind of the oil film, using a small shovelful.

10.2.2. The absorbent material should be scattered along the line of the oil, then brushed across the line.

10.2.3. Discolouration of the material will occur within a minute or two so that Officials can note the action taking place.

10.2.4. On no account should large amounts of material be used as this can clog the track surface when it hardens, and in addition can itself cause a minor dust storm.

10.2.5. Where there is a mass of oil on the track, this should be soaked up using sawdust or other suitable absorbent material.

10.2.6. This material must be carefully swept up and cement then brushed into the area to kill the film left after removal of the material.

10.2.7. The cement used must be dry and reasonably new.

Requirements for Endurance, Long Distance and Bad Weather Racing

10.3. Other general points relating to racing include:

10.3.1. Deleted.

10.3.2. Organisers are free not to record individual lap times in practice or during a race. If times are not recorded for practice, starting grid positions may be based on engine capacity (with larger capacity cars at the front) or by the methods described in Q.12.7.

10.3.3. There must be provision for crossing the track by bridge or tunnel to access pits and paddock as follows:

- i) For vehicles and pedestrians if any race is to run continually for more than six hours
- ii) For pedestrians if any race is to be run continually for more than an hour.

10.3.4. Accommodation for timekeepers must be adequately heated and ventilated and provide full visibility through windows. There must be adjacent lavatory facilities if any race is to run continually for more than half an hour.

10.3.5. All Senior Officials must have named Deputies who are able to take appropriate action in the absence of the Official concerned.

10.3.6. There must be proper liaison with local residents and authorities before any race extends over church hours or into darkness.

10.3.7. No snatch operations may take place during the hours of darkness unless the race is under the control of a Safety Car.

Marshals

11.1. Marshals must be relieved after six hours of continuous racing, following which they should operate in shifts of maximum six hours, with one shift on and one off.

11.1.1. Off-duty Marshals should be provided with at least one hot meal, kept dry, comfortable and, if appropriate, provided with warm rest accommodation with individual sleeping facilities for at least six hours out of their off duty period.

11.1.2. Transport must be provided for Marshals if they are required to walk more than 500m to reach rest and refreshment facilities.

Lighting at Night

12.1. Where Racing takes place at night, an area of track including the start and finish line, appropriate to the speed of competing cars at that point, must be lit sufficiently to enable the positive identification of each competing car.

12.1.1. For safety there must be a build up to and run down from the area of maximum intensity of lighting, which should be at a level at least equal to that of the headlamps of competing cars.

12.1.2. All lighting installations and other equipment must:

- (a) not distract the competitor in any way, in particular by reason of shadow or dazzle.
- (b) be set out in accordance with proposals agreed in writing by the MSA and which were submitted to the MSA at least 30 days prior to the date of the Event.
- (c) be available in full working order for inspection by the MSA prior to the Event, allowing adequate time for adjustments to be made if necessary.

12.2. More generally:

12.2.1. The pit area shall be lit sufficiently to enable control and replenishment to proceed.

12.2.2. The paddock area, spectator walkways, car parks, offices etc, shall all to be lit to ensure safety.

12.2.3. The track itself shall be identified by reflectors placed at both track edges at intervals of 5m from the 60m point before all corners until 60m past the end of the corner.

12.2.4. Corner warning boards shall carry reflecting markings.

12.2.5. All ambulances, break-down vehicles and Official cars shall be identified with a reflective strip at the rear and a blue or yellow flashing beacon.

12.2.6. All Flag Marshals shall have two yellow signal lights (one as standby) incorporating a control giving steady or interrupted lighting.

12.2.7. The Clerk of the Course shall have a red signal light.

12.2.8. Each Observer shall have two hand lamps, unless at a point with permanent lighting.

12.2.9. Scrutineers and Timekeepers shall have sufficient lighting to carry out their duties.

12.2.10. Competing cars shall have front and rear lighting, brake lights, and direction indicator lights in working order.

12.2.11. Reflective identification numbers must be displayed in three places: on the forward and each side of the car. The side numbers must be adequately illuminated and displayed on a flat vertical surface.

Practice

13.1. Should the event include a period at night, Q4.5.1 shall apply to each driver both in respect of the daylight period and also the night time period of practice. In addition to daylight practice at least one half hour of practice must be at night.

13.1.1. Should the event include a period at night, at least one half hour of practice must be at night.

13.1.2. 'Night' is deemed to have occurred 30 minutes after the Official time as defined by the US Naval Observatory.

Bad Weather Racing

14.1. Rain: No specific requirement is specified with regard to track drainage, though when a track is resurfaced sufficient camber should be incorporated to provide for water to run off.

14.1.1. Any significant accumulation of water on the track surface will make the cancellation of racing probable.

14.2. Fog: When visibility is obscured between any two adjacent Flag Marshal Posts, racing or practice must be stopped, and abandoned if there is no reasonable prospect of conditions improving within two hours.

14.3. Snow and Ice: The following areas must be free of all snow and ice before racing can commence:

14.3.1. The race track, including verges, either up to the safety bank or for a width of 3m whichever is the lesser.

14.3.2. The paddock, the pits and communication roads.

14.4. Where course verges are cleared, any snow must not be piled into banks.

14.4.1. When a track is snow or icebound an inspection should be made 24 hours before the start of Official practice to decide whether or not the meeting will be cancelled or postponed.

14.4.2. If an adverse decision is taken, the MSA, the MSA Steward and media must be notified.

Common Regulations for

Emergency and Medical Services (Units and Equipment)

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General

1.1. All emergency vehicles are licensed based on their suitability for the particular tasks required of them and the equipment carried being as detailed in the appropriate section of the tables on pages 99 to 102. All units and equipment is at all times to be of appropriate specification and kept serviceable, clean, tidy and in a hygienic condition. Where appropriate, test certificates and time expired consumables are to be 'in date'.

1.1.1. These vehicles, when licensed, are only acceptable at Events when crewed by appropriately licensed crew members in accordance with the requirements detailed in these regulations.

1.2. Rescue, Stage Safety and Recovery Units are licensed yearly by the MSA. All MSA registered Units must be inspected by an appropriate MSA Rescue or Recovery Assessor on application for their first MSA registration and at least once in every three year period thereafter.

1.3. Organisers using Emergency Vehicles should satisfy themselves that they operate with Licensed Vehicles and crews that are correct for the type and status of their events.

Rescue Units

2.1. All Licensed Rescue Units are required to carry the appropriate equipment listed in the tables on pages 99 to 101.

Note: Throughout these sections an asterisk(*) indicates a requirement for additional information to be printed in the Supplementary Regulations (SRs).

Text shown in Italics indicate a Regulation which may be amended in the SRs.

2.1.1. Where possible or practicable, the recommended positioning of Emergency Vehicles will be indicated on the Track/Venue Licence or in the Event Regulations.

2.1.2. Deleted.

Purpose

2.2. Rescue Units are required to transport licensed crew and equipment and provide medical and extrication facilities at the scene of an accident within approximately 90 seconds of leaving the stand-by location when operating at a licensed venue (and as appropriate at other venues).

2.2.1. Additional licensed vehicles can be specified on the Track Licence if deemed necessary.

Type of Vehicle

2.3. The vehicle should be of a type that is safe and appropriate to drive on the competition course being used for the event whilst competition is in progress.

2.3.1. A suitable vehicle capable of carrying crew and equipment in safety at speeds appropriate for the surface of the competition course.

2.3.2. For non-sealed surface courses the ability for the vehicle to maintain traction over such terrain is required.

Identification

2.4. Vehicles should be clearly marked "RESCUE" and "AMBULANCE" as required and carry blue flashing beacons.

Crew

2.5. The Minimum crew requirements are:

2.5.1. Race and Rallycross events. Three fully licensed rescue crew members and a Doctor or MSA Registered Paramedic.

2.5.2. Rally and Speed Events only. Two fully licensed rescue crew members and a Doctor or MSA Registered Paramedic.

2.5.3. For Rally and Speed Events the Doctor or MSA Registered Paramedic may attend independently.

2.5.4. At no time, at any event, may the crew of a Licensed Rescue Unit include more than two trainees.

Stage Safety Unit

Purpose

3.1. Stage Safety Units transport licensed crew and equipment to an incident to render the scene safe and to render First Aid and spinal immobilisation until the Rescue Unit arrives, if required.

Type of Vehicle

3.2. The vehicle should be a car, an estate car or a car derived van with suitable tyres and underbody protection.

Identification

3.3. The vehicle should be clearly marked "STAGE SAFETY UNIT".

Crew

3.4. The crew will consist of a minimum of two fully licensed crew members, one of whom may be replaced by a Doctor or MSA Registered Paramedic (i.e. two crew or one crew plus Doctor/Paramedic).

An additional person may be carried but if that person is a trainee rescue licence holder they may use no more than two SSU duty signatures for the purpose of upgrading their licence.

Rally Recovery Unit

Purpose

3.5. These units provide for the recovery of vehicles.

Types of vehicle

3.6. For light recovery, a four wheel drive vehicle is recommended with a two tonne winch.

3.6.1. For heavy recovery, a four wheel drive equipped with a two tonne or higher capacity winch, that has the capability by vehicle mounted or towed equipment to execute the suspended towing of a vehicle. Or a rear wheel drive vehicle, equipped with dual rear wheels and a rear mounted spectacle lift and a two tonne or higher capacity winch. It is strongly recommended that such vehicles are equipped with a limited slip or locking rear differential.

Identification

3.7. The vehicle should be clearly marked "RECOVERY" and carry yellow flashing beacons.

Crew

3.8. The crew must consist of a minimum of two licensed operators, at least one of whom must hold a full licence.

Actions at an Incident

4.1. Where Rescue Units or Stage Safety Units are involved, once the risk of fire has been covered, medical control will be established by the Doctor or MSA-Registered Paramedic who will co-ordinate the extrication of any casualties without causing further harm or injury.

4.1.1. Crew should be fully familiar with, know the location of and be capable of assembling, operating, servicing and maintaining all equipment carried. Rescue crew to be able to assist the Doctor or Paramedic in the preparation and use of medical equipment.

4.1.2. Recovery units and crew should be prepared to support the Rescue and/or Stage Safety Unit at an incident.

Crew Requirements

5.1. Licence applicant, upgrading and maintenance criteria are detailed in Table 5.

Training

5.2. All Emergency Vehicle Crew members should attend at least two training sessions a year, at least one of which must be facilitated by an appropriate MSA registered Rescue or Recovery Trainer, as well as several MSA-permitted events to maintain their efficiency and status.

5.2.1. Licensed Crew Members will not be automatically re-licensed on the basis of attending assessment days only.

5.2.2. Training sessions provided by an appropriate MSA registered Rescue or Recovery Trainer may be used as licence signatures. Regional Rescue or Recovery Trainers can be contacted via the MSA.

Documentation and Information

5.3. Application Forms for Trainee and Full Licences, together with signature record cards, can be obtained from the MSA. Details of Approved Training and Licence Assessment will be notified to licence holders.

Medical

Race Medical Centre

6.1. The circuit Medical Committee should ensure that the Medical Centre is properly equipped and maintained.

6.1.1. It is essential that proper patient records are kept and that procedures for the safe disposal of potentially hazardous waste material, including dressings, contaminated clothing, syringes, needles and sharps, are in place.

6.1.2. The risk of cross-infection must be addressed (e.g. by wearing gloves, aprons and goggles). Disposable equipment should be used where possible and sterility ensured at all times.

6.2. Records must be kept of the use of all drugs and fluids (including quantities and expiry dates) and equipment maintained according to appropriate service schedules.

6.3. The following list of equipment, fluids, drugs, dressings etc. is considered to be the minimum requirement for a Medical centre. However it is essential that individual doctors equip themselves with the drugs and equipment they judge necessary. All equipment must be checked, serviced and stored according to the manufacturer's recommendations. There should be sufficient equipment and drugs for the immediate resuscitation of a minimum of two patients.

Equipment and Drugs

6.3.1. Resuscitation

- Oropharyngeal airways (eight assorted sizes 2, 3 and 4)
- Pocket mask or similar device with non re-breathing valve and O2 inlet

(F) Emergency and Medical Services

- Suction apparatus mains, battery, hand or footoperated capable of 300mm Hg suction with reservoir not less than 350ml or overflow system with catheters and wide bore suction
- Self-inflating manual resuscitator with facemask and O2 reservoir
- O2 supply (min size F1360 litres) and spare with reducing valves, flowmeters as necessary
- O2 tubing and masks
- Laryngoscopes x 2 with spare batteries and bulbs
- Endotracheal tubes cuffed x 6 (sizes 6.0mm to 9.0mm)
- Nasopharyngeal tubes x 3 (assorted sizes)
- Entonox with appropriate on demand delivery system (NB storage regulations)
- IV cannulae (six assorted sizes 1.0 to 2.0mm)
- IV administration sets x 6
- Hartmanns Solution (or equivalent) (1000ml x 6): under the direction of a Medical Officer
- Haemaccel or equivalent (500ml x 8): under the direction of a Medical Officer
- Pressure infusor
- Assorted syringes and needles.

6.3.2. Monitoring and diagnostic

- Sphygmomanometer aneroid/mercury (for latter consider regulations re Hg spillage)
- Non-invasive Blood Pressure Monitor
- Pulse oximeter
- Defibrillator with leads, electrodes pads/gel
- ECG
- Thermometer
- Blood glucose estimation kit.

6.3.3. Splints and Dressings

- Large field dressings x 10
- Bandages and adhesive tape in assorted sizes
- Sterile non-adhesive and adhesive wound dressings
- Burn dressings and supply of sterile transparent bags assorted sizes
- Semi rigid cervical collars (assorted x 4)
- Splints.

6.3.4. Drugs: it is mandatory that the following be available as a minimum requirement.

- Cardiac arrest drugs according to the European and UK Resuscitation Council Guidelines (1992)
- A supply of parenteral analgesics.

6.3.5. Surgical

- Chest drainage kit
- Cricothyrotomy/Cricothyroidotomy kit
- Minor op sterile pack with needle holder, scissors, artery forceps, scalpel and blades
- Suture materials
- Skin Antiseptic
- Small autoclave (recommended).

6.3.6. Miscellaneous

- Scoop stretcher
- Casualty immobiliser (vacuum mattress)
- Stretcher for ambulance.

Kart Circuit Medical Centre

6.4. This must comprise a room large enough to accommodate a single bed for the observation and treatment of a single casualty. As a minimum it must be equipped with first aid equipment as required under HSE Code of Practice ACOP 1997 for organisations of 21 to 50 people, including an eye wash station with 2 x 500ml of sterile saline solution, a set of stiff neck extraction collars, including paediatric sizes, and portable resuscitation equipment.

Medical Response Unit (Race Meetings)

6.4.1. A suitable saloon or estate car identified both sides with 'Medical Response Unit' and equipped with roof mounted flashing blue light(s) equipped as follows:

- Beacons, to be visible 360° (with low mounted units if appropriate)
- Spring centre punch or similar
- Oropharyngeal airways (2 x size 4, 1 x 3, 1 x size 2)
- Pocket mask or similar device with non-breathing valve and O2 inlet
- Portable suction apparatus (battery, manual of foot operated capable of 300 Hg vacuum) with a selection of catheters and wide bore suction
- Self inflating manual resuscitator with facemask with O2 reservoir
- Laryngoscope with spare battery and bulb
- Endotracheal tube cuffed (7.0mm x 1, 8.0mm x 1)
- Nasopharyngeal tubes (6.0mm and 7.0mm)
- A cylinder with oxygen with reducing valves and flowmeter (equivalent to size D in volume)
- O2 tubing and facemask
- Entonox with demand valve apparatus
- Hartmanns Solution (or equivalent) (500ml x 2)
- IV cannulae (1.4mm, 1.7mm and 2.0mm x 2)
- IV administration sets x 2
- Adhesive tape
- Needles and syringes assorted
- Disposable sharps container and plastic bag (for clinical waste)
- Rigid cervical collar, adjustable x 2
- Burns dressings x 3 (large, leg and arm size). Large field dressings x 5. Non absorbent wound dressings x 5
- Heavy duty scissors
- Chest drain kit
- Sphygmomanometer aneroid
- Stethoscope
- Surgical gloves.

6.4.2. Drugs are not listed, however it is essential that resuscitation drugs conforming to Resuscitation Council Guidelines and a supply of parenteral analgesics be available. Any further drugs and equipment that may be deemed appropriate by way of a specialist expertise is the responsibility of the individual doctor.

- All equipment must be regularly checked, serviced as necessary and stored according to the manufacturer's recommendations

6.4.3. Minimum Crew Requirements: One Doctor, plus either, one paramedic, or one fully licensed Rescue Crew member, or a second Doctor.

Basic first aid kit – Rally Doctors

6.5. The following items are recommended to be carried by Rally Doctors in an appropriately assembled portable kit:

6.5.1. As listed in 6.4.1 excluding chest drain kit and the following additional items:

- Sterile eyewash 2 sachets
- Protective goggles
- Survival blanket x 2
- Woollen blanket x 2
- In addition a flashing green beacon, identifying tabard, appropriate protective clothing, incident report forms (x10) and a powerful torch are considered necessary.

6.5.2. A comprehensive list of drugs is not listed, however the individual Doctor is expected to carry those drugs that they feel are necessary and a supply of analgesic drugs for parenteral and oral administration.

6.5.3. Any further drugs and equipment that may be deemed to be appropriate by way of specialist expertise are the responsibility of the individual Doctor.

6.5.4. It is recommended that any doctor regularly involved in Rally medicine should seriously consider acquiring an MSA frequency radio set.

Duties of the Chief Medical Officer

7.1. Chief Medical Officers at all events will:

7.1.1. Deploy their team, in conjunction with the Chief Incident Officer/Safety Officer and the Clerk of the Course, to ensure adequate cover for the event and that the medical centre, if present, has medical cover.

7.1.2. Allocate duties to each member of the team, appropriate to their skills and qualifications. Ensure each team member is familiar with the venue, facilities, equipment, the means of summoning assistance and casualty evacuation and removal.

7.1.3. Ensure each team member introduces themselves to the personnel they are stationed with, confirms and checks the means of communication and with event control.

7.1.4. Identify with the Clerk of the Course and Chief incident/Safety Officer the locations for Medical Intervention/Rescue Unit and ambulances vehicles at the venue unless such is detailed on the relevant MSA Track Licence.

7.1.5. Deleted.

7.1.6. Ensure that all medical vehicles and the Medical Centre (if applicable) are equipped to the MSA minimum specified level.

7.1.7. Ensure that medical staff have reliable communication with event control and the public telephone service, either by radio, mobile phone or a nearby landline. Ascertain the telephone numbers for

the designated hospitals and if possible the relevant NHS Ambulance Control.

7.1.8. Ensure that drivers of emergency vehicles are aware of the need to preserve free access for their vehicles to the track and that they know the evacuation routes for the venue and the route(s) to the designated hospital(s). Ensure that all emergency vehicle drivers are aware that they must not enter the track without explicit permission from Race or Rally Control. They should proceed only in the direction in which the event is being run, unless explicitly otherwise instructed.

7.1.9. Deleted.

7.1.10. Assure themselves in conjunction with the Clerk of the Course that any personnel located on evacuation routes are briefed as to their role in assisting casualty evacuation.

7.1.11. Deleted.

7.1.12. Deleted.

7.1.13. Report to the Clerk of the Course, via event control, when they are satisfied that the medical facilities are appropriate for the event, raising any regulatory detail with the Clerk of Course and MSA Steward.

7.2.1. If a competitor is injured in an accident or presents with other medical conditions, such that it is considered inappropriate for them to continue to compete, then, the Chief Medical Officer, will request the Clerk of the Course to withdraw the competitor's licence upon medical grounds. The Chief Medical Officer should pass a report to the MSA (via the MSA Steward) detailing the nature of the injuries/medical condition. The MSA will hold such a suspended licence until the holder is medically cleared.

7.2.2. Medical examinations leading to the issue of a MSA medical certificate are not permitted at an event (H10).

7.2.3. The appropriate local hospitals must be notified by the event organisers of venue, date and times of the meeting.

7.2.4. Ambulance vehicles should be large enough to permit medical attendants to work without restriction.

7.2.5. The Chief Medical Officer shall assist the MSA Steward in the completion of the MSA Medical Statistics Form in order that the MSA is able to collect data as part of the MSA risk Management Programme.

Eligible Paramedics

7.3. Eligible Paramedics, may be used as detailed in the Specific Regulations.

7.3.1. Any Paramedic registered with the Health Professions Council (HPC) attending a motor sport meeting as a result of a commercial contract between the meeting Organisers and their employers, will be considered as being an MSA Registered Paramedic for the duration of that specific meeting.

7.3.2. To be MSA registered, applicants must be currently certified by the Health Profession's Council (HPC) as being a paramedic and be in possession of adequate valid malpractice insurance.

7.3.3. Anyone who ceases to be certified as a paramedic with the HPC will be removed from the register.

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7.4. All registered Paramedics must carry a malpractice insurance.

7.4.1. They must 'sign-on' and where appropriate (7.3.2) produce their MSA Paramedic Registration card at any event at which they are officiating.

7.4.2. They shall remain under the control of the Clerk of the Course at all times.

7.5. An MSA accident form must be completed for each and every incident treated.

ATTENTION!

**Rally cars
move quickly
and may:**

- Run wide on corners
- Cut across corners
- Leave the road
- Throw up stones
- Do what you least expect



MSA
MOTOR SPORTS
ASSOCIATION
UNITED KINGDOM

Enjoy rallying...but TAKE CARE!

Table 5 – Crew Requirements – Systems of acceptance and upgrading

Discipline	Acceptance for Training	Trainee Period & Requirements	Licence Acceptance	Maintenance of Licence
2.1 - 2.5.4 Rescue	<p>Race/Trackside/Stage Rally experience</p> <p>Attend one approved Marshal training day including fire training and radio procedure training</p> <p>Possession of a valid First Aid Certificate is recommended</p> <p>Gain endorsement of Crew Chief on existing Rescue Unit</p> <p>Minimum age 18</p>	<p>Hold a Trainee Licence, complete modular training programme detailed on the training record card, with signatures</p> <p>Collect 10 signatures from an Instructor or Crew Chief for attendance at:</p> <p>8 Race, Rally or Speed Events with at least 3 from each of two of these disciplines</p> <p>2 Training Days</p> <p>all 10 within 2 years</p>	<p>Attend Approved MSA Rescue Licence Assessment. Demonstrate to assessors full familiarity and competence in the operation of all equipment also identification and preparation of medical equipment</p>	<p>Attend and pass 3 yearly Assessments. Satisfy MSA registered assessor that training attendances as per 5.2 have been completed between assessments</p>
3.5 - 3.8 Rally/Cross Country Recovery	<p>Gain endorsement of Crew Chief on existing Recovery Unit</p> <p>Attend one approved Rally Training day including radio procedure and fire training within two years of application</p> <p>Minimum age 18</p>	<p>Hold a Trainee Licence</p> <p>Collect 6 signatures from Crew Chief or Rally Official and attend two approved recovery training days, all within 2 years</p>	<p>Attend Approved MSA Recovery Licence Assessment. Demonstrate to assessors full familiarity and competence in the operation of all equipment</p>	<p>Attend and pass 3 yearly Assessments. Satisfy MSA registered assessor that training attendances as per 5.2 have been completed between assessments</p>

(F) Emergency and Medical Services

Rescue, Stage Safety and Rally Recovery Units and Equipment

	Rescue	Stage Safety Unit	Rally Recovery
General			
Beacons (to be visible 360° with low mounted high-intensity units at the rear)	B	A	A
Radio Race 169.3375MHz FM Rally 81.575MHz FM (the supply of equipment using alternative radio frequencies is the responsibility of the organising club)	*	*	*
Personal protective equipment for each crew member	*	*	*
Fire resistant blanket (1m x 1m minimum)	*	*	
1 x 6kg dry powder extinguisher	*	*	*
1 x 6 litre light water/AFFF fire extinguisher	*	*	*
2 survival blankets	*	*	*
1 Warning triangle	*	*	*
Vehicle powered lighting and torches	*	*	*
Suitable cutters for harness, straps, etc	*	*	*
1 gallon (5 litre) clean, fresh tap water	*	*	*
Environmental Spill Kit – Medium	*	*	*
Tools			
2 hacksaws (1 for Recovery) and supply of blades	*	*	*
1 small bow saw	*	*	*
1 small axe	*		*
1 pair tin snips	*		
1 1m crowbar	*	*	*
1 pair bolt croppers (minimum 18in)	*		*
1 pair mole grips	*	*	
1 general tool kit to include AF and metric spanners, sockets, allen keys, “Torex” and other drivers etc to aid access to vehicle.	*	*	*

Emergency and Medical Services (F)

	Rescue	Stage Safety Unit	Rally Recovery
1 glass breaker (ie, Spring Centre Punch)	*	*	
2 hammers, large and small	*	*	*
Selection of flat, Phillips and Pozidrive screwdrivers	*	*	
3 suitable ropes or strops (1500kg SWL)			*
1 spade			*
Cold chisels/Bolster chisels			*
Selection of coupling hardware			*
Equipment suitable for securing/stabilising and towing vehicles	*	*	*
1 opaque sheet suitable for covering vehicle	*	*	*
Powered Tools			
1 powered metal cutting saw with an adequate selection of blades	*		
1 cutting saw, oscillating (electric, air or hydraulic)	*		
1 pedal cutter 3cm minimum jaw opening	*		
1 large spreader (may be combined with large shear)	*		
1 large shear to cut A, B, C pillars (may be combined with large spreader)	*		
Powered hydraulic equipment	*		
Hydraulic ram and extensions	*		
1 trolley jack 1015kg or air jack system.	*	*	
1 trolley jack, minimum capacity 2000kg, or high lift jack, or air jack system.			*

Note: For all categories of unit there should be adequate compressed air supply (bottled or from compressor) and hydraulic power supply for powering the range of equipment carried on the vehicle. Where equipment power source is electrical battery an adequate supply of charged batteries to be available.

(F) Emergency and Medical Services

	Rescue	Stage Safety Unit	Rally Recovery
Medical			
1 Automated external defibrillator with monitoring capability	*		
1 Resuscitator with Oxygen Reservoir and Mask	*	*	
4 oropharyngeal airways to include nos. 2, 3, 4	*	*	
1 Pulse Oximeter	*		
Note: it is strongly recommended that some device is carried which allows the operator to perform resuscitation whilst isolated from the casualty's oral secretions	*	*	
1 laryngoscope plus spare batteries and bulb	*	*	
6 cuffed endotracheal tubes (2 x 7.0, 2 x 8.0, 2 x 9.0) with syringes to inflate	*	*	
1 portable suction machine (able to obtain 300mm Mercury vacuum)	*	*	
Full selection of suction catheters including Yankauers	*	*	
'i-gel' Supraglottic airways (in sizes 3, 4 & 5) (recommended for 2014, mandatory for 2015)	*		
1 portable entonox set (1 spare entonox cylinder)	*		
1 portable oxygen set (900 litres in not more than 3 cylinders). Regulator to be capable of delivering 15 litres/min	*	*	
Supply of non re-breathing masks	*	*	
2 adult sets of extrication collars or 2 adult adjustable extrication collars	*	*	
2 Spinal Immobilisers (eg, KED, RED, TED)	*		
1 chest drain kit	*		
1 pair heavy duty scissors	*	*	
Scalpels, blades and artery forceps	*		
Cricothyrotomy/Cricothyroidotomy kit (or "mini trach")	*		
1 sphygmomanometer	*		
1 stethoscope	*	*	
6 intravenous giving sets	*	*	
12 intravenous cannulae (three each 14, 16, 18, 20) and suitable fixation	*	*	
4 x 500ml Hartmann's solution or equivalent	*	*	
1 Combat Application Tourniquet (CAT) (recommended for 2014, mandatory for 2015)	*		
A comprehensive selection of dressings including large sizes (eg 20cm x 40cm) and bandages	*	*	
A supply of burn dressings (including 'watergel' type dressings) which should include unused clean plastic bags	*	*	*
A sterile solution for eye irrigation	*	*	*
Selection of splints	*	*	
1 stretcher (ambulance cot type)	*		
1 scoop stretcher	*		
1 Long Board c/w head immobilisation system and straps	*		
Disposable surgical gloves	*	*	
Disposable sharps container and plastic bag for clinical waste	*	*	
Report cards	*	*	*
1 Vacuum Mattress	*		

BASIC FIRST AID KIT

First Aid Kit in compliance with requirements for 11–20 employees as detailed by HSE code of practice (ACOP 1997)	*	*	*
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Common Regulations for Officials

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General

1. The same person at any event can undertake several of the duties detailed below provided they are qualified for each.

1.1. Stewards of the Meeting however must not undertake any other duties.

1.1.2. Officials (other than Stewards) may appoint assistants to whom any of their duties may be delegated.

1.1.3. As a general principle, all senior Officials should be at least 18 years of age.

Note: Throughout these sections an asterisk(*) indicates a requirement for additional information to be printed in the Supplementary Regulations (SRs).

Text shown in Italics indicate a Regulation which may be amended in the SRs.

1.2. At any event there must be:

- A Clerk of the Course
- A Scrutineer
- Stewards (2.2), and
- Timekeepers if appropriate.

1.2.1. The Stewards of the Meeting act in an honorary capacity but other Officials may be remunerated as specified in the Regulations.

1.2.2. The organising club is responsible for meeting all fees in respect of Officials nominated by the MSA, who will invoice the club accordingly.

1.2.3. The MSA may nominate one or more Stewards or Observers to any event.

1.2.4. All other Officials will be nominated by the Organisers to the requirements of the MSA, who may require certain Officials to be licensed or otherwise registered.

1.3. No individual may compete in an event for which he is nominated as an official. This includes any person nominated as an official in the regulations or programme of an event even though the individual named does not in fact carry out his official duties.

1.4. Registered Clubs must allow MSA pass holders free and appropriate access to any MSA-sanctioned event.

1.4.1. All MSA pass holders will make themselves known to the Secretary of the Meeting to 'sign on'.

1.4.2. Apart from their appointment as an Official of the event, the holder will not have any Official duty nor have the authority to intervene in the running of the event.

1.4.3. The MSA Pass, which remains the property of the MSA, will show the year of validity, carry the name and photograph of the holder and will not be transferable.

1.5. MSA Pass Holders are defined as current members of the Motor Sports Council, current Directors and Executive Staff of the MSA.

Stewards

2.1. The Stewards of the Meeting act as the second judicial body at any event, and are responsible for hearing and adjudicating upon any Appeal against a decision by the Clerk of the Course or other Official.

2.1.1. Stewards are also responsible for the forwarding to the MSA of any fines or protest fees collected.

2.1.2. Stewards should be thoroughly experienced in motor sport and of those appointed by an organising club, at least one must be a person whose motor sporting activity is not confined to that club alone and who is not an Official of that club.

2.1.3. The Stewards must have no executive duties in connection with the organisation of a meeting and are responsible only to the MSA.

2.1.4. In a meeting comprising several events there may be different Stewards for each event.

(G) Officials

2.1.5. Where the MSA appoints a Steward of the Meeting, that Steward (or the Senior Steward if more than one is appointed) will act as chairman of the Stewards of the Meeting.

2.1.6. At all times the Stewards of the meeting should act through the Clerk of the Course.

2.2. There must be three (and no more) Stewards at every meeting, one of whom should be MSA-appointed.

2.2.1. If three are not available, suitable people must be co-opted by the existing Steward(s).

2.2.2. In the absence of an MSA-appointed Steward, the senior Club Steward will assume his duties.

2.2.3. Exceptionally, at Clubman Road/Navigation Rallies and Clubman or National B Autotests, Trials or Cross Country events, there may be a minimum of one Steward, but always an odd number.

2.3. Copies of all regulations, notices, etc, must be provided by the organising club for the use of Stewards as far as possible in advance of the event.

2.3.1. The Stewards must satisfy themselves that the conditions of the Permit (and track licence if appropriate) are complied with and have the power to withdraw a Permit in the event of non-compliance.

2.3.2. Organisers should make available a private room for the Stewards' discussions and should arrange for a meeting of the Stewards prior to the start of an event so that any issues may be discussed.

2.3.3. Stewards must initiate investigations into any incident or breach of Regulations they observe or is reported to them.

2.3.4. Stewards can act from the moment that documentation or Scrutineering commences until the deadline for any appeals has expired.

2.3.5. Stewards may adjourn the hearing of any appeals if required.

2.4. Stewards have authority to enforce compliance with the Regulations and to adjudicate on any Appeal arising during the meeting. In particular they can:

2.4.1. Modify the Supplementary Regulations in exceptional circumstances (D.11).

2.4.2. In the case of force majeure or for safety reasons, instruct the Clerk of the Course to postpone, abandon or stop an event or part of an event (except as provided for in (Q.5.4). Any such instruction must be formally recorded. Provided that an event is run in more than one heat or part, these powers may, if thought fit, be exercised in respect of one heat or part.

2.4.3. Deal with any matter referred to them by the Clerk of the Course under the powers of 5.3, and if the offence is considered sufficiently serious impose further penalties under C2.6.3.

2.4.4. Alter the composition of or consolidate heats.

2.4.5. Authorise a re-run in the case of dead-heats.

2.4.6. Accept a correction made by a Judge (10).

2.4.7. Inflict a Reprimand, Fine, Time or Position penalty, Exclusion or Suspension, but not Disqualification (C.2.6.2). Any such penalty and the points accruing must be recorded on the Competitor's licence record.

2.4.8. Amend the results of a competition (C.2.10).

2.4.9. Order the removal from the course and its

precincts, or inflict a penalty, upon any Competitor or Driver who refuses to obey the order of a responsible Official.

2.4.10. Approve any request from the Clerk of the Course to modify the position of the starting or finishing line, or the course, to ensure the reasonable safety of Drivers or spectators, or to alter the programme if circumstances so require.

2.4.11. Order in writing on behalf of the MSA the impounding or sealing of a vehicle or equipment for as long as may be necessary for technical examination following an accident, or upon suspicion of non-compliance with the Technical Regulations.

2.4.12. Sign the Upgrade Cards of Kart competitors as may be required for upgrading a competition licence. The following conditions will need to be met before a signature may be given on Kart Upgrade.

Cards:

- a) A competitor must perform satisfactorily, throughout the day, at competitive speeds, and must not receive any adverse reports regarding his driving. Competitors may not necessarily have completed the Final on the day
- b) Not more than one signature per meeting
- c) Kart Endurance events do not qualify for upgrading signatures
- d) Tyro Kart events do not qualify for upgrading signatures.

2.4.13. In cases of force majeure, authorise a suitable Official who does not hold the correct licence to take over the duties of an absent Official.

2.4.14. Sign the reverse of the Clerk of the Course Licence as may be required to certify requalification or for upgrading their Officials Licence. The conditions to be met are as detailed in 19.2.

2.5. The Stewards of a Meeting have another major function, to prevent unnecessary danger, and the MSA Steward has overriding authority in matters of safety.

2.5.1. In this respect Stewards should always try and act as a body, unless there are overriding considerations of urgency.

2.5.2. Any Steward who is forced to take individual action should inform his fellow Stewards and the Clerk of the Course as soon as possible.

2.5.3. No Steward should commit any act or give any order except as required to execute his role.

2.6. As soon as possible after an event the Stewards, with assistance from the Clerk of the Course, must send a Stewards of Meeting Report (D.26.4) to the MSA giving particulars of:

2.6.1. Accidents involving injury or damage to property.

2.6.2. Protests/appeals lodged and action taken.

2.6.3. Penalties imposed and any recommendations in such cases.

2.6.4. General comments on the organisation of the event and the exercise of their duties.

2.6.5. Any other relevant observations as to the conduct of the event.

2.6.6. Any notices of Intention to Appeal and appeal fees received in accordance with Section C of the Regulations.

Championship Stewards

2.7. Championship Stewards may only adjudicate on any disputes, irregularities or appeals arising from the approved Championship regulations.

2.7.1. Championship Stewards are also empowered to consider any request from the Championship co-ordinator to penalise any Competitor for any breach of Championship regulations after holding a formal hearing to impose a penalty in accordance with C.2.1.1 (subject to the rights of appeal provided for in Section C).

Championship Co-ordinators

2.8. Championship Co-ordinators are responsible for liaison with the Championship Stewards and between the Championship Organiser, the event Organisers and the Competitors, as well as for the distribution of all relevant information.

Secretary of the Meeting

3.1. The Secretary of the Meeting is responsible for the organisation of the Meeting in terms of all material and notices required.

3.1.1. This includes all paperwork prior to the event, acceptance of entries, allocation of numbers, Competitors' 'signing-on' sheets and Licence examinations, as well as the submission of items required under D.26.4 to the MSA after the event.

3.1.2. The Secretary must be present throughout practise and the competition itself to assist in the correct running of the meeting and should maintain a list of novice Drivers (5.2, Q4.2).

3.1.3. Competitors who fail to produce the necessary documents to prove their eligibility for a meeting should be reported by the Secretary to the Stewards of the Meeting as detailed in 5.2. For Clubman and National B status Events (other than Race, Stage Rally or Kart*), a properly completed and signed licence application form (including a passport photograph) together with the appropriate fee can be accepted instead of a Competition Licence.

3.1.4. *Competitors 17 years of age and under who have just completed their ARKS test may also produce a completed application (including a passport photograph) and payment in lieu of a Competition Licence.

3.1.5. All applications accepted in lieu of a Competition Licence must be forwarded by the Secretary directly to the MSA Licences Department within 48 hours of receipt, confirming that they have been accepted at the event (H.26.1.2).

3.2. The Secretary shall:

3.2.1. Have available a current copy of the Motor Sports Yearbook (with amendments, if any)

3.2.2. Post on the Official notice board all bulletins, Permits, authorisations, times and results

3.2.3. Be responsible for sending to the Stewards prior to the meeting all appropriate documents, including a copy of the SRs

3.2.4. Be responsible for receiving any Protests or Appeals from Competitors, noting time of receipt, and

as quickly as possible pass Protests to the Clerk of the Course and Appeals to the Stewards of the Meeting.

3.2.5. Protests or Appeals may also be received by the Assistant Secretary, the Clerk of the Course or his deputy. Protests received by the Assistant Secretary or Deputy Clerk of the Course must be passed to the Clerk of the Course as quickly as possible, and Appeals to the Stewards of the meeting.

3.2.6. Ensure that publicity for the event is arranged (after D.4.1 has been complied with) to ensure that the general public are aware of the meeting. If an event is cancelled the appropriate media services in addition to the MSA and MSA Steward(s) must be advised.

3.2.7. All documents and programmes issued for an event must contain information as required by D.9, and all results, bulletins, official communications, etc should be marked with the date and time of issue.

3.2.8. The Secretary of the Meeting must liaise with the Chief Timekeeper to confirm the proposed timetable for the meeting.

3.2.9. If the meeting is scheduled to last more than nine hours from signing on, prior notice must be given to Senior Officials, so that they can make appropriate arrangements for the relief of their teams.

The Event Director

4.1. The Event Director (Race Director, Rally Director etc) is the Official appointed at major international meetings by the organising committee (or the MSA) who is responsible for the overall planning of the meeting, for maintaining the timetable (including non-sporting aspects) and for compliance with FIA and MSA prescriptions and protocol.

The Clerk of the Course

5.1. The Clerk of the Course has overall responsibility for the general conduct and control of an event in accordance with the Regulations, Programme and Organising Permit.

5.1.1. The Clerk's duties commence at the opening date for receiving entries, and conclude once the results have been finalised, any protest time has expired, all protests and appeals have been dealt with, and any post-event inspections of vehicles or components have been completed and reported on.

5.1.2. The Clerk of the Course must be present throughout practise and the Competition in order to carry out the specified duties.

5.1.3. The MSA may require certain Clerks of the Course to be licensed Officials.

5.1.4. To be eligible to be named a permanent Clerk of the Course for a Race Championship, registered with the MSA, the Clerk must be the holder of a current Clerk of the Course National 'A' licence, as a minimum.

Responsibilities

5.2. The responsibilities of the Clerk of the Course will be:

5.2.1. Ensure that all regulations are complied with and that all necessary equipment is available.

5.2.2. Keep order in conjunction with the Officials appointed with special responsibility for public security.

5.2.3. Ensure that all Officials are provided with the information necessary to carry out their duties.

5.2.4. Ensure the appropriate Officials are at their posts and report accordingly to the Stewards of the Meeting before any event commences.

5.2.5. Ensure that the conditions of any Permit and Track Licence have been fulfilled before the start of practice or competition, and report accordingly to the Stewards of the Meeting. Before doing so (and except in the case of Rallies and Classic Reliability Trials) the Clerk (or Deputy) must inspect the course and its installations. Any proposals to vary the manning or equipment levels must receive specific written approval from the Stewards of the Meeting before the event can commence.

5.2.6. Make arrangements with the Secretary to satisfy himself and the Stewards that all Drivers, co-Drivers and Entrants are in possession of the appropriate Competition Licences/Medical Certificates and Club Membership cards (3.1). Except as provided for in 3.1.3, any Competitor who cannot produce the necessary documents to prove eligibility at an event may not be allowed to start except with the agreement of the Stewards and on payment of a fee. In such cases the Clerk of the Course must ensure that the indemnities required by D.13.1 have been signed.

5.2.7. Arrange for all cars to be routed to the Scrutineering area or Parc Fermé (as appropriate).

5.2.8. Ensure that every accident or incident involving a competing vehicle is reported to the Stewards of the Meeting and the Chief Scrutineer, and that the Chief Medical Officer is informed if any Competitor is injured. The Competitor's Medical Certificate/Licence should be returned to the MSA if the Chief Medical Officer considers it appropriate.

5.2.9. Ensure that any vehicle which is to give a performance demonstration or take part in a high speed parade has been examined and approved by the Chief Scrutineer, and that the Driver has 'signed-on'.

5.2.10. Ensure that every vehicle carries the proper identification marking in accordance with the programme.

5.2.11. Ensure that the correct Driver is in each vehicle and Marshal the vehicles as necessary.

5.2.12. Send the vehicles to the starting line in the right order, personally start all races or delegate this responsibility to a competent Official who will start all scratch races throughout the meeting, except in the case of force majeure.

5.2.13. Advise the Stewards of the Meeting any proposal to modify the programme.

5.2.14. Collect the reports of the Timekeepers, Scrutineers, Technical Commissioners, Pit Observers, Driving Standards Observers and Judges of Fact, together with any other Official information effecting the results.

5.2.15. Prepare or arrange for the Secretary of the Meeting to prepare a statement of the information necessary to enable the Stewards of the Meeting to complete their report (2.6).

5.2.16. Relieve from duty any Official or Marshal who the Medical Officer considers as possibly unfit by reason of health, consumption of alcohol or drugs.

5.2.17. Ensure that any driver of a Parade, Lead or Safety Car during a Race (n.b. not including the driver of any car controlling a formation lap), is a suitably experienced circuit driver who should have or had previously held a Competition Licence (Q.4.9).

5.2.18. Deal with any Protests from Competitors.

5.2.19. (3.1, H.13, Q.4.2). **Sign competition licence Upgrade Cards (except in respect of Kart Races, with the exception of Long Circuit Karting). As a guide, the following conditions will need to be met before a signature is given:**

- a) A driver must perform satisfactorily at competitive speeds and must not receive any adverse reports regarding his driving
- b) In races up to 10 laps the driver must be classified as a finisher. In some cases, particularly where a race includes several classes of widely differing performances, a driver need not complete the full distance of the race
- c) In races over 10 laps the driver must complete at least 10 laps
- d) There must be at least 10 starters
- e) A high-speed trial will qualify as a race for the purposes of signing of Upgrade Cards
- f) **Not more than two signatures (one per race) per driver may be given at any one car race or Long Circuit Kart meeting (H.13)**
- g) If a Clerk of the Course refuses to sign a Upgrade Card, a driver concerned may Appeal to the Stewards as provided for in Section C.
- h) For Endurance Races where a driver has satisfactorily completed at least one hour of driving time, they may receive two signatures.

5.2.20. Notify the landowner and the Local Environmental Health Officer of any injury requiring overnight hospitalisation incurred during the meeting.

5.2.21. Stop a race in accordance with Q.5.4 (2.4).

5.2.22. Authorise the use of flashing yellow warning lights when these are controlled from Race Control (E.3.1.3 to 3.1.7).

5.2.23. Additional duties and responsibilities can be detailed in the Specific Regulations.

Powers

5.3. The Clerk of the Course acts as the sport's first judicial body. The Clerk, or his Deputy except in very serious cases, has the power to impose penalties in accordance with C.2.1.1 (excluding Suspension and Disqualification), and the following:

5.3.1. Exclude from the results of practice or competition, or prohibit from competing, any Competitor or Vehicle that has been reported unsafe or ineligible.

5.3.2. Penalise any Driver reported for not complying with flag signals.

5.3.3. Penalise any Competitor reported for being in contravention of the General Regulations or SRs.

5.3.4. Exclusions can be enforced either by displaying a Black Flag during a race, or after interview at the end of the competition or practice.

5.3.5. Penalise a Competitor found guilty of breaching C.1.1.5. This does not preclude the Competitor also being reported to the Stewards of the Meeting for further penalties under C.2.6.3.

5.3.6. Penalise any Competitor found guilty of abusive language or behaviour or physical assault or threat of physical assault. This does not preclude the Competitor also being reported to the Stewards of the Meeting for further penalties.

5.3.7. Impose a time penalty of up to 10 seconds for competitions of 30 miles or less or up to one minute if over 30 miles, upon any Competitor in a race meeting who he considers has gained an unfair advantage (whether inadvertently or not). This regulation does not preclude such a Competitor being reported to the Stewards for alternative penalties. In un-timed Kart Races, this penalty may be replaced by a position penalty (C.2.3).

5.3.8. Impose a fine as detailed in Part 3, Appendix 1 on any Competitor who fails to attend, or who reports late at, a scheduled Drivers' briefing, or on any Driver who has not raced at the circuit before and who fails to report for a pre-practice briefing (Q.4.2.)

5.3.9. All driving penalties applied must be recorded on the Driver's Competition Licence Record

5.3.10. All exclusions, penalties or fines must be reported by the Clerk of the Course personally to the Stewards of the Meeting. Fines must be handed to the Stewards for onward transmission to the MSA.

Timekeepers and Handicappers

6.1. Timekeepers and Handicappers are appointed and licensed annually by the MSA from people holding the relevant annual MSA appointments (except for National B or Clubman non-speed competitions when this requirement only applies if specifically imposed on the MSA Organising Permit).

6.1.1. All are subject to an annual performance review and their appointment can be revoked at any time.

6.1.2. They should have no connection with any particular trader or manufacturer who might benefit in any way from the result of any competition at which they officiate.

6.1.3. Timekeepers can only officiate in accordance with their appointed grade and using the appropriate certified equipment and procedures relevant to a particular event.

6.1.4. The Chief Timekeeper is responsible for the appointment, and conditions of appointment, of staff.

6.1.5. The organising club must provide all necessary information and is responsible for meeting all approved costs of the Officials and for providing adequate facilities for them to carry out their duties.

6.1.6. The Chief Timekeeper may employ other suitably experienced assistants.

6.1.7. The minimum Permitted grade of Timekeeper in charge at any event is given in the accompanying table (Table No. 6).

Duties of Timekeepers

6.2. The principal duties of Timekeepers are to:

6.2.1. Report personally to the Chief Timekeeper at the start of an event

6.2.2. Use appropriate certified equipment for the type and grade of event and for the authenticity of the results produced.

6.2.3. Register appropriate times for the competition, and any other times required by the Clerk of the Course, sign the timing reports and pass them to the Chief Timekeeper.

6.2.4. Send their original time sheets to the Clerk of the Course, the Stewards of the Meeting or the MSA, if requested.

6.2.5. Communicate any times or results only to the Clerk of the Course, the Stewards of the Meeting or in accordance with their instructions.

6.2.6. Prepare and sign a report relating to timing and send it with all necessary supporting documents to the Clerk of the Course (or to the MSA in the case of a record attempt).

6.2.7. Act as Judge of Fact in respect of timing matters at Race and Speed events. If there is no Chief Timekeeper at Kart Race meetings, the Chief Lap Scorer will be a Judge of Fact in respect of laps completed and finishing order.

6.3. At Speed events Timekeepers must NOT accept responsibility for ensuring the course is clear in order to permit the next Competitor to start.

6.3.1. The Clerk of the Course must appoint a Starter whose duty it shall be to notify the Timekeeper when the course is ready for the next Competitor (5).

Timing Requirements

6.4. Times recorded using manually-operated equipment should be rounded to the nearest 0.1 of a second.

6.4.1. The accuracy of automatically-operated equipment will be as classified.

6.4.2. Where times are not to be published, speeds should be given to the nearest mile per hour and no minimum standard of equipment applies.

6.4.3. When calculating average speeds, the result should be consistent with the accuracy of time and distance measured, and must be rounded down at all times.

6.5. Standing Start Speed Events:

6.5.1. For Hill Climbs and Sprints, timing is only permitted up to an accuracy of 0.1 or 0.01 seconds.

6.5.2. For vehicle-activated timing, the alignment for start time must relate to a specific part of the vehicle having moved forward 100mm from rest. The Permitted tolerance for this alignment is $\pm 50\text{mm}$ or $\pm 5\text{mm}$ for times rounded to 0.1 sec or 0.01 seconds respectively.

6.5.3. For Hill Climbs, Sprints and record attempts, the Chief Timekeeper will arrange for an appointed Timekeeper to be positioned at the start line to ensure that each vehicle is correctly aligned before being Permitted to start.

6.5.4. Where timing is actuated by a light beam, only cars fitted with a timing strut will have their times recorded (S.10.9).

6.5.5. For Speed Events (except Drag Races) the light beams must be set parallel to, and between 280mm and 430mm above the road surface. The light beam at the finish must be set at the same height as the start beam. Competitors must be positioned at the start so that the part of the car that will break the beam is 100mm behind it.

(G) Officials

6.5.6. For Speed Events (except Drag Races) the Course Clear/Closed signal must be separated from any other signal.

6.5.7. The Course Closed signal must be red and, if it is a light, must be fitted with at least two bulbs. The Course Clear signal must be green and be activated in accordance with 6.3.

Alignment Lights

6.5.8. Where alignment lights are used, they must be in a separate housing and can be of any colour except red or green. When course conditions require, a repeater of the Course Clear signal can also be incorporated in this housing.

Autocross and Rallycross Events

6.5.9. The start of timing should be synchronised with the starting signal, and not activated by a light beam.

Rallying Events

6.5.10. Where times are recorded to the nearest minute, a timepiece with an accuracy validated against GMT/BST Time is Permitted (R.2.7).

Timing Equipment

6.6. All timing equipment used at any MSA Permit event must have a licence plate attached, and proof of current certification must be available at all times.

6.6.1. For Stage Rallies, the Chief Timekeeper must provide the MSA Steward (or send to the MSA within seven days) a standard report form listing the certificate numbers, serial numbers and names of the suppliers of the clocks being used.

6.6.2. Any Laser equipment must have MSA approval before use.

6.6.3. Adequate warnings must be displayed that a laser beam is being used, and precautions taken to prevent any person looking directly into the beam.

Handicappers

6.7. There shall be an MSA-licensed Handicapper in attendance throughout any event where results depend on a handicap.

6.7.1. After entries have closed, the Handicapper shall prepare the handicaps in accordance with the SRs, which should state if any handicap is to be varied following a performance made in a previous event at the same meeting.

6.7.2. In the case of a handicap race where the handicap is applied at the start, the starter must be a Timekeeper.

Scrutineers and Technical Commissioners

7.1. Technical Officials are appointed and licensed annually by the MSA from people holding the relevant MSA appointments (except for National B or Clubman non-speed competitions where this requirement only applies if specifically imposed on the MSA Organising Permit).

7.1.1. All Special Stage Rallies must have an MSA-licensed Scrutineer.

7.1.2. The Chief Scrutineer is responsible for the appointment, and conditions of appointment of staff.

7.1.3. The organising club must provide all necessary information and is responsible for meeting all approved costs of the officials and for providing adequate facilities for them to carry out their duties.

7.1.4. The Chief Scrutineer can employ other suitably experienced assistants, but lay assistants cannot give final approval for the participation of any vehicle.

7.1.5. Scrutineers are responsible for checking the mechanical state of vehicles both in regard to compliance with all Regulations and in the interests of safety (H.32).

7.1.6. There must be a Chief Scrutineer present at all events and not less than one Scrutineer for every 45 vehicles entered for the event.

7.1.7. All Scrutineers must report to the Chief Scrutineer at the start of a meeting.

7.1.8. The Chief Scrutineer can be nominated by the MSA, who may also appoint other Officials for specific duties in connection with vehicle eligibility. In other instances the organising club is responsible for appointing these Officials.

7.2. The time allowed for scrutiny shall be such that no more than 10 vehicles per hour are required to be examined per Scrutineer.

7.2.1. Scrutineers will signify acceptance of a vehicle by issuing a label showing details of the event.

7.2.2. For MSA Scrutineers the label must bear the MSA logo.

7.2.3. The label must be attached to the vehicle for the duration of the event (H.32).

7.2.4. When a Scrutineer rejects a vehicle, details must be put in writing with a copy, timed and signed by the Competitor, retained by the Scrutineer.

7.2.5. The decision of a Scrutineer may be overruled by the Stewards of the Meeting in the course of adjudicating on a properly registered Appeal.

7.2.6. At all events the Chief Scrutineer must supply a written report to the Clerk of the Course covering all vehicles examined, giving reasons for any rejections.

7.2.7. MSA-appointed Scrutineers and Technical Commissioners must report any findings to the Chief Scrutineer and Clerk of the Course, with a copy direct to the MSA.

7.3. In particular, Scrutineers shall:

7.3.1. Make inspections at any time at the request of the Organisers, the MSA, the Clerk of the Course, Chief Scrutineer or Technical Commissioner.

7.3.2. Use only such measuring instruments as may be specified by the MSA.

7.3.3. Communicate Official information only to the Clerk of the Course, the Stewards of the Meeting or the MSA.

7.3.4. Prepare and sign the reports of their inspections and pass them to the Clerk of the Course and the MSA, as appropriate.

7.3.5. Attend two out of three annual Seminars to maintain their appointment (28).

7.4. The Chief Scrutineer (and any Deputy) shall remain on duty throughout an event.

7.4.1. Every Scrutineer responsible for approving a vehicle shall remain on duty until that vehicle has completed the competition (including any post-competition scrutineering periods), or until released by the Chief Scrutineer.

7.4.2. The SRs for meetings or International events being run to Appendix J of the FIA's International Sporting Code will require the Entrant to make available at all times a copy of the Homologation Papers appropriate to the type of vehicle participating.

Scrutineers Groups

7.5. Chief Scrutineers can instruct Trainee Scrutineers to assist as part of their on-the-job training. Scrutineers can sign for cars in their own right, and can assist more senior grades at any meeting.

7.5.1. Deleted.

7.5.2. National Scrutineers can take charge of scrutineering at events up to National A status.

7.5.3. International Scrutineers can take charge of scrutineering at any type of event up to International status, including FIA Championship events.

Technical Commissioners

7.6. Technical Commissioners are empowered to check the eligibility of vehicles for compliance with any Technical Regulations and to undertake any measurements or examinations required.

Eligibility Scrutineers

7.7. Eligibility Scrutineers, whose names should be published, can be appointed for certain Formulae for which Technical Commissioners have not been specified.

7.7.1. Eligibility Scrutineers must be licensed Scrutineers and must always work in conjunction with the Chief Scrutineer or Technical Commissioner with regard to Judgements of Fact.

7.7.2. If required to undertake measurements that require stripping of a vehicle, they must be licensed to do so. Measurements which can be performed without stripping may be undertaken by a licensed Scrutineer.

7.7.3. Eligibility Scrutineers appointed to International Rallies can carry out, or request to be carried out, any stripping and dismantling that may be needed.

7.7.4. Codes of Practice are provided for both Technical Commissioners and Eligibility Scrutineers. Technical Commissioners and licensed Eligibility Scrutineers are considered members of the Technical Commission.

Environmental Scrutineers

7.8. Environmental Scrutineers are appointed by Organisers (and occasionally the MSA) for all Rallies involving cars built after 1941 and for other events using the public highway. At all other events the Organiser and Chief Scrutineer may appoint an Environmental Scrutineer.

7.8.1. Environmental Scrutineers' main function is to use sound meters or other means to check sound levels of all cars (including Course Cars) at

Scrutineering and during the event, and report excessive levels.

7.8.2. The duties of an Environmental Scrutineer may be combined with that of a Driving Standards Observer as detailed in G.11.

7.8.3. To assist Owners and Organisers the MSA has set up an Auditing Inspectorate of Environmental Inspectors who are licensed to attend events and carry out measurements in conformity with J.5.18.

7.9. All Environmental Scrutineers have the authority to refuse a start or withhold Time Cards or route information where Competitors are considered to have made excessive noise.

7.9.1. Environmental Scrutineers may also bar Course Cars from an event.

7.9.2. Before the start of a Rally, a Sound Test must be conducted in accordance with J.5.18, using either the 0.5m or 2.0m test, as decided by the Environmental Scrutineer.

7.9.3. Road Rallies should use the 2.0m test wherever possible.

7.9.4. Organisers should liaise with the landowners as appropriate.

7.9.5. No protest or appeal can be made against the decision of an Environmental Scrutineer.

7.9.6. The name of the Environmental Scrutineer should either be given in the Final Instructions or posted on an Official notice board at signing-on before the start of Scrutineering.

7.9.7. Environmental Scrutineers must provide a full written report, to the Clerk of the Course as soon as possible before publication of provisional results.

7.9.8. Details of any penalty applied by the Environmental Scrutineer must be included in the published results.

7.9.9. The SRs or the Final Instructions for the event should carry a reminder that a sound test will be carried out.

7.10. The minimum requirements for Sound Meter Standards are as follows:

- Type 1 or 2 Instrument (to be calibrated regularly)
- International Standard IEC 651
- British Standard BS 5969
- Range 70–120 dB(A)
- Weighting 'A'
- Time Constants Fast/Slow
- Maximum 'Hold' recommended.
- Calibrators to comply with BSEN or IEC 60942 Class 2.

Pit Observers

8.1. The Pit Observers and Marshals must:

8.1.1. Report to the Chief Pit Marshal at the start of the meeting and act on his orders.

8.1.2. Report immediately to the Chief Pit Marshal any infringement of the Regulations by a Competitor.

8.1.3. Submit their reports at the end of the event to the Chief Pit Marshal.

(G) Officials

Race Observers and Flag Marshals

9.1. Observers are the eyes and ears of the Clerk of the Course and occupy Posts along the course allocated to them by the Chief Observer.

9.1.1. Observers are responsible for the efficient operation of their Post team, but should not personally become involved in dealing with incidents.

9.1.2. Upon taking up their Post, Observers should report to the Clerk of the Course on its levels of equipment and manning.

9.1.3. Observers must pass on to the Post team any instructions received from the Chief Observer and ensure that all watches are synchronised with Official Timekeeper's.

9.1.4. Observers should immediately report to the Clerk of the Course by telephone or radio all incidents that occur on their section of track, including the time of occurrence.

9.1.5. Observers are responsible for advising the Clerk of the Course as to whether a race should be stopped.

9.1.6. Any vehicle stopping in their sector should only be moved if the Observer (or their Deputy) is satisfied this can be done without unreasonable risk to Marshals. If not, the Observer should immediately report to the Clerk of the Course that the vehicle cannot be moved.

9.1.7. At the end of each competition or practice (or as required) all Observers must give the Clerk of the Course a written report covering all incidents or accidents in their sector.

9.1.8. The Observers' Report should include the time the incident occurred, the identities of all people and vehicles involved, and full details of the incident.

9.1.9. Race Observers are also responsible for the use of flashing yellow warning lights when the control of these lights is from their Post (E.3.1.3).

9.2. Flag Marshals are appointed to give flag signals to Competitors and may also act as Observers.

Judges of Fact

10.1. Judges (of Fact) may be appointed by an organising club, the MSA or (with MSA approval) a Regional Association to adjudicate on any factual occurrence or question of eligibility at an event.

10.1.1. No protest or appeal can be made against a Judge in relation to any statement of fact, which must be accepted as a fact unless later corrected by him (with the approval of the Stewards of the Meeting).

10.1.2. A Judge's decision must not constitute a statement of results, and Judges are not empowered to impose penalties, as they will not necessarily have taken into account any prevailing conditions.

10.1.3. Except for events where any part takes place on the public highway, Judges must report to the Clerk of the Course for any necessary action to be taken. (See 7.9.2 and 7.9.3 for procedures on Rallies and other events.)

10.2. The SRs for an event will specify the facts to be judged and the specific Officials who will judge them.

In particular:

10.2.1. The Chief Scrutineer of an event and members of the Technical Commission are considered Judges in respect of Vehicle Eligibility (C.3).

10.2.2. Environmental Scrutineers and Officials in charge of Sound Meters are considered Judges in respect of Sound.

10.3. The use of cameras or similar equipment to facilitate a Judge's decision is allowed, but only if the equipment is under the control of the Organisers.

10.3.1. In such cases the Judge can delay a decision until the evidence is obtained.

Driving Standards Observers

Non-Race Observers

11.1. Driving Standards Observers can be appointed by Organisers, the MSA or (with MSA approval) a Regional Association for all events wholly or partly held on the Public Highway.

11.1.1. Their function is to monitor driving standards, including noise and speed levels, and report driving likely to bring the sport into disrepute.

11.1.2. Driving Standards Observers are empowered to inform Competitors that they will be penalised in accordance with the Regulations, which can include withdrawal from the event.

Motor Sports House

OPEN

Monday - Thursday 9.30 - 5.30

Friday 9.30 - 5.00 (phone enquiries 10.00 - 5.00 please)

Tel: 01753 765000 Fax: 01753 682938

Licence Section: Tel: 01753 765050 Fax: 01753 685426

Website: www.msauk.org

11.1.3. No protests or appeals can be made against their decisions.

11.2. Driving Standards Observers must provide a full written report, to the Clerk of the Course as soon as possible before publication of provisional results.

11.2.1. Details of any penalty applied by the Observer must be included in the published results.

11.2.2. The names of any Observers should either be given in the Final Instructions or posted on an Official Notice Board at signing-on not less than 30 minutes before the first car is due to start (R.2.8.1).

11.2.3. The SRs for the event should state that Driving Standards Observers are being appointed.

Race Observers (Q.4.8, Q.18)

11.3. The Organisers or the MSA can appoint MSA-licensed Driving Standards Observers to monitor driving standards at all grades of Race meetings.

11.3.1. Any MSA-licensed Race Clerk of the Course is automatically considered an MSA-licensed Driving Standards Observer.

11.3.2. The names of the Driving Standards Observers should either be given in the Final Instructions or posted on the Official notice board not less than 30 minutes before the start of the first practice session.

11.3.3. All Driving Standards Observers should provide a full written report on any adverse driving standards to the Clerk of the Course as soon as possible, with copies made available to adjoining Observers' posts as appropriate.

Marshals

12.1. An adequate number of competent Marshals must be on duty throughout any event, allocated to locations and duties appropriate to their individual experience and training.

12.1.1. Marshals appointed to control spectator or Competitors should be on duty at least half-an-hour in advance of the expected time of arrival.

Declarations and Understandings

13.1. All Officials and Marshals at an event must identify themselves by signing on in order to obtain Personal Accident Insurance cover. They must also sign the following undertaking:

'I agree to act in an Official capacity at this meeting and in consideration of this the organising club(s) have effected for my benefit a Personal Accident Insurance Policy for death or benefits as prescribed more specifically by the MSA. I have been given an opportunity to read the General Regulations of the Motor Sports Association and, if any, the Supplementary Regulations for this event and agree to be bound by them.'

'I declare that I am physically and mentally fit to carry out my duties and that I will inform the Organisers immediately should any change in my condition occur which I have reason or ought to have reason to believe would affect my ability to carry out my duties. I acknowledge that I understand the nature and type of

competition and that as an Official, I may be exposed to the potential risk inherent in motor sport and I will undertake my duties with their associated risks with due and proper regard for my safety and that of others. 'Further, I understand that all persons having any connection with the promotion and/or organisation and/or conduct of the event are insured against loss or injury caused through negligence. I declare that I am not suffering from any infirmity or physical disability likely to affect the performance of my duties as an Official of the event.'

'I hereby agree to abide by the MSA Child Protection Policy and Guidelines.'

13.1.1. All Officials, Marshals and members of the media must be identified by armlets, tabards or badges (D.32.3) which are not transferable.

13.1.2. They undertake their duties at their own risk and must go no nearer the course than is essential to perform their duties.

13.1.3. No Official under the age of 18 should be given duties that require them to be outside an enclosure, unless under the direct supervision of an experienced adult Official.

13.1.4. Organising clubs should refrain from using any person under the age of 16 for any duty that may place them in a position of danger.

13.1.5. Organisers should be in possession of the addresses of all Marshals and Officials.

13.1.6. Any person under the age of 18 signing-on as specified in 13.1 and where the Parent is not present must be accompanied by a Guardian who must produce a written and signed Authorisation from the Parent to act as Guardian.

13.2. Accredited members of the Media (who must be at least 18 years of age) must sign the following undertaking:

'I declare that I am over 18 years of age and agree to act, at all times, in accordance with the instructions of Officials of the event. I further declare that I am physically and mentally fit to carry out my function and that I will inform the Organisers immediately should any change in my condition occur which I have reason or ought to have reason to believe would affect my ability to carry out my function.'

'I acknowledge the nature and type of the competition and that while undertaking my duties I may be exposed to the potential risk inherent in motor sport and that I will undertake my function with its associated risks with due and proper regard for my safety and that of others. I understand that all persons having any connection with the promotion and/or organisation and/or conduct of the event are insured against loss or injury through their negligence.'

'I hereby agree to abide by the MSA Child Protection Policy and Guidelines.'

Commentators

14. The commentator is not regarded as an Official of the meeting but must nevertheless ensure that any comment made should not imply that a regulation has been broken, or that action should be taken against a Competitor or Official. Official statements must only be issued under the authority of the Clerk of the Course.

(G) Officials

Medical Arrangements

15.1. All doctors attending motor sport meetings as medical officers must be in possession of a valid licence to practice, members of a recognised medical defence organisation and covered by insurance for work outside of a hospital.

Foundation Year 1 and Foundation Year 2 doctors may not act as medical officers at an event. Trainees beyond Foundation Year 2 must ensure that the Approved Practice Setting restriction has been removed from their licence by the GMC.

15.1.1. Doctors must be aware that they are expected to provide themselves with the equipment they see necessary for the proper performance of their duties.

15.1.2. It is recommended that Doctors should wear readily identifiable (preferably red) protective overalls or tabards. The backs should display the word Doctor.

15.1.3. Full details of equipment required and duties of Medical personnel are given in Section E.

15.1.4. The Anti-Doping Control Official, in conjunction with the Clerk of the Course and the Stewards, may carry out spot checks on Competitors or Officials, to ascertain whether they are using drugs or alcohol (D.25.1.14).

Officiel d'Honneur

16.1. Officials who have completed their active service to motor sport may be invited by the MSA to become an Officiel d'Honneur.

16.1.1. This will entitle them to various privileges and their advice may be called upon to make optimum use of their wealth of experience.

Licensing of Officials

17.1. The duties and responsibilities of all Officials are detailed in 1 to 16.

17.1.1. It is expected that, as representatives of the MSA, licensed Officials in particular will be suitably dressed for their role and be readily identifiable as MSA Licensed Officials.

17.1.2. The MSA Official Licence is the most appropriate means of identification and should be carried at all times when acting in the capacity of a licensed Official. Remember that smart, functional and appropriate clothing will add significantly to the status and identity of licensed Officials when dealing with Competitors or the general public.

17.1.3. Every person, body or group of people shall, upon holding an appointment of the MSC, whether as an Official, Council or Committee member, be deemed to have and recognise that they have:

- Made themselves acquainted with these Regulations.
- Submitted themselves without reserve to the consequences resulting from these Regulations.
- Agreed they will not become concerned in any action in law against the MSA, MSC, their Officials or any other persons or board subject to these Regulations, without the prior written consent of the MSA, or as a result of their own personal injury or death.

Officials' Licensing

17.2. Officials are registered by the issuing of an Official Licence by the MSA, assuming the applicant's credentials have satisfied MSA requirements.

17.2.1. The MSA reserves the right at all times to refuse to issue an Official Licence, stating the reasons why.

17.2.2. An Official Licence issued will remain the property of the MSA, which reserves the right to withdraw or suspend it at any time, stating the reasons why.

17.2.3. An Official Licence granted by the MSA does not constitute a certificate of the competency of the holder.

Acts Prejudicial to Motor Sport

17.3. An Official Licence holder who does anything to bring motor sport into disrepute, or commits an act prejudicial to the interest of motor sport generally, may face disciplinary action (C.1.1.4).

Ages

17.4. Applications for those under 18 years of age must be counter-signed by a Parent or Guardian. Proof of guardianship may be required.

17.4.1. As a general principle, all senior Officials should be at least 18 years of age.

17.4.2. When certain Officials have completed their active service, they may be invited by the MSA to become an Officiel d'Honneur, and will then be entitled to various privileges. Their advice may be called upon to make optimum use of their wealth of experience.

Period and Validity

17.5. Unless otherwise rendered invalid, the period of validity of all Licences, for the purposes of acquaintance and submission to these rules, runs from the 1st January to the end of the calendar year shown on the Licence.

17.5.1. To be valid, an Official Licence must be signed in ink and must bear a passport type photograph of the holder, being a current likeness.

17.5.2. The MSA Official Licence, is issued bearing the holder's name, Licence number, Licence grades and photograph.

17.5.3. Stewards will be issued with an MSA Stewards Badge in addition to their MSA Officials Licence. The badge shall bear the holder's name, licence number and photograph.

Holder's Indemnity and Undertakings

17.6. Once granted an MSA Official Licence, the holder binds themselves to the following requirements and undertakings (A.2.6.1):

17.6.1. They will abide by the MSA Regulations, and any amendments or additions, which may be in force at any time that the Licence is used for the purpose of officiating at a motor Competition.

17.6.2. They acknowledge that anyone having any connection with the promotion and/or organisation and/or conduct of an event is insured against loss or injury caused through their negligence.

17.6.3. Whilst officiating at an event, they must be medically fit to do so and to carry out their required duties.

17.6.4. They should not consume any alcohol or banned substances before or during an event.

17.6.5. They may not compete in an event for which they are nominated as an Official. This includes anybody nominated as an Official in the regulations or programme of an event, even though the individual named does not in fact carry out his Official duties.

17.7. All Officials, Marshals and members of the media must be identified by tabards or badges (D.32.3), which are not transferable.

17.7.1. They undertake their duties at their own risk and must not go nearer the course than is essential for the performance of their duties.

17.7.2. No Official under the age of 18 should be given duties that require them to be outside an enclosure, unless they are under the direct supervision of an experienced adult Official.

17.7.3. Organising Clubs should not use any person under the age of 16 for any duty that may place them in a position of danger.

17.7.4. Organisers should be in possession of the addresses of all Marshals and Officials.

17.7.5. Any person under the age of 18, signing-on as specified in 13.1 and where the Parent is not present must be accompanied by a Guardian who must produce a written and signed Authorisation from the Parent to act as Guardian.

Licence Retention and Downgrading

17.8. Applicants may retain their Licences if they meet the criteria set out below.

17.8.1. If an applicant, for whatever reason, does not qualify to retain their current Licence grade, they will be automatically downgraded according to these regulations.

17.8.2. Upon renewal an applicant may voluntarily take out a Licence of lesser grade than they are entitled to.

Licence Upgrading Procedure

17.9. Any applicant wishing to upgrade their Licence on renewal, and who has met the upgrading criteria detailed in this section, should forward the completed Officials Licence Renewal Form, together with the appropriate qualification criteria and the required payment, to the Licence Section.

17.9.1. Applicants wishing to upgrade a current Officials Licence should forward a written request, together with the appropriate fee (if any) and the appropriate qualification criteria as detailed within this section, to the MSA Licence Section.

Officials' Expenses

17.10. Officials must disclose fees earned from motor sports activities to the Her Majesty's Revenue and Customs and account for tax where necessary.

17.10.1. Advice on any potential tax liabilities should be available from their local tax office.

17.10.2. The specific reimbursement of actual costs should not create a tax liability and individuals falling solely within this category and not receiving any fees need not report them on their annual tax return.

Clerks of the Course

18.1. Applications for a new Clerk of Course Licence must be accompanied by a nomination from a Club which organises events within the appropriate discipline.

18.1.1. An applicant's previous motor sporting

experience will be taken into account. Refer to the individual discipline criteria for exceptions.

18.1.2. The MSA reserves the right to appoint candidates to any grade.

18.1.3. All licensed Clerks of the Course are required to attend at least two out of three consecutive MSA Clerk of the Course seminars for which they are eligible to maintain their status.

18.1.4. In addition to the requirement of 18.1.3, and for Race and Kart only, to maintain an existing grade the applicant must have acted as Clerk of the Course or Deputy Clerk of the Course at three events of that grade within 24 months. The period is as defined in the qualification period below.

Qualification Period

18.2. The twelve months qualification period will run from the 1 January to 31 December annually.

Regrading

18.3. All names on the Clerk of the Course list will be reviewed annually and may be regraded.

18.3.1. The review will take into consideration the applicant's experience and record of active participation.

Upgrading

18.4. Requests for upgrading must be supported in writing by a Club which organises events within the appropriate discipline, and by two senior Officials who have worked with the applicant and are satisfied as to their competence.

18.4.1. Refer to the individual disciplines within this section for the relevant upgrading criteria.

18.4.2. Once all supporting documentation has been received the MSA may arrange for applicants to be observed in the performance of their duties. The applicant must provide a list of scheduled events when submitting an application for upgrade. In addition the MSA may require applicants to take part in either a written or oral examination before the upgrading of any Licence.

Clerk of the Course Licence Grades

18.5.1. Probationary: May only work as an Assistant Clerk of the Course at a Clubman or National B meeting.

18.5.2. National B: May act as Clerk of the Course at Clubman or National B meetings, or as Deputy/Assistant to a higher grade Clerk of Course at National A events.

18.5.3. National A: May act as Clerk of the Course up to and including National A status, as a permanent Clerk to a MSA registered Race Championship, or as Deputy/Assistant to a higher grade Clerk of the Course at International events.

18.5.4. International: Only an International Clerk of the Course may take charge of an International event.

Officiating Capacity

18.5.5. For exceptions to the definitions as detailed below, refer to the individual criteria within this section. (See Chart 18 at the end of this section.)

Definition of Deputy and Assistant Clerk of Course

18.5.6. Deputy Clerks of the Course may act on behalf

of the Clerks of the Course in their temporary or permanent absence or unavailability.

18.5.7. Assistant Clerks of the Course assist the Clerks in the performance of their duties, but may not act on their behalf at any time.

18.5.8. With the exception of Cross Country and Stage Rallies, all Deputy and Assistant Clerks of the Course must be licensed.

Race Clerk of the Course

19.1. In the case of all Race events, the Clerk of the Course must hold a Clerk of the Course Licence issued by the MSA and valid for the particular grade of meeting.

19.1.1. The maximum number of Clerks of the Course at any race meeting shall be two. One must be nominated as Senior Clerk of the Course responsible for the overall control of the Meeting.

19.1.2. Where a Championship/Series permanent Clerk of the Course is appointed, they must be the holder of a current Clerk of the Course National 'A' licence, as a minimum and they shall not be included in the above numbers.

19.1.3. The maximum number of Deputy/Assistant Clerks of the Course for any race meeting shall be two (except at International meetings).

19.2. The following conditions will need to be met before the Clerk of the Course Licence may be endorsed and signed by the MSA Steward in respect of upgrading or retention.

19.2.1. The Clerk of the Course must present their Officials licence at the start of the day.

19.2.2. The licence must not have been pre-completed by the Clerk.

19.2.3. The Clerk of the Course must be on duty throughout the day, if they are present only as a permanent Clerk of a Championship they will not be granted a signature. The Senior Clerk must provide a review to the Steward of the individual's performance, throughout the day which should include:

- a) What duties were performed and the quality of their performance.
- b) That the Clerk has presented satisfactory communication skills which did not exacerbate situations.
- c) That he/she has satisfactorily dealt with judicial matters which may include judicial hearings.
- d) The status of the race(s) clerked should be recorded i.e., not necessarily highest status of meeting.

19.2.4. If the Clerk of the Course is the Senior Clerk for the event then they must have remained on duty throughout the day and satisfactorily managed the running of the meeting, including liaising with Competitors and fellow Officials.

Officiating Capacity

19.3. This is a detailed above with the following exceptions:

19.3.1. International CofC: Only an International Clerk of the Course may take charge of a British Championship race. An application for an International Clerk of the Course to take charge of an FIA Championship race must be submitted by the race organising Club and will be considered by the MSA on an individual basis.

Upgrading

19.4.1. Probationary to National B Race: An applicant wishing to upgrade to National B must satisfactorily complete the Clerk of the Course modular training programme.

19.4.2. National B to National A: Applicants must have received signatures from an MSA Steward for acting satisfactorily as Clerk of the Course at 15 Clubman or National B race meetings (which may include having acted as Deputy Clerk of the Course at National A race meetings) over a period of not less than 12 months and not more than 36 months immediately preceding the application to upgrade, and at a minimum of two venues. In addition they must have attended at least one MSA Clerk of the Course seminar during the upgrading period.

19.4.3. National A to International: Applicants must have received signatures from an MSA Steward for acting satisfactorily as Deputy Clerk of the Course for the International element of six International race meetings, over a period of not less than 12 months and not more than 36 months immediately preceding the application to upgrade, and at a minimum of three venues.

19.4.3.1. Applications for upgrading to International must be justified to the MSA by a race organising Club. Applicants must have National 'A' Clerk of the Course status with extensive experience and may be required to attend an Appointments Panel.

Sprint or Hill Climb Clerk of the Course

20.1. For Sprints or Hill Climbs, the Clerk of the Course must hold a Licence issued by the MSA and valid for the particular grade of meeting.

20.1.1. At all National A and higher status events, there should be at least one, but not more than two, licensed Deputy/Assistant Clerks of the Course, in addition to the Clerk of the Course.

20.1.2. At all other events it is recommended that there should be at least one, but not more than two, Deputy/Assistant Clerks of the Course in addition to the Clerk of the Course.

Officiating Capacity

20.2. International: Only an International Clerk of the Course can take charge of an FIA Championship event. Their name must be submitted by the race organising Club and will be considered by the MSA on an individual basis.

Upgrading

20.3.1. Probationary to National B: Applicants must follow the Clerk of the Course modular training programme.

20.3.2. National B to National A: Applicants must have received signatures from an MSA Steward at a minimum of four Hill Climbs or Sprints, of which at least two must have been National B, at which they have officiated satisfactorily as Clerk of the Course, plus a minimum of two National A Hill Climbs or Sprints at which they have been Deputy/Assistant Clerk of the Course. All signatures must have been obtained over a period of not less than 12 months and not more than 36 months immediately preceding the application to

upgrade and at a minimum of two venues. In addition they must have attended at least one MSA Clerk of the Course seminar during the upgrading period.

20.3.3. National A to International: Applications for upgrading to International must be justified to the MSA by an organising Club and applicants may be required to attend an Appointments Panel. Applications will only be accepted from National A Clerks of the Course with extensive experience.

Rallycross Clerk of the Course

21.1. In the case of all Rallycross events, the Clerk of the Course must hold a Clerk of the Course Licence issued by the MSA and valid for the particular grade of meeting.

Officiating Capacity

21.2. As detailed above, with the exception to the following:

21.2.1. International B: Rallycross Clerks of the Course may officiate at all categories of Rallycross events, other than those listed for International A, and as Deputy/Assistant to an International A Clerk of the Course

21.2.2. International A: Only an International A Rallycross Clerk of the Course may take charge of the Rallycross Grand Prix. Applications for an International A Rallycross Clerk of the Course to take charge at an FIA Rallycross Championship event must be submitted by the organising Club and will be considered by the MSA on an individual basis.

Upgrading

21.3.1. Probationary to National: An applicant wishing to upgrade to National B must follow the Clerk of the Course modular training programme.

21.3.2. National B to National A: Applicants must have received signatures from an MSA Steward at a minimum of two National B Rallycross meetings at which they have officiated satisfactorily as Clerk of the Course, and from one National A Rallycross event at which they have officiated as Deputy Clerk of the Course. All signatures must have been obtained over a period of not less than 12 months and not more than 36 months immediately preceding the application to upgrade and at a minimum of two venues. In addition they must have attended at least one MSA Clerk of the Course seminar during the upgrading period.

21.3.3. National A to International B: Applicants must have received signatures from an MSA Steward at a minimum of two National A Rallycross meetings at which they have officiated satisfactorily as Clerk of the Course, and have acted as Deputy Clerk of the Course at two International A Rallycross meetings over a period of 36 months at a minimum of three venues. An application for upgrading to International must be justified to the MSA by an organising Club and applicants may be required to attend an Appointments Panel.

21.3.4. International B to International A: Applications for upgrading to International A must be from International B Clerks of the Course with extensive experience of Rallycross, and they must be approved by an Appointments Panel.

Cross Country Clerk of the Course

22.1. The Clerk of the Course for a Competitive Safari, Hill Rally or Baja of National A status or above must hold a valid CoC Licence issued by the MSA valid for that grade of meeting.

Officiating Capacity

22.2. As detailed above, with the following exceptions:

22.2.1. National A: May act as Clerk of the Course at Competitive Safaris or Hill Rallies up to and including National A

22.2.2. International: May act as Clerk of the Course at all categories of Competitive Safari, Hill Rally or Baja.

First time applications – Probationary

22.3. Only Clubs that organise Competitive Safaris and/or Hill Rallies may submit a nomination for a Probationary Licence. An applicant's previous motor sporting experience will be taken into account.

Upgrading

22.4.1. Upgrading to National A: Applicants must produce signatures on their Licences from a Clerk of the Course showing that they have officiated satisfactorily as an Assistant Clerk of the Course at a minimum of one National A event within the preceding 12 months. Applicants must also be nominated by their Club Committee and must have attended at least one MSA Clerk of the Course seminar during upgrading period.

22.4.2. Upgrading to International: An application for upgrading to International must be justified to the MSA by an organising Club. Applications will only be accepted from National A Clerks of the Course with extensive experience, who may be required to appear before an Appointments Panel.

Kart Clerk of the Course

23.1. In the case of all Kart events, the Clerk of the Course must hold a Clerk of the Course Licence issued by the MSA and valid for the particular grade of meeting.

23.1.1. The maximum number of Clerks of the Course at any Kart meeting shall be two. One Clerk of the Course must be nominated as Senior Clerk of the Course responsible for the overall control of the Meeting.

23.1.2. Where a Championship/Series permanent Clerk of the Course is appointed, they are not included in the above numbers. The maximum number of Deputy/Assistant Clerks of the Course for any Kart meeting shall be two (except at International Meetings).

Officiating Capacity

23.2. As detailed above, with the exception to the following:

23.2.1. Endurance: May act as a Clerk of the Course at Kart Endurance meetings only

23.2.2. International: An application for an International Clerk of the Course to take charge of a CIK-FIA Championship race must be submitted by the organising Club and will be considered by the MSA on an individual basis.

Upgrading

23.3.1. Probationary to National B or Endurance:

Applicants must follow the Clerk of the Course modular training programme.

23.3.2. National B to National A: Applicants must have received signatures from an MSA Steward for acting satisfactorily as a Clerk of the Course at six National B Kart meetings, and must have acted as Deputy Clerk of the Course at three National A Kart meetings. All signatures must have been obtained over a period of not less than 12 months and not more than 36 months immediately preceding the application to upgrade and at a minimum of two venues. In addition they must have attended at least one MSA Clerk of the Course seminar during the upgrading period. The signatures must be obtained in not less than twelve and not more than thirty-six months.

23.3.3. National A to International: Applicants must have been National A Kart Clerks of the Course for a minimum of three years, and have received signatures from an MSA Steward for acting satisfactorily as a Clerk of the Course at six National A Kart meetings and as Deputy Clerk of the Course at two International Kart meetings. All signatures must have been obtained over a period of not less than 12 months and not more than 36 months immediately preceding the application to upgrade and at a minimum of three venues. In addition they must have attended at least one MSA Clerk of the Course seminar during the upgrading period. An application for upgrading to International must be justified to the MSA by an organising Club and applicants may be required to attend an Appointments Panel.

Stage Rally Clerk of the Course

24.1. All Special Stage Rally Clerks of the Course are expected to attend at least two out of three consecutive MSA Clerk of the Course seminars for which they are eligible.

24.1.1. The MSA may require applicants to take part in a written or oral examination before the upgrading of any Licence.

24.1.2. All names on the Clerk of the Course list will be reviewed annually and may be re-graded.

24.1.3. Only Clubs who organise Special Stage Rallies may submit a nomination for a probationary licence. An applicant's previous motor sporting experience will be taken into account.

Officiating Capacity

24.2. As detailed above, with the following exceptions:

24.2.1. National A: May act as Clerk of the Course at Special Stage Rallies up to and including National A

24.2.2. International: May act as Clerk of the Course at all categories of Special Stage Rally.

Upgrading

24.3.1. Probationary to National B: An applicant wishing to upgrade to National B must follow the Clerk of the Course modular training programme.

24.3.2. National B to National A: Applicants must produce signatures on their Licences from a Clerk of the Course showing that they have officiated as Assistant Clerk of the Course at a minimum of one National A event within the preceding 12 months. Applicant must also be nominated by their Club Committee and have attended at least one MSA Clerk of the Course seminar during the upgrading period.

24.3.3. National A to International: An application for upgrading to International must be justified to the MSA

by an organising Club. Applications will only be accepted from National A CofCs with extensive experience, who may be required to appear before an appointments panel.

Forestry Liaison Officers

25.1. The MSA has appointed Forestry Liaison Officers (FLOs) to each Forest Enterprise District in England and Wales and to the Regions in Scotland to provide a liaison between Organising Clubs, the MSA and Forest Enterprise.

25.1.1. The FLOs and the areas for which they are responsible are listed in the Appendices.

25.1.2. The detailed Regulations regarding the arrangements for the authorisation of events seeking use of the Enterprise's land are available from the MSA.

25.1.3. However, it is important that Clubs who are seeking usages DO NOT contact the Forest Enterprise direct, but channel their enquiries through the appropriate FLO who will give guidance as to likely availability and specific problems on the use of particular forests.

Route Liaison Officers

26.1. Integral with the MSA's authorisation of motor rallies under the Motor Vehicles (Competitions and Trials) Regulations are responsibilities to consider the extent to which the holding of an event might prejudicially affect the safety, amenity and confidence of members of the public.

26.1.1. This responsibility is one that the MSA takes seriously. It is accountable not only to the Department for Transport and the Minister responsible for the enforcement of the Regulations, but also to members of the public who may be affected by the event and feel it necessary to voice their objections, either directly to us, or via the Police, local Councils or their MP.

26.1.2. For this reason the MSA appoints a Route Liaison Officer (RLO) to each of the County Police Authorities.

26.1.3. These Liaison Officers undertake duties on behalf of the Competition Authorisation Office (CAO) and must be considered as "Officials of the MSA".

26.1.4. It is important that they are seen to act impartially with all Clubs.

26.1.5. The RLO's and the areas for which they are responsible are listed in the Appendices.

Radio Co-ordinators

MSA Safety and Medical Frequency

27.1. The MSA appoints Radio Co-ordinators for assistance in the administration of the MSA Safety and Medical Frequency.

27.1.1. These Co-ordinators hold lists of approved Radio Controllers in their respective areas.

27.1.2. Details of the radio procedure to be used for this frequency are available from the MSA. Motor Clubs may consult with these Co-ordinators over operational procedures, administrative matters and the organising of specific training days.

Radio Controller Probationary

Qualification

27.2. Applicants must be 18 years of age and over, MSA registered Rally Marshals at a minimum of Rally Senior Marshal level and have attended:

27.2.1. For Single Venue grade: at least five Single Venue Rallies as a radio operator.

or

27.2.2. For Multi-Venue grade: at least 10 Rallies (of which a minimum of five must have been Multi-Venue events) as a radio operator.

Training Period and Requirements

27.3. Applicants must:

27.3.1. Liaise with an MSA Radio Co-ordinator regarding initial training requirements.

27.3.2. Hold a Probationary Controller Licence.

27.3.3. Collect signatures from active Licensed MSA Radio Controllers and event Clerks of the Course, as validation of undertaking the following duties (one set of signatures is required per event):

- a) Sitting in control during three events.
- b) Assisting in controlling three events.
- c) Being involved in the pre-event organisation of three events.

27.3.4. Attend at least one out of three consecutive MSA Seminars to which they are invited.

27.3.5. Complete all the required tasks referred to in the Trainee MSA Safety & Medical Communications Controllers Log Book. This Modular Training Programme must be completed in not less than 12 months and not more than 36 months from date of appointment as Probationary.

Upgrading

27.4. For applicants upgrading to a Multi-Venue Radio Controllers Licence, 27.3.3 a), b) and c) above must be completed at Multi-Venue Rallies.

Radio Controller

Qualification

27.5. Applications may be received from Probationary Radio Controllers who have satisfied the requirements of 3. above. Applications must be accompanied by a letter of endorsement from an MSA Radio Co-ordinator.

Maintenance Criteria

27.6. In order to maintain their grade, Controllers should:

27.6.1. Apply annually to re-Licence providing evidence as below.

27.6.2. Attend at least one out of three consecutive MSA Specialist Seminars to which they are invited.

27.6.3. Gain a minimum of three signatures from Clerks of the Course annually to verify continued activity as a Controller. Alternatively, under exceptional extenuating circumstances, gain an MSA Radio Co-ordinators signature to support re-licensing.

27.6.4. Failure to produce evidence of the maintenance may result in a review of the grade issued.

Technical Officials

Appointments (7)

28.1. The Technical Group comprises Scrutineers (both Car and Kart) and Technical Commissioners. (See Chart 28 at the end of this section.)

28.1.1. All members of the Technical Group are licensed annually by the MSA.

28.1.2. Because of technological advances in materials and design and the rapid evolution and complexity of technical regulations, licensing will also relate to the various categories shown.

28.1.3. The objective is to provide a better match of the experience and qualifications of the Officials to the task required of them, as well as assisting Clubs in contacting the people most suitable for their events.

28.1.4. In order that Scrutineers and Technical Commissioners meet the ever-increasing demands of Motor Sport, it is clearly essential that standards be safeguarded. To this end Chief Scrutineers are required to monitor attendance and performance of Scrutineering personnel at their events.

28.1.5. Maintenance and upgrading details for all Scrutineer grades, and details of the requirements for grade maintenance and upgrading, are available from the Technical Department at the MSA.

Trainee Scrutineers

28.2.1. Trainee Scrutineers are a most important Group since they provide the senior Officials of the future.

28.2.2. Their potential, enthusiasm and commitment is comprehensively assessed before they are appointed as Scrutineers.

28.2.3. Though not listed in this Yearbook (nor eligible for expenses), they are registered with the MSA who would urge Clubs to actively recruit suitable candidates and provide 'on-the-job' training and experience through their Chief Scrutineers.

28.2.4. Conversely, Trainee Scrutineers should seek tutors and mentors to help them progress.

Qualification

28.3. The organisation chart at the end of this section indicates the age, experience and qualifications required for each Group.

28.3.1. The minimum time may be reduced dependent upon number of events attended, and the qualifications, suitability and aptitude of the individual.

28.3.2. It is not intended that the system affects existing Scrutineers, where many years of experience have proved invaluable, other than in the prudent application of maximum ages commensurate with the task required and allowing younger people to take on more responsibilities. Members of this Group, following the conclusion of their active service, may be invited to become 'Officiel d'Honneur'.

28.3.3. They will be entitled to various privileges and it is expected that their advice will be called upon to make optimum use of their wealth of experience.

Training

28.4. The MSA has established formal training schemes for those wishing to become Licensed Technical Officials (including Environmental Scrutineers).

28.4.1. Prospective trainees (who must be over 16), and

(G) Officials

Licensed Technical Officials wishing to become Eligibility Scrutineers, should contact the Technical Department at the MSA who will identify the most suitable contact to provide one-to-one training and instruction and make the arrangements for the following twelve months' training period.

28.4.2. It is a requirement that all Scrutineers attend two out of three annual Seminars to maintain their appointment.

28.4.3. All Appointments are reviewed annually by the MSA.

28.4.4. The MSA may reduce the minimum requirements dependent upon the number of meetings attended, qualifications, suitability, aptitude and geographical location.

28.4.5. If a Scrutineer does not undertake the duties associated with their grade or fails to maintain the required standard, they may not necessarily be reappointed to the same grade the following year.

28.4.6. For Kart Scrutineers requiring signatures for Chief Scrutineer status, signatures must be provided by the MSA Steward of the meeting.

Upgrading and Maintenance

28.5. Candidates for Scrutineer grade will be appointed from Trainee Scrutineers.

28.5.1. Candidates will be required to submit to the MSA with their application completed training modules and a CV, and letters of recommendation from Licensed Scrutineers including a Chief Scrutineer.

28.5.2. The outline requirements for further upgrading are shown in the Organisation Chart at the end of this section; full details are available from the MSA.

28.5.3. At every stage of the upgrading process, an important requirement will be the recommendations of at least two Scrutineers (one of whom must be a Chief Scrutineer) who will have been building up data on attendances, performance, potential, commitment, preferences and suitability for the various categories.

28.5.4. All appointments are reviewed annually.

28.5.5. It is a requirement that all Scrutineers attend two out of three annual Seminars to maintain their appointment.

28.6.

28.6.1. Trainee Scrutineer to Scrutineer

Applications must be 18 or over and their application must include the following:

- a) Attendance at an annual MSA Technical seminar
- b) A letter of recommendation to upgrade from their mentor/trainer
- c) Completion of training modules one and two.

28.6.2. Scrutineer to National Scrutineer

- a) Applications for upgrading must be made in writing directly to the MSA Technical Department.
- b) Applicants must have acted as Scrutineer at a minimum of twenty meetings and held a full Scrutineer licence for a minimum of 24 months.
- c) The relevant training module booklet must be completed.
- d) Applicants must be assessed in person at two events by two different Assessor Scrutineers appointed by the MSA Technical Department.

28.6.4. International Scrutineer/Environmental Inspector/Technical Commissioner/Assessor Scrutineer

These grades are by appointment of the MSA Appointments Panel only. Applications for these grades should be submitted in the first instance to the Technical Department at the MSA.

28.7. The total costs for the provision of Technical Officials is a matter for negotiation and prior agreement between the Organising Club and the Chief Scrutineer or Official in charge of the technical team.

For guidance only, the Technical Advisory Panel has recommended a maximum daily expense rate of £40 and 45 pence per mile for travel.

Officials are reminded of their obligation to disclose fees earned from motor sports activities to the HMRC and to account for tax where necessary. Advice on any potential tax liabilities should be available from their local tax office. The specific reimbursement of actual costs should not create a tax liability and individuals falling solely within this category and not receiving any fees need not report them on their annual tax return.

Timekeepers

Appointments (6)

29.1. Timekeepers are appointed and licensed annually by the MSA, and are subdivided into groups according to their specialisation, ability and experience.

29.1.1. Timekeepers must be of a suitable age and physically capable of meeting the requirements of their grade.

29.1.2. The MSA reserves the right to revoke an appointment at any time. (Please see Chart 29.)

29.2. Initial application for appointment should be made on the Officials' Licence Application Form available from the MSA, accompanied where appropriate by a recommendation from the Club or Timekeeper for whom the applicant has carried out duties.

29.2.1. Except for Trainees, a fee is payable for the annual appointment and includes the cost of this Year Book containing the Motor Sport Regulations.

29.2.2. Newly appointed Timekeepers will be required to commence at an Assistant or Trainee grade, but a higher grade appointment may be given to suitably qualified applicants at the discretion of the Timekeeper Training Panel.

Requisite Qualifications

29.3. Timekeepers, Handicappers and Technical Officials are appointed and licensed annually by the MSA and are subject to an annual review of their ability, experience and record of active participation.

29.3.1. The MSA reserves the right to revoke an appointment at any time.

29.3.2. Timekeepers should have no connection with any particular trader's or manufacturer's business that might benefit in a direct or indirect way from the result of the Competition.

Training

29.4. For persons with no previous experience or recommendation, their application should be forwarded to the MSA who will arrange with the Timekeeper Training Panel to organise a training programme with a suitable mentor in their chosen specialisation. Each trainee will be provided with a Timekeeper Training Log Book.

Upgrading

29.5. Subject to prior arrangement with the Chief Timekeeper of an event, new Timekeepers are encouraged to attend, observe and assist at all types of event with a view to eventual upgrading.

29.5.1. Specific upgrading requirements are available from the MSA.

29.5.3. Application for the grade of Rally Timekeeper must be made via the Regional Association of the Club requesting the appointment.

Licence Grades

29.6. Race

29.6.1. International Race: may take charge at all race events.

29.6.2. National Race: may take charge of all race events up to and including National A.

29.6.3. Timekeeper Race: under the direction of the Chief Timekeeper, may carry out the duties required to time the passage of Competitors at race events.

29.7. Kart

29.7.1. Timekeeper Kart: may take charge at all Kart race events up to and including National B.

29.7.2. Timekeeper Kart National: may take charge at all Kart race events up to and including National A.

29.8. Speed

29.8.1. International Speed: may take charge at all Speed events and World Record attempts.

29.8.2. National Speed: may take charge at all Speed events up to and including National A and National record attempts.

29.8.3. Timekeeper Speed: may take charge at Clubman Speed events.

29.9. Rally

29.9.1. International Rally: may take charge at all Rallies up to and including International.

29.9.2. National Rally: may take charge at all Rallies up to and including National A.

29.9.3. Rally Timekeeper (29.5.3): may take charge at all Rallies up to and including National B (Manual timing only).

Assistant/Trainee

29.10. Assistants shall be competent in at least one recognised timekeeping function. Trainees are in training to become Timekeepers.

Handicapper

29.11. A Handicapper is a person licensed by the MSA responsible for the assessment of handicaps to be applied to a Competition.

Timing Equipment – Classification and Certification

29.12.1. It is mandatory for all timing equipment used to establish and publish times at MSA Permit events to be of a type which has a current MSA Certificate of Approval for Use, and to be tested and certified in accordance with Chart 29.12, shown at the end of this section.

29.12.2. Detailed specifications for all classes of approved equipment are available from the MSA or any member of the MSA Equipment Test Panel, with whom new purchasers or builders of equipment are advised to make contact. Specifications detailing the use of laser equipment are also available from the MSA (6.6.2).

29.12.3. To obtain an MSA Certificate of Approval for Use and Certificate of Accuracy, equipment must be submitted for test to any member of the MSA Test Panel, in a complete form and as normally used, including any remote operating devices.

29.12.4. MSA Certificates of Accuracy will only be issued to custodians of equipment, irrespective of ownership.

29.12.5. The MSA Test Panel for class E/A, E, E/B, E/C, F and R equipment is.

All disciplines:

- T. H. Saunders, 48 Broadlands Drive, Malvern, Worcs WR14 1PW. Tel: (h) 01684 561966; (m) 07973 827698.

Rally and E/B only:

- R. Smith, Turner Timing, Unit 10/11, Halliwell Business Park, Rossini Street, Bolton BL1 8DL. Tel: 07584 936415. Email: russ@turnertiming.co.uk

Timekeeping Officials' Expenses

29.13. The total costs for the provision of timekeeping services is a matter for negotiation and prior agreement between the Organising Club and the Chief Timekeeper or Official in charge of the timekeeping team. For guidance only, the Timekeeping Advisory Panel has recommended a maximum daily expense rate of £40 and 45 pence a mile for travel. Officials are reminded of their obligation to disclose fees earned from motor sports activities to the Inland Revenue and to account for tax where necessary.

Advice on any potential tax liabilities should be available from their local tax office. The specific reimbursement of actual costs should not create a tax liability and individuals falling solely within this category and not receiving any fees need not report them on their annual tax return.

Marshals' and Officials' Training

30.1. Each year the MSA organises around 100 training days targeted at its range of licensed and volunteer Officials which in total attract over 5,000 participants. In addition, other specialist training is undertaken according to need at National, Regional and local level.

30.1.1. Training policy is co-ordinated by the MSA with Annual Seminars led by senior MSA staff and delivered by a team of National and International Clerks of the Course and Stewards.

30.1.2. Specialist training days are delivered by MSA staff and Specialist Committee members.

30.1.3. A network of over 100 MSA Training Instructors – all trained to a common standard by the MSA – delivers the majority of Marshal Training Days.

Training Day Organisation

30.2. Clubs or Associations intending to run training days are advised to make contact with the MSA for advice and guidance. Training which conforms to certain MSA criteria may qualify for grant aid assistance.

National Marshals Register

30.3. The MSA administers a National Marshals Register, from basic entry level through defined upgrading pathways to senior Official. Details of the scheme rules are circulated to all those registered and are available on request from the MSA.

Stewards

31.1. Stewards of a Meeting must not in any way be responsible for its organisation and must not have any executive duty in connection with the meeting.

31.1.1. In the discharge of their duties they must not incur any responsibility except to the MSA.

31.1.2. In a meeting comprising several events there may be different Stewards of the Meeting for each event.

31.1.3. When the MSA has appointed one or more of the Stewards of the Meeting, the Steward appointed as the Senior Steward will act as Chairman of the Stewards of the Meeting.

Training

31.2. Training will include an initial interview by an Appointments Panel followed by a modular training programme under the supervision of experienced MSA Stewards covering issues across a range of motor sport disciplines.

31.2.1. Upon satisfactory completion of the training programme, appointment as an MSA Steward is made on a probationary basis for the ensuing year.

31.2.2. During this time an experienced MSA Steward will be available to mentor the probationer at events and provide appropriate feedback.

31.2.3. Subject to receipt of satisfactory reports, the probationer is then appointed to events in their own right as an MSA Steward.

31.3. MSA Stewards are required to attend at least two out of three consecutive MSA Stewards seminars for which they are eligible to maintain their status.

Emergency and Medical Officials

For specific requirements for units and equipment please refer to Section F.

Eligible Paramedics

32.1. Eligible Paramedics may be used as detailed in the Specific Regulations.

32.1.1. A Paramedic (registered with the Health

Professions Council – HPC) attending a motor sport meeting as a result of a commercial contract between the meeting organisers and the Paramedics employers, will be considered as being an MSA-registered Paramedic for the duration of that specific meeting.

32.1.2. To be MSA registered applicants must be currently in possession of a valid licence to practice and of adequate valid medical malpractice insurance.

32.1.3. Anyone who ceases to be in possession of a valid licence to practice will be removed from the register.

32.1.4. Paramedics must 'sign-on' and, where appropriate (F.7.3.1), produce their MSA Paramedic Registration card at any event at which they are officiating.

32.1.5. Paramedics shall remain under the control of the Clerk of the Course at all times.

32.1.6. An MSA accident form must be completed for each incident treated.

Doctors

32.2. Doctors must be aware that they are expected to provide themselves with such equipment as they deem necessary for the proper performance of their duties.

32.2.1. It is recommended that Doctors wear overalls for protection which should be readily identifiable in colour (preferably red).

32.2.2. The back of the overalls (or any tabard) should be labelled with the word 'Doctor'.

32.2.3. Details of equipment required and duties of medical personnel are given in Section F.

32.3. To be MSA registered, applicants must be currently registered with the General Medical Council (GMC) and in possession of adequate valid malpractice insurance.

32.3.1. A anyone who ceases to be GMC-registered will be removed from the register.

32.3.2. Doctors must 'sign-on' and where appropriate produce their MSA Doctor Registration card at any event at which they are officiating. They shall remain under the control of the Clerk of the Course at all times.

Professional Indemnity Insurance Registered Paramedics

33.1. Professional indemnity insurance is required by the above. Within the range of MSA-arranged insurances, medical malpractice insurance is now provided for volunteer Paramedics (registered with the Health Professions Council) attending MSA authorised events. This cover does not extend to any other category of medical personnel. It does not cover those Paramedics or medical assistants attending MSA-authorised events as a result of a commercial contract between their employers and the meeting organisers, promoters or venue owners or operators, where the minimum level of required indemnification is £2,000,000 (Samaritan cover is not adequate). Please forward to the MSA a copy of your insurance certificate in this instance, on application.

Appendix 1: Officials' Licences – Tables, Charts and Diagrams
**18: CHART OF MINIMUM ACCEPTABLE
CLERK OF THE COURSE LICENCE REQUIRED**

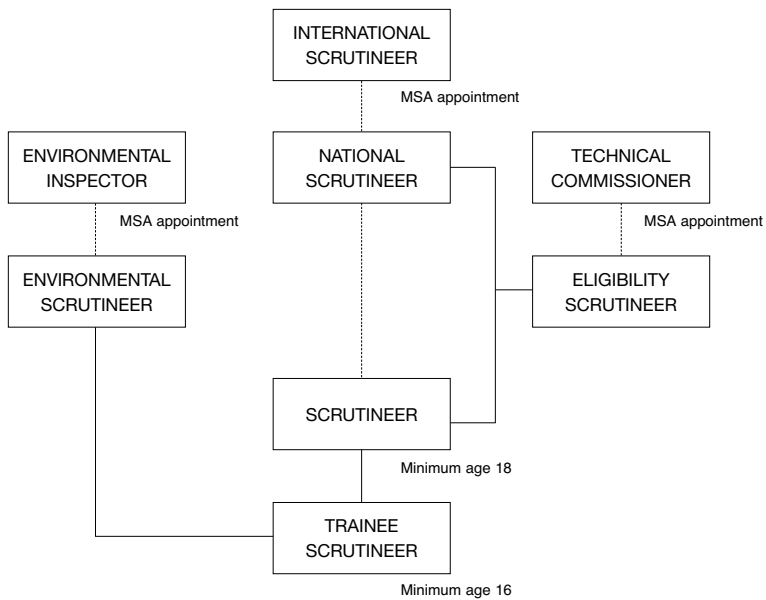
MOTOR SPORT DISCIPLINE	E V E N T S T A T U S			
	CLUBMAN	NATIONAL B	NATIONAL A	INTERNATIONAL
SAFARI HILL RALLY	None	None	CROSS COUNTRY National A or International	CROSS COUNTRY International
HILL CLIMB SPRINTS DRAG	SPEED National B, National A or International	SPEED National B, National A or International	SPEED National A or International	SPEED International
RALLYCROSS	RALLYCROSS National B, National A or International	RALLYCROSS National B, National A or International	RALLYCROSS National A or International	RALLYCROSS International (1)
STAGE RALLY	STAGE RALLY National B	STAGE RALLY National B	STAGE RALLY National A or International	STAGE RALLY International
RACE	RACE National B, National A, International B or International A	RACE National B, National A, International B or International A	RACE National A, International B or International A	RACE International B or International A (2)
KART	KART National B, National A or International	KART National B, National A or International	KART National A or International	KART International
KART ENDURANCE	Endurance (3)	KART Endurance (3)		

(1) A RALLYCROSS International B CoF can act as Clerk of the Course at all categories of Rallycross, other than those listed for International A. Only an International A Rallycross Clerk of the Course may take charge of the Rallycross Grand Prix or FIA Rallycross Championship.

(2) A RACE International B Clerk of the Course may act as Clerk of the Course for all categories of race meeting other than those listed for International A. Only a RACE International A Clerk of the Course may take charge of a British Championship or FIA Championship Race.

(3) Only a KART Endurance Clerk may take charge of a Kart Endurance event.

28: CHART OF TECHNICAL OFFICIALS



29.12: CHART OF TIMING EQUIPMENT CLASSIFICATION

Timing Equipment is classified as follows:

<i>Equipment class</i>	<i>Description</i>	<i>Suitable for</i>	<i>Certifying laboratory</i>
G/A	Vehicular actuated apparatus incorporating print-out. Issue times to 0.001 sec.	Race only	National observatory or NAMAS certified laboratory
G/A D/A	Vehicular actuated apparatus incorporating print-out. Issue times to 0.01 sec.	Any Event	As G/A
D	Vehicular actuated digital display. Issue times to 0.01 sec.	International speed events	As G/A
E/A	Vehicular actuated apparatus incorporating print-out. Issue times to 0.01 sec.	All except FIA events	MSA
E/A (10)	Vehicular actuated apparatus incorporating print-out. Issue times to 0.01 sec.	All below National 'A'	MSA
E/A (10 K)	Transponder actuated apparatus. Issue times to 0.01 sec.	Short Circuit Karting	MSA
E	Vehicular actuated digital display. Issue times to 0.01 sec.	National 'A' speed events	MSA
E/B *	Apparatus with multi-memory split and digital display. Issue times to 0.1 sec.	National 'A' events	MSA
E/C	Apparatus with split time function. Issue times to 0.1 sec.	Clubman speed events	MSA
F	Vehicular actuated apparatus. Issue times to 0.1 sec.	Clubman speed events	MSA
R	Time of day with split Issue times to 1 sec.	Rally timing	MSA
R (O/I)	Time of day with split Issue times to 0.1 sec.	Rally timing	MSA

* Some class E/B timers incorporate facilities to ensure that only those times coincident with the start of vehicle actuation are recorded to 0.01 sec. These may be used in conjunction with a class E/A printing clock to produce short interval times to 0.01 sec accuracy (Latching System). The time interval is not to exceed 5 mins and in the event of any difference or dispute the E/A time is to be issued as the true time.

29: MSA TIMEKEEPER GRADING STRUCTURE

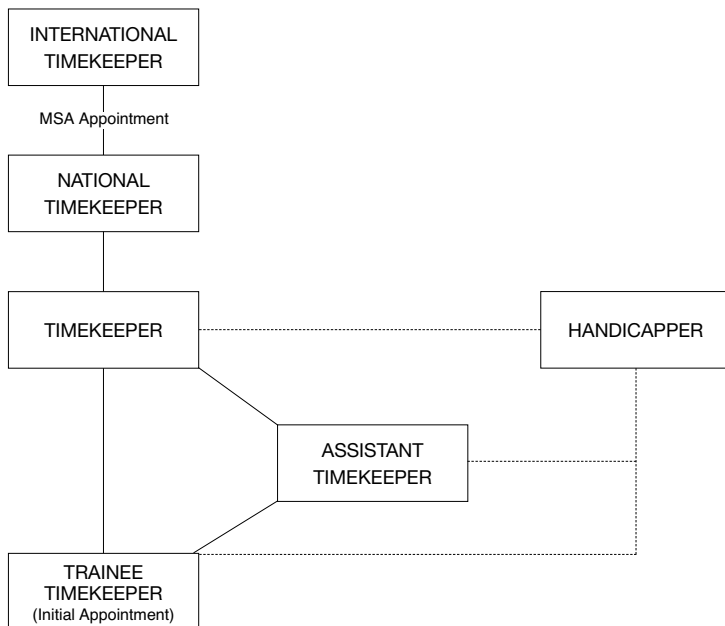


Table number 6

Event Status	Race	Kart	Speed incl. Records	Stage Rally
International	International Race		International Speed	International Rally
National 'A'	National Race Timekeeper	Timekeeper Kart National	National Speed Timekeeper	National Rally Timekeeper
National 'B'	National Race Timekeeper	Timekeeper Kart	National Speed Timekeeper	*National Rally Timekeeper
Clubman	National Race Timekeeper	Timekeeper Kart	Timekeeper Speed	*National Rally Timekeeper

* Includes Timekeepers proposed by Regional Associations and approved by the MSA but only when manual timing is used. When automatic timing is used minimum grade is National Rally with Certificate of Competence from timing equipment manufacturer.

Common Regulations for

Competitors: Licences

Page

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127	Medical Declarations and Records
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General

Competitors in all events must comply with the Regulations in this Section, and in addition with the Specific Regulations for the individual type of event.

Liabilities (33)

1.1. All persons connected with the event, whether by taking part in it or acting in an official capacity, shall be deemed to be bound by the General Regulations and the Supplementary Regulations, and must comply with the Law in relation to motor vehicles.

1.2. Any breach of these or other valid Regulations appertaining to the event shall, whether or not a penalty

is specified, be subject to any or all of the penalties specified in these Regulations (C.2.1).

1.3. An Entrant shall bear the prime responsibility for the compliance with the Regulations by all persons connected with an entry. If an Entrant is not present at an event in person, his nominated driver, or if there is more than one driver, the first nominated driver, shall be deemed to be his agent and shall bear all the duties and responsibilities of the Entrant. (In addition please note the requirements of S.7.1.7 and U.14.1.5.)

1.4. Any misdemeanour of a driver acting as an agent shall not absolve the Entrant from responsibility and both driver and Entrant shall be liable to penalty.

1.5. Any driver who is not acting as an Entrant's agent or any other person carried in or assisting with a competing car during an event shall not be absolved from his own responsibility under the relevant Regulations because of the responsibilities assumed by the Entrant or his agent.

1.6. Any person in possession of an official badge or other means of identification issued by the organiser shall be deemed to be assisting the Entrant to which the means of identification concerned has been issued.

1.7. These Regulations and any of the Appendices thereto may be amended or added to by means of announcements published in an official MSA Bulletin.

1.8. No interpretation or clarification of any Regulation will be valid unless in writing or in an official document and will only be valid during the current year (A.2.2).

Introduction

2.1. The Motor Sports Association (MSA) has been empowered by the Federation Internationale De L'Automobile (FIA) to register and licence British citizens wishing to compete nationally under the MSA's Motor Sports Regulations and/or internationally under the FIA's International Sporting Code. Under certain circumstances citizens of other countries may also apply for registration. Registration will be effected by the issue of a Competition Licence of a type applicable to the motor sports discipline and the status, National or International, in which the applicant wishes to compete. Subject to certain conditions a status of licence may be upgraded at any time during the year.

Registration shall expire at the end of the year shown on the Competition Licence. Any person from 6 years of age wishing to register must complete a Competition Licence application form. All applicants will be required to complete a medical self declaration. Applicants applying for a Car, Truck, Kart (not Kart Clubman) Racing, and all International grades of licence will be required to pass a medical examination (10). The following regulations contain all terms and conditions of registration and licence issue.

Competitor Registration

3.1.1. Registration will be effected by the issuing of a Competition Licence by the MSA. Such issue shall be conditional upon the applicant's credentials satisfying

Note: Throughout these sections an asterisk (*) indicates a requirement for additional information to be printed in the Supplementary Regulations (SRs).

Text shown in italics indicates a Regulation which may be amended in the SRs.

(H) Competitors: Licences

the MSA. At all times the MSA reserves the right to refuse to issue a Competition Licence. The reason(s) for any such refusal shall be stated.

3.1.2. Any Competition Licence issued will remain the property of the MSA which reserves the right to withdraw or suspend at any time. The reason(s) for any such withdrawal or suspension shall be stated.

3.1.3. A Competition Licence granted by the MSA does not constitute a certificate of the competency of the holder.

3.1.4. Competition Licence – Period and Validity

- Unless otherwise rendered invalid, all licences, for the purposes of acquaintance and submission to these rules, run from the 1st January to the end of the calendar year shown on the licence.
- To be valid, a Competition Licence must be signed in ink and, except for an Entrant's Licence issued in the name of a firm or organisation, must bear a passport type photograph of the holder, being a current likeness.

Competition Licence – Types

3.2. The types of licence available are Race, Kart, Speed, Off-Road, Drag, Stage Rally, Cross Country, Non-Race and Entrant.

Competition Licence – Grades

3.3. The grade of licences available are (highest first) International, National 'A', National 'B', and Clubman.

Assumed Name

4. If registration and a licence is requested under an assumed name or a pseudonym, special application should be made at the time of applying for registration. The MSA may, if it thinks fit, issue a licence in such a name. Any assumed name must not be likely to deceive or offend. A person granted a licence in an assumed name shall not take part in any competition except under the name shown on such licence.

Address and Nationality

5. The MSA shall be entitled to register and issue licences to:

- A British citizen, including a citizen of any part of the territory of the MSA.
- A citizen of any other country represented on the FIA providing they can provide proof to their parent ASN that they are permanently resident within the UK and that their ASN has given its prior permission and has recovered any licence originally issued. ASN authorisation is required for each licensing year.

Acts Prejudicial to Motor Sport

6. A competition licence holder who does anything to bring motor sport into disrepute or commits an act prejudicial to the interest of motor sport generally may face disciplinary action (C.1.1.4).

Minimum Ages

7. In all cases where the applicant is under 18 years of age it is necessary that the application is countersigned by the Parent or Guardian. Proof of guardianship may be required.

- Please refer to Chart 7 Appendix 1 after this section to assess eligibility.

7.1. A Competitor shall not take time off school to participate in motorsport without the prior written approval of their school.

How to Apply for a Competition Licence

8.1. With the exception of first time applicants for a Race, Kart or Stage Rally licence all applicants should read these notes and complete an Application for Competition Licence Form provided by the MSA. Any changes to the wording on the official form will make it null and void. After having completed all the relevant sections of the application form, an applicant must send it, with the appropriate fee and a passport type photograph to the MSA. The MSA will use its best endeavours to process and deliver the licence to the applicant within 15 working days of receipt of the application by the MSA. Processing may take longer if we have to check the applicant's health. Therefore, you are recommended to allow for this time before the first event for which the licence is required. Applicants with no health or other problems appertaining to their application may, on payment of an Express Handling Fee, apply for priority handling and the MSA will issue their licences within 3 working days. For applicants paying the additional Express Handling fee arrangements may be made, upon request, to confirm to organisers that they are a licence holder, this will usually include the waiver of the non-production of a licence fee (22.1). To speed the process please clearly mark the envelope 'EXPRESS' and this should preferably be sent by Recorded Delivery.

If an applicant doesn't receive the licence, after allowing for the processing and delivery time, the MSA should be notified in writing. If the notice is received by the MSA within 6 weeks of despatch of the licence by the MSA, it will issue a duplicate.

After 6 weeks have elapsed, the normal duplicate licence charge will be levied in accordance with Part 3, Appendix 1.

Race Licences

8.2.1. A competitor making an application for the first time for a Race licence must obtain a novice race driver 'Go Racing Driver Pack', which contains the required application form, from the MSA and then complete an approved course at a school registered with the Association of Racing Drivers' School (ARDS). The procedure to be followed is contained in the 'Pack'.

Competitors who have reached their 14th Birthday may apply for a Race National B Licence to allow them to race only in Junior Race Formulae specifically authorised by the MSA. The Licence application must be endorsed and submitted to the MSA by a Junior Race Championship Organising Club. This Licence will state 'Junior Race Formulae Only' and will be held by the Championship Organising Club(s).

Exemptions from 8.2.1. are as follows:

8.2.2. Anyone who has held a National 'B' Race licence at any time during 2012, 2013 or 2014. Competitors who have not renewed or held a National 'B' licence since 2011 must comply with the requirement for first time applicants detailed above.

8.2.3. *Anyone who can provide proof of having ever held, or entitled to hold, a Race licence of higher status than Restricted or National 'B'. Competitors who have not renewed their licence for five years or more will be required to pass the ARDS written examination.

8.2.4. *Anyone who has held a Competition Licence during 2013 or 2014 and can produce written proof of having been classified as a finisher in at least eight Rallycross, or five Time Attack events during that time and who passes a written examination.

8.2.5. *Anyone who is entitled to an International 'A' or 'B' Kart licence and who passes a written examination.**

8.2.6. *Anyone who, being a foreign national, can produce proof from their ASN that they have the necessary racing experience.

8.2.7. *Anyone, during the year of their 16th birthday, who is entitled to an International 'B' Kart licence, (or is otherwise approved by the MSA) and who passes a written examination. The National 'B' Race licence will be issued to the Race Organising Club. The use of this licence will be restricted to specifically authorised Race Championships and will be held by the Club until the competitor reaches their 16th birthday.**

8.2.8. *A National 'A' Race licence may be applied for by:

- (a) a holder of an International Competition Licence issued by the Auto Cycle Union and providing that proof is produced of competing in International motor cycle racing during the preceding five years
- (b) the holder of a Kart International 'A' or 'B' licence, subject to passing the ARDS written examination.**

*As the written examination is based on the Competitors' Yearbook and other information contained in the 'Go Racing Driver Pack', it is recommended that the pack is purchased in these exemption categories.

** For those applicants who have no competition car driving experience or who do not hold a road driving licence no exemption from the ARDS course is permitted. Proof of competition car driving experience will be required to accompany your application for a Car Racing licence.

Kart Licences

8.3. A competitor making an application for the first time for a Kart (not Kart Clubman) licence must obtain a novice kart driver 'Starting Karting Pack', which contains the required application form, from the MSA and then complete an approved course at a school registered with the Association of Racing Kart School (ARKS). The procedure to be followed is contained in the 'Pack'. Exemptions are as follows:

8.3.1. Anyone who has held a National 'B' Kart licence at any time during 2012, 2013 or 2014. Competitors who have not renewed or held a National 'B' licence since 2011 or earlier must comply with the requirement for first time applicants detailed above.

8.3.2. *Anyone who can provide proof of having ever held, or entitled to hold, a Kart or Race licence of higher status than Restricted or National 'B'. Competitors who have not renewed their licence for 5 years or more will be required to pass the ARKS written examination.

8.3.3. Anyone who can provide proof of having ever held a Kart Clubman licence and can produce written proof of having been classified as a finisher in at least 6 Kart Endurance, or Kart Tyro/Clubman races, held under the jurisdiction of the MSA, during 2012, 2013 or 2014.

- (The 'Starting Karting Pack' is required in this instance and the driver will be required to pass the ARKS written examination.)

8.3.4. Anyone who can provide proof of holding a National Schools Karting Association (NatSKA) National licence during 2013, 2014 or 2015.

8.3.5. *Anyone who can provide proof of holding a Pro-Racer card (as approved by the MSA) and has obtained eight signatures from qualifying races, a minimum of four of which must be outdoor races. (The 'Starting Karting Pack' is required in this instance and the driver will be required to pass the ARKS written examination.)

8.3.6. Anyone who, being a foreign national, can produce proof from their ASN that they have the necessary Karting experience.

8.3.7. A National 'A' Kart licence may be applied for by a holder of a National Competition Licence issued by the Auto Cycle Union providing that proof is produced of competing in National motorcycle racing during the preceding three years. This is also subject to passing the ARKS written examination.

*As the written examination is based on the Yearbook and other information contained in the 'Starting Karting Pack', it is recommended that the pack is purchased in these exemption categories.

Stage Rally Licence

8.4.1. A competitor making an application for the first time for a Stage Rally licence must obtain a novice stage rally 'Go Rallying Pack', which contains the required application form, from the MSA and then complete an approved course at a school registered with the British Association of Rally Schools (BARS). The procedure to be followed is contained in the 'Pack'. Exemptions are as follows:

8.4.2. Anyone who has ever held a Non-Race National 'B' licence or higher, or equivalent, valid for driving on Special Stage Rallies held before 31 December 2001.

8.4.3. Anyone who has ever held a Restricted or National Rally licence.

8.4.4. Anyone who, being a foreign national, can produce proof from their ASN that they have held a licence valid for driving on Special Stage Rallies or Hill Rallies.

8.4.5. The Rally National 'A' Navigator Licence is not valid as a driver's licence at any grade of event.

Medical Declarations and Records

9.1. Medical Declaration – All Applicants

There are certain medical conditions as detailed in 10.1.9, which are incompatible with the practise of motor sports at any status of event. All applicants 18 years of age and over are required to complete an annual medical self declaration as to their medical fitness to compete in motor sports competition. If an applicant has not had a recent medical examination and eyesight test or they do not understand any part of the medical requirements set out hereunder they are

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strongly recommended to have an examination or eye test. At all times any decision as to fitness or unfitness to compete shall ultimately reside entirely with the MSA.

9.2. Access to Records

Access to Medical Reports Act 1988/Access to Personal Files and Medical Reports (Northern Ireland) Order 1991 ("the Acts")/Access to Health Records and Reports Act 1993 (Isle of Man).

Before we can apply for a medical report from a doctor who has cared for you, we need your consent by signing the Declaration in Section 5 of the application. Before doing so, however, you should read this notice carefully, as it sets out your rights under the Acts and the procedures for dealing with reports.

9.2.1. You do not have to give your consent but, if you do, you can say whether you wish to see the report before it is sent to the MSA's Medical Consultant. If you do not give consent, we will be unable to proceed with your application for a Competition Licence.

9.2.2. If you say you wish to see the report, we will write to your doctor and advise you that we have done so, and we will tell your doctor you wish to see the report. You will then have 21 days to contact the doctor about arrangements for you to see the report. Of course, the quicker you act, the quicker your application for a Competition Licence can be considered.

9.2.3. If you say you do not wish to see the report, we do not have to notify you if we apply for one. However, if before such a report is sent to us, you write to the doctor saying you wish to see it, you will then have 21 days to contact the doctor about arrangements for you to see the report.

9.2.4. Whether or not you say you wish to see the report before it is sent to us, the doctor must let you see a copy for up to six months after it is supplied, if you ask.

9.2.5. If you ask the doctor for a copy of the report, he can charge you a reasonable fee to cover his costs.

9.2.6. If you see a report before it is sent to us, the doctor cannot submit it until he has your consent. You can write to the doctor, asking him to amend any part of the report which you consider to be incorrect or misleading, and have attached to the report a statement of your views on any part where you and the doctor are not in agreement.

9.2.7. The doctor is not obliged to let you see any part of a report if, in his opinion, that would be likely to cause serious harm to your physical or mental health or that of others, or would indicate the doctor's intentions towards you, or if disclosure would be likely to reveal information relating to, or the identity of someone else who has supplied information about you, unless that person has consented or the information relates to, or has been supplied by, a health professional involved in caring for you. In such cases, the doctor must notify you and you will be limited to seeing any remaining part of the report. If it is the whole report, which is affected, he must not send it to us unless you give your consent.

Medical Declaration – Car, Truck or Kart Racing and all International Licence Applicants

10.1.1. An applicant 18 years of age or over applying for a Car, Truck or Kart (not Kart Clubman) Racing Competition Licence must pass a Medical Examination by their General Practitioner (GP) before applying for their first licence following their 18th birthday.

Thereafter they will be required to complete an annual medical self declaration until the age of 45. Applicants 45 years of age and over must undergo and pass an annual medical examination. The Competition Licence must be issued within 3 months of the date of the medical after which time the report will need to be revalidated by the examining GP. For International licence requirements for those 45 years and over, refer to 11.

10.1.2. All applicants for an International Competition Licence must pass a Medical Examination by their GP every year. International Competition Licences incorporate a FIA Medical Certificate of Aptitude, and every 2 years for applicants under 45 a 12-lead electrocardiogram.

10.1.3. No Car, Truck, Kart (not Kart Clubman) Racing or International licence will be issued until the Medical Examination Report, if required, has been completed, endorsed and signed by the applicant's GP.

10.1.4. In the event of any uncertainty as to whether or not the applicant satisfies the Medical requirements, the examination form should be signed by the GP and should then be sent directly to the MSA's Medical Section Administrator, with any additional information which may be of assistance.

10.1.5. Any fee charged for the medical examination is the responsibility of the applicant. This also applies to any additional reports and Specialist examinations requested by the MSA in connection with an application for a Competition Licence.

10.1.6. The medical examination should be carried out to a standard similar to that required for Life Insurance but with specific attention to the following:

10.1.7. Diabetics requiring treatment with insulin will not normally be issued with a licence valid for Racing, Karting, Kart Clubman, Rallycross, Stage Rallying or International Rallying. Note, for an International Rally licence, no distinction is drawn between Driver and the Navigator, both occupants of the car being required by the FIA to hold a full International Rally Driver's licence. In certain circumstances the Medical Consultant at the MSA will be prepared to consider applications in writing by Insulin controlled Diabetics. Each applicant would need to present themselves to a Diabetics Specialist recommended by the MSA and any costs incurred would be borne by the applicant.

10.1.8. Epilepsy is incompatible with fitness to Race, Kart, Kart Endurance, Kart Tyro, Kart Bambino, Rallycross or Stage Rally. If a person with epilepsy has not had a seizure or medication to prevent or control fits for a period of ten years they may present that case to the MSA's Medical Consultant for consideration. For other events a person with epilepsy may be considered for a competition licence providing they can show that they have not had a fit for five years whether on or off medication.

10.1.9. The following medical conditions may prevent the granting of a Competition Licence:

- (a) Myocardial infarction.
- (b) Myocardial ischaemia.
- (c) Coronary artery by-pass surgery.
- (d) Coronary Angioplasty.
- (e) Valvular Disease of the Heart or other abnormal condition whether operated on or not.
- (f) Severe hypertension which has given rise to cardiopulmonary problems.

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- (g) Any mental or behavioural disorders*, past or present whether or not under treatment with drugs or therapy.
- (h) Epilepsy, seizures or any other neurological conditions.

* As defined in ICD.10 (International Classification of Diseases).

10.1.10. The following eyesight standards are required to be met by applicants for a national licence.

Applicants for International Licences please refer to FIA Standards, www.fia.com (Appendix L).

- (a) Minimum corrected visual acuity must be 6/6 with both eyes open.
- (b) Minimum binocular field should measure at least 120 degrees along the horizontal meridian with no defects within the central 20 degrees.
- (c) Spectacles should be fitted with shatterproof lenses. Contact lenses if worn should be certified as satisfactory for motor sport by the ophthalmic specialist who supplied them.
- (d) A person who suddenly loses sight in one eye will not be allowed to hold a licence until five years has lapsed.
- (e) Double vision is not compatible with the issue of a Competition Licence.
- (f) Drivers must have normal colour vision in that they can distinguish the primary colours of red and green.

General

10.2.

- (a) It is strongly recommended that all competitors should be immunised against tetanus.
- (b) It is recommended that asthmatics should wear an identity tag (i.e. bracelet or necklace) declaring that they are asthmatic and that they should inform the event's Chief Medical Officer of their condition before competing.
- (c) It is strongly recommended that an annual eyesight test is taken.
- (d) The mouth should be kept clear of anything likely to cause a blockage of the airway in the event of an incident. It is advisable to remove false dentures and to refrain from chewing gum.
- (e) Competitors are advised to refrain from wearing jewellery which, in the event of an incident, could prove hazardous.

Medical Declaration – International Licence Applicants – 45 and Over

11.1.1. In addition to the requirements of 9 and 10 above, the following are required for International Licence Applicants 45 years of age and over.

11.1.2. A current written report of a stress related Electrocardiogram is required for all International licence applicants 45 years of age and over. A stress related ECG will be valid for two years and will need to be subsequently undertaken in respect of the licence application in the third year. (Do not send Trace.)

11.1.3. The stress electrocardiogram shall be carried out to a symptom limitation on a motorised treadmill to

a standard Bruce Protocol; an equivalent bicycle ergometric protocol is acceptable. Recording is to be made in 12 leads, at rest, following hyperventilation, and for each minute of exercise and each of ten minutes of recovery. Reason for cessation to be stated; report submitted must be by a specialist accredited in cardiology and signed by a consultant cardiologist.

Medical Declaration – Disabled Drivers

12.1.1. Any applicant with a congenital abnormality of any limb, or amputation or with any other disability should first contact the MSA's Medical Section Administrator at Motor Sports House who will be pleased to advise and help the applicant.

12.1.2. In addition to the requirements of 9, 10 and 11 above, disabled applicants should note the following:

12.1.3. The following medical conditions may prevent the granting of a Competition Licence:

- (a) Paraplegia
- (b) Hemiplegia
- (c) Quadriplegia
- (d) Loss of limb.

12.1.4. When applying for a Competition Licence all applicants are required to declare any physical disability.

12.1.5. Disabled drivers may be required to present themselves for examination by the MSA's Medical Consultant. If required to attend such examination the applicant will be required to provide, in advance, a note from his/her GP describing the applicant's disability and, if applicable, an opinion from any specialist who has been consulted.

12.1.6. Any driver or co-driver/navigator who has any medical condition or disability or who is currently on anti-coagulant therapy should declare this at the time of entering. Such information to be solely for the use of the Chief of medical services in the event of an accident.

12.1.7. Those competing in accordance with 12.1.4 in an activity where competition numbers as defined in J.4.1 or in U.17.25-17.28 should carry a white 'D', 60mm in height on a blue background 90mm by 90mm on both sides of the vehicle adjacent to the side numbers to alert marshals in the case of an incident.

Upgrading, Downgrading and Retention of Licence

Retention and Downgrading

13.1.1. An applicant may retain his or her licence if they meet the criteria set out below. If an applicant for whatever reason does not qualify to retain their current licence grade they will be automatically downgraded according to these regulations.

13.1.2. Upon renewal an applicant may voluntarily take out a licence of lesser grade than that to which they are entitled.

13.1.3. Upon receipt of a written request, an existing licence holder who wishes to exchange their licence for one of lesser grade may do so but only once during the year.

13.1.4. The charge for so doing will be the payment of the downgrade fee as per Part 3, Appendix 1 and forfeit of the cost difference (if any) between the two licences. Any subsequent upgrade will be charged in accordance with Part 3, Appendix 1.

Upgrading Procedure

13.2.1. Competitors wishing to collect signatures for upgrading their competition licence must use the Upgrade Card. For the Upgrade Card to be valid it must be signed in ink and must bear a passport type photograph of the holder, which must be permanently fixed to the Upgrade Card in the space provided.

13.2.2. If you want to upgrade your licence on renewal and you have met the Upgrading criteria detailed in this section, please forward your completed 2015 Competition Licence Application Form together with the appropriate licences and/or Upgrade Card containing the signatures and the required payment to the Licence Section.

13.2.3. If you want to upgrade your licence and you are already in possession of a current 2015 Competition Licence, please detach and complete the white licence amendment card contained in the Year Book and forward it, together with your 2015 Competition Licence and any other appropriate licences and/or Upgrade Card containing the necessary signatures with the required payment to the Licence Section. The payment is calculated as the difference between the cost of the existing licence and the new licence plus the upgrading fee as detailed in Appendix 1. A request for an upgrading signature has to be made to the organisers, and if the results of the event show that the driver's performance was satisfactory, his/her Upgrade Card will be signed by the Clerk of the Course in the space provided. In the case of Kart Races, only the MSA Steward of the Meeting is empowered to sign and only one signature per meeting is permitted, (Kart Endurance, Kart Tyro or Bambino Kart signatures are not accepted to upgrade a Kart Race Licence). A maximum of two signatures may be obtained at a car race or Long Circuit Kart meeting. In exceptional circumstances only, documentary evidence, such as printed official results sheets may be considered as proof of performance for upgrading. Results which predate the competitors last upgrade will only be accepted where the total number of results obtained is sufficient to meet the upgrade criteria from the basic competition licence for that discipline to that being sought.

Racing Licences

Racing – How to Retain a Licence

14.1.1. Note: A competitor who is unable to retain their Race licence as mentioned below may be required to pass a course at an Association of Racing Drivers' School. Exemptions to this requirement are as detailed in 8.2 of this section. Competitors qualified to retain a National 'A' or higher licence, who have not renewed their licence for five years or more will be required to pass the ARDS written examination.

14.1.2. A competitor who held a National 'B' Race licence in any one of the years 2012, 2013 or 2014 may renew it for a 2015 National 'B' Race licence.

14.1.3. A competitor who can provide proof of having ever held a National or National 'A' Race licence may

renew it for either a 2015 National 'A' Race, International 'D' Race or National 'B' Race licence.

14.1.4. A competitor who can provide proof of ever having held an International 'H1' Historic Race licence may renew it for a 2015 International 'D' Race licence, 2015 National 'A' Race licence or a 2015 National 'B' Race licence.

14.1.5. A competitor who can provide proof of ever having held an International 'C' Race licence may renew it for a 2015 International 'C' Race licence or a 2015 National 'A' Race, International 'D' Race or National 'B' Race licence.

14.1.6. A competitor who can provide proof of ever having held an International 'A' or 'B' Race licence may renew it for a 2015 International 'C' Race, International 'D' Race, National 'A' Race or National 'B' Race licence. Special arrangements exist for retaining an International 'A' or 'B' licence and are contained in Appendix L of the FIA International Sporting Code.

Racing – How to Upgrade a Licence

14.2.1. Please note that Rallycross signatures are NOT acceptable for upgrading any Race licence.

14.2.2. National 'B' to National 'A' Race. A competitor who is qualified to hold a 2015 National 'B' Race licence may upgrade it to National 'A' Race licence either at renewal or during the year as follows:

- (i) Obtain Clerk of the Course's signatures on the Upgrade Card certifying that the qualifying events have been successfully completed. These are 6 National 'B' or Clubman Races (these can all be from one circuit), or 12 Junior Race signatures, and must not contain more than 1 signature from Races organised by or on behalf of Racing Schools which form part of a school course or curriculum.
- (ii) One of the Clerk of the Course signatures required for having successfully completed a Race may be replaced by a Clerk of the Course signature recorded on the Upgrade Card for completing a day on a marshal's post during a race meeting.

14.2.3. One of the Clerk of the Course signatures for having successfully completed a Race may be replaced with a signature recorded on the Upgrade Card for having successfully completed an ARDS Advanced Course.

14.2.3.1. Exceptionally, and for drivers having first satisfactorily completed an ARDS Advanced Course, these races may be part of a National 'A' status Championship, designated specifically by the MSA for this purpose, and in which the candidate may participate with a National 'B' Race licence for one season only.

14.2.4. National 'A' to International 'D' Race. A competitor who is qualified to hold a 2015 National 'A' Race licence may upgrade it to International 'D' Race licence either at renewal or during the year, without any further qualification.

14.2.5. National 'A' or International 'D' to International 'C' Race. A competitor who is qualified to hold a 2015 National 'A' Race licence or International 'D' Race licence may upgrade it to International 'C' Race licence either at renewal or during the year as follows:

(H) Competitors: Licences

Obtain Clerk of the Course's signatures on the Upgrade Card certifying that the qualifying events have been successfully completed. These are 3 National 'A' Races OR 2 National 'A' plus 2 National 'B' or Clubman Races OR 6 National 'B' or Clubman Races. In all options signatures must be obtained at 3 different venues.

14.2.5.1. For any competitor who has attained their 'A' Race licence in accordance with 14.2.11, a minimum of 5 Clerk of the Course's signatures on the Upgrade Card are required, irrespective of status.

14.2.6. International 'C' to International 'B' Race.
A competitor who is qualified to hold a 2015 International 'C' Race licence may upgrade it to International 'B' Race licence either at renewal or during the year in accordance with Appendix L of the FIA International Sporting Code.

14.2.7. International 'B' to International 'A' Race.
In accordance with Appendix L of the FIA International Sporting Code.

14.2.8. National 'A' to International 'D' Race.
A competitor who is qualified to hold a 2015 National 'A' Race licence may upgrade it to International 'D' Race licence either at renewal or during the year without further qualification.

14.2.9. Deleted.

How to add an International Historic to a National 'A' Race

14.2.10. Deleted.

Karting to National 'A' Race

14.2.11. Kart competitors who hold an International 'A' or International 'B' Kart licence may apply for the National 'A' Race licence without further qualification.

Stage Rally Licences

Rallying – How to Retain a Licence

15.1.1. Note: A competitor who is unable to retain their Stage Rally licence as detailed below may be required to pass a course at a British Association of Rally Schools (BARS). Exemptions to this requirement are detailed in 8.4. of this Section.

15.1.2. A competitor who can provide proof of having ever held a National or National 'A' Rally licence may renew it for a 2015 National 'A' Stage Rally licence or a 2015 Rally International 'H' (Valid International Historic Rally Only) licence.

15.1.3. A competitor who can provide proof of having ever held an International Rally licence may renew it for a 2015 International 'R' Rally licence or a 2015 Rally International 'H' (Valid International Historic Rally Only) licence.

15.1.4. A competitor who can provide proof of having ever held an International Historic Rally licence may renew it for a 2015 Rally International 'H' (Valid International Historic Rally Only) licence or a National 'A' Stage Rally licence.

Rallying – How to Upgrade a Licence

15.2.1. Please note that Rallycross or Cross Country signatures are NOT acceptable for upgrading any Stage Rally licence.

Rally National 'B' Stage to Rally National 'A' Stage

15.2.2. A competitor who is qualified to hold a 2015 National 'B' Stage Rally licence may upgrade it to a National 'A' Stage Rally licence either at renewal or during the year by obtaining Clerk of the Course signatures on the Upgrade Card certifying that four Special Stage Rally events have been completed.

15.2.3. One of the Clerk of the Course signatures for having successfully completed a Stage Rally may be replaced with a signature for having successfully completed a BARS Advanced Course.

Rally National 'B' Stage to Rally International 'H' (Valid International Historic Rally Only)

15.2.4. A competitor who is qualified to hold a 2015 National 'B' Stage Rally licence may upgrade it to an Rally International 'H' (Valid International Historic Rally Only) licence either at renewal or during the year by obtaining Clerk of the Course signatures on the Upgrade Card certifying that four Special Stage Rally events have been completed. One of the Clerk of the Course signatures for having successfully completed a Stage Rally may be replaced with a signature for having successfully completed a BARS Advanced Course.

Rally National 'A' Stage to Rally International 'R'

15.2.5. A competitor who is qualified to hold a 2015 National 'A' Stage Rally licence may upgrade it to an International 'R' Rally licence either at renewal or during the year by obtaining Clerk of the Course signatures on the Upgrade Card certifying that 1 National 'A' Special Stage Rally or 2 National 'B' Special Stage Rally events have been completed.

Non-Race National 'B' or equivalent to Rally National 'B' Stage and above

15.2.6. Follow the procedure for applicants for a Stage Rally licence detailed in 8.4 and then proceed as in Rally National 'B' Stage to Rally National 'A' Stage and Rally National 'A' Stage to Rally International 'R' above.

Rally National 'A' Navigator to Rally International 'R'

15.2.7. Follow the procedure for applicants for a Stage Rally licence detailed in 8.4 and then proceed as in Rally National 'B' Stage to Rally National 'A' Stage and Rally National 'A' Stage to Rally International 'R' above.

Adding a Rally National 'A' Navigator

15.2.8. Competitors may add a National 'A' Navigator licence to a Non-Race National 'B', Clubmans or Rally National 'B' Stage licence at time of renewal or during the year on payment of the fee as detailed in Appendix 1.

Non-Race National 'B' to International 'R' Road Rally

15.2.9. A competitor who is qualified to hold a Non-Race National 'B' licence may upgrade it to an International 'R' Road Rally licence either at renewal or during the year by obtaining Clerk of the Course signatures on the Upgrade Card certifying that 3 events of Clubman or higher status, two of which must be Road Rally or Navigation events which have been completed. A Clerk of the Course signature from Stage Rally is valid in lieu of the equivalent grade of Road Rally.

Speed Licences

Speed – How to Retain a Licence

16.1.1. A competitor who held an International, National or National 'A' Speed licence before 31.12.02 may

renew it for the same or lower grade of licence or a Speed National 'A' (OPEN) in 2015.

16.1.2. All other applicants can apply for a Non-Race National 'B'.

Speed – How to Upgrade a Licence

Non-Race National 'B' to Speed National 'A'

16.2.1. Either Obtain Clerk of the Course's signatures on the Upgrade Card at four Clubman or National 'B' Race, Hillclimbs or Sprints. (One of the four signatures required may be replaced by a signature from an MSA Recognised Hillclimb and Sprint School confirming completion of the school course) OR Obtain the Clerk of the Course's signatures on the Upgrade Card at six Clubman or National 'B' Rallycross events.

Speed National 'A' to Speed National 'A' (OPEN) or Speed International 'R'

16.2.2. A competitor who can provide proof of having held a National 'A' Speed licence prior to 31.12.02 may upgrade it to a Speed National 'A' (OPEN) or International 'R' Speed licence on payment of the appropriate fee as detailed in Appendix 1, OR obtain Clerk of the Course's signatures on the Upgrade Card at four Clubman, National 'B' or National 'A' Race, Hillclimbs or Sprints.

Non-Race National 'B' to National 'A' Drag to International Drag

16.2.3. To obtain a licence for Drag Racing higher than National 'B', a driver must submit with their application to upgrade, a letter of endorsement from a recognised Drag Racing Club. A system of licence endorsement for the category of vehicle being driven is in place. See Section 5.

Rallycross Licences

Rallycross – How to Retain a licence

17.1.1. A competitor who can provide proof of ever having held a National or National 'A' Rallycross licence may renew it for the same or lower grade of Stage Rally or Speed licence in 2015.

17.1.2. A competitor who can provide proof of having ever held an International Rallycross licence may renew it for the same or lower grade of Stage Rally licence, Speed National 'A' licence or International 'C' Off-Road licence in 2015.

17.1.3. All other applicants can apply for a Non-Race National 'B'.

Rallycross – How to Upgrade a Licence

Non-Race National 'B' to Speed National 'A'

17.2.1. Obtain the Clerk of the Course's signatures on the Upgrade Card at six Clubman or National 'B' Rallycrosses or as detailed in 16.2 Non-Race National 'B' to Speed National 'A'.

National 'A' Rally, Stage Rally, Race or Speed to International 'C' Off-Road

17.2.2. A competitor who holds or has held a National 'A' Rallycross, National 'A' Rally, National 'A' Stage Rally or National 'A' Race licence prior to 31.12.2002 may upgrade it to an International "C" Off-Road licence on payment of the appropriate fee as detailed in Appendix 1, OR obtain the Clerk of the Course's signatures on the Upgrade Card at two Clubman, National 'B' or National 'A' Rallycross events.

Non-Race National 'B' to International 'Junior-C' Off-Road

This licence is valid for FIA Specified Categories only.

17.2.3. Drivers between 14 and 17 years of age may be issued the "Junior-C" Off-Road licence, subject to, having achieved their 14th birthday prior to 1st January in the year of participation and being under 17 years on the date of licence issue. The driver must have obtained the Clerk of the Course's signatures on the Upgrade Card at four Clubman or National 'B' Rallycross events and have participated in MSA sanctioned motor sport for 2 years prior to application.

Truck Racing Licences

Truck Racing – How to Retain a Licence

18.1.1. Retention of a Truck Racing licence is exactly the same as for a Race licence. Please read 14.1.

Truck Racing – How to Upgrade a Licence

18.1.2. These are special licences and the National Truck Racing licence can be issued in one of the two following ways:

18.1.3. A competitor who is qualified to hold a National 'A' or International Race licence must satisfactorily complete an agreed instruction course in driving Heavy Goods Vehicles. OR

18.1.4. A competitor who already is the holder of a category C RTA licence must complete an ARDS racing course and take out a National Truck Race licence.

18.1.5. National Truck to International 'C' Truck Obtain the Clerk of the Course's signature on the Upgrade Card at four races of at least 8 laps duration. A maximum of 2 signatures can be obtained at one meeting. If races are of less than 8 laps, 2 such races will count for one signature.

Kart Licences

Kart – How to Retain a Licence

19.1.1. Note: A competitor who is unable to retain their Kart licence as detailed below may be required to pass a course at an Association of Registered Kart Schools (ARKS). Exemptions to this requirement are detailed in 8.3 of this Section. Competitors qualified to retain a National 'A' or higher licence, who have not renewed their licence for 5 years or more will be required to pass the ARKS written examination.

19.1.2. A competitor who held a National 'B' Kart licence during 2012, 2013 or 2014 may renew it in 2015.

19.1.3. A competitor who has ever held a National or National 'A' Kart licence may renew it for the same or lower grade of licence in 2015.

19.1.4. A competitor who has ever held an International 'C' Kart licence may renew it for the same or lower grade of licence in 2015.

19.1.5. Special arrangements exist for retaining an International 'A' or 'B' licence and are contained in the CIK-FIA Annuaire.

Kart – How to Upgrade a Licence

19.2.1. Please note that Kart Endurance, Kart Tyro or Bambino Kart signatures are NOT acceptable for upgrading any Kart Licence.

(H) Competitors: Licences

National 'B' (Novice) to National 'B' Kart

19.2.2. Obtain the MSA Steward's signature on the Upgrade Card at six Clubman or National 'B' Kart Races. Three of these signatures may have been obtained at NatSKA or Kart Tyro meetings held under an MSA Permit (these can all be from one circuit). A competitor may only obtain one signature per meeting per class. Completion of the ARKS Course (8.3) will constitute one of the six signatures.

National 'B' to National 'A' Kart

19.2.3. A Competitor who is qualified to hold a National 'B' Kart licence may upgrade it to a National 'A' Kart licence either at renewal or during the year as follows:

Obtain the MSA Steward's signature on the Upgrade Card at six Clubman or National 'B' Kart Races. Signatures must have been obtained at a minimum of three different venues. For competitors in Long Circuit events only two different venues are required so long as the application is supported by a Long Circuit Karting organising Club. For upgrades containing both Short and Long Circuit signatures the minimum of three different venues is required. A competitor may only obtain one signature per meeting.

National 'A' Race to National 'A' Kart

19.2.3.1. A Competitor who is qualified to hold a National 'A' Race licence may apply for a National 'A' Kart licence either at renewal or during the year subject to the following:

Successful completion of the ARKS written test, in addition to having obtained the MSA Steward's signature on the Upgrade Card at one Short Circuit Clubman or National 'B' Kart Race.

National 'A' to International 'C' Kart Junior or Senior

19.2.4. A competitor must be eligible for a National 'A' licence in order to apply for an International 'C' licence. An International 'C' Junior licence can be issued to drivers between their 13th birthday (reaching their 13th birthday during the calendar year) and their 15th birthday. An International 'C' Senior licence can be issued to drivers on or after their 15th birthday. Application must be made in accordance with the Regulations published in the 2015 CIK Annuaire.

National 'A' or International 'C' to International 'B' Kart

19.2.5. A competitor must be over 15 years of age to be eligible for an International 'B' licence and make application in accordance with 2015 CIK Annuaire.

19.2.6. *International 'B' to International 'A' Kart.* A competitor must be over 15 years of age and application must be made in accordance with the Regulations published in the 2015 CIK Annuaire.

Cross Country Licences

Cross Country – How to Retain a Licence

20.1.1. Any competitor who has ever held a Rally National, Rally National 'A' or Rally International licence may apply for the Cross Country National 'A' licence in 2015.

20.1.2. Any competitor who has ever held a Rally International licence may apply for the Cross Country International 'R' licence in 2015.

20.1.3. All other competitors may apply for the Non-Race Clubman or Non-Race National 'B' licence without qualification.

Cross Country – How to Upgrade a Licence

Non-Race National 'B' or Non-Race Clubman to Cross Country National 'A'

20.2.1. A competitor who is qualified to hold a 2015 Non-Race National 'B' or Non-Race Clubman licence may upgrade it to a National 'A' Cross Country licence either at renewal or during the year by obtaining Clerk of the Course signatures on the Upgrade Card certifying that four Competitive Safaris have been completed.

Cross Country National 'A' to Cross Country International 'R'

20.2.2. A competitor who is qualified to hold a 2015 National 'A' Cross Country licence may upgrade it to an International 'R' Cross Country licence either at renewal or during the year by obtaining Clerk of the Course signatures on the Upgrade Card certifying two National 'B' Competitive Safaris or one National 'A' Competitive Safari have been completed.

Competition Licence – Fees

21. See Part 3, Appendix 1, Competition Fees for details.

Competition Licence – Inspection

22.1.1. Licences must be produced for inspection at all events prior to a competitor taking part.

22.1.2. Competitors failing to produce a correct licence will pay a non-production fee as detailed in Part 3, Appendix 1 or may be excluded from the event by the Stewards.

22.1.2.1. Exceptionally, for Karting, where both a Kart PG and the drivers licence, specific to a single entry, cannot be produced a single non-refundable fee will be payable.

22.1.3. Under no circumstances can this fee be considered as a substitute for holding a valid Competition Licence.

22.1.4. Only the originals of licences and Upgrade Cards are acceptable. Photocopies or facsimiled copies are not acceptable.

22.1.5. One Entrant's licence covers all the entries at a meeting in the name of that Entrant.

Competition Licence Restrictions

23.1.1. The following restrictions apply:

23.1.2. No person shall apply for or hold a current Entrant's and/or Driver's licence from more than one ASN (other than in 23.1.5. below) and such licences shall, if both are required, always be obtained from the same ASN.

23.1.3. No person may apply for or hold more than one current licence of the same category.

23.1.4. In special circumstances and, only once annually, the holder of a licence issued by the MSA may apply to another ASN to issue them with a licence. This may only be granted if they are permanently resident in the territory of the ASN to whom they are

applying, have surrendered their licence to, and obtained written permission from the MSA.

23.1.5. A British citizen, having a licence issued in a foreign country which is not endorsed with the EU flag (27), will be able to take part in events within the territory of the MSA, subject to also taking out an MSA National 'B' or 'A' Competition Licence.

Competition Licence – Holder's Indemnity and Undertaking

24.1.1. In consideration of MSA granting a Competition Licence, the holder binds himself to the following requirements and undertakings (A.2.6, A10 and D.13):

24.1.2. To abide by the MSA Regulations and any amendments or additions thereto which may be in force at any time that the licence is used for the purpose of taking part in a motor competition.

24.1.3. To pay as liquidated damages for any breach of these Regulations any sums awarded against him or the organisation which he represents within the maxima set out in the Regulations.

24.1.4. To acknowledge that all persons having any connection with the promotion and/or organisation and/or conduct of the event are insured against loss or injury caused through their negligence.

24.1.5. That to the best of the licence holder's knowledge and belief the driver(s) possess(es) the standard of competence necessary for an event of the type to which an entry relates and that the vehicle entered is suitable and road worthy for the event having regard to the course and the speeds which will be reached.

24.1.6. That where appropriate, the use of the car entered shall be covered by insurance as required by the law, which is valid for such part of the event as shall take place on roads as defined by the law.

24.1.7. That any competitor taking part in an event is suffering from any disability whether permanent, or temporary, which is likely to affect prejudicially his normal control of his vehicle at the time of the event, may not take part unless he has declared such disability to the MSA which has, following such declaration given its written consent to the competitor to compete.

24.1.8. That any application form for a licence which is signed by a person under the age of 18 years shall be counter-signed by that person's Parent or Guardian. Proof of guardianship may be required.

24.1.9. Competitors should abstain from the consumption of alcohol or drugs before or during a competition.

24.1.10. The Parent/Guardian of a minor shall sign the following declaration: "I am the Parent/Guardian of the driver I understand that I shall have the right to be present during any procedure being carried out under the Supplementary Regulations issued for this event and the General Regulations of the MSA. As the Parent/Guardian I confirm that I have acquainted myself and the minor with the MSA General Regulations, agree to pay any appropriate charges and fees pursuant to those Regulations (to include any appendices thereto) and hereby agree to be bound by those Regulations and submit myself without reserve to the consequences resulting from those Regulations (and any subsequent alteration thereof). Further, I agree to pay as liquidated damages any fines imposed upon

me up to the maxima set out in Part 3, Appendix 1. (In addition please note that the above is subject to the requirements of S.7.1.7. and U.14.1.5.)

24.1.11. Where the Parent or Guardian is not present there must be a representative, who must produce a written and signed authorisation from the Parent/Guardian, to act as their representative.

Competition Licence – Waiver

25.1.1. The MSA waives the requirement for Competition Licences for some types of club motor sport (see D.4.3 and D.4.5 for details).

25.1.2. The MSA also waives the requirement to hold a Competition Licence for competitors who hold a National licence issued by the National Schools Karting Association (NatSKA) in accordance with their rules which have been agreed with the MSA.

25.1.3. Club Membership Cards valid in lieu of a Competition Licence shall contain the following wording;

Side A shall include as a minimum:

Name of Club (name of club)

This is to certify that (name of member)

"is a duly elected member paid up to (date of renewal or expiry of membership) and is, therefore, authorised by The Royal Automobile Club Motor Sports Association Ltd on the conditions stated overleaf, to take part in all competitions confined to members of this club or defined as Clubman events under MSA Regulations."

Membership No (Number)

Signature of Club Secretary (signature)

Side B shall include as a minimum:

"I declare that I shall not drive in any part of a competition which takes place on the public highway unless I hold a valid motor vehicle RTA licence for cars (other than provisional). I am acquainted with and agree to be bound by the General Regulations of the MSA."

Signature of Holder

Warning Notice A.

Grades of Event and Licence Types and Grades

26.1.1. Competitors need a Competition Licence for most forms of motor sport organised under a permit issued by the MSA. Select the status and type of event from the Chart 26; this shows the minimum acceptable licence.

26.1.2. Competitors must normally have registered and have their licence before competing in any event, but with the specific exception of Race, Kart Races* (excluding Kart Endurance, Kart Tyro or Bambino Kart) and Stage Rallies**, organisers are permitted to accept a properly completed Non-Race National 'B', Non-Race Clubman or Kart Clubman Application Form along with the appropriate fee in lieu of the licence.

26.1.3. *Competitors 17 years of age and under who have just completed their ARKS test may also produce their correctly completed application and payment in lieu of the licence.

26.1.4. ** Navigators at National B or lower status Stage Rallies may apply for a Non-Race National B licence.

(H) Competitors: Licences

This can, however, only be done once annually at events of National 'B' or lower status. No priority fee is payable and the fee for non-production of licence is not applicable.

26.1.5. Licences issued by Motorsport Ireland will be deemed valid for all British events providing the holders comply with all the requirements for the event. Under a reciprocal agreement British licences are valid in Eire.

26.2.1. National Competition Licences issued by countries outside the UK (excluding Kart National) will be deemed valid for British events, providing either of the following applies; and competitors obtain approval from their own ASN:

- (i) The event has been inscribed on the 2015 National Calendar for National Competitions with Authorised Foreign Participation and that the holders comply with all the requirements for the event.

OR

- (ii) A Professional competitor in possession of a valid licence (which features the EU flag) and medical, issued by the ASN of a member country of the European Union and has provided such proof to their issuing ASN. The holder will be subject to MSA Regulations whilst competing in that event. To ensure compatibility with our licence requirements, clubs should require foreign competitors to comply with the following:

- (a) If the event is of National 'B' or Clubman status, the competitor must be a member of, or join, the organising club or one of the invited clubs.
- (b) At a National 'B' Race meeting, the competitor must sign a declaration that he/she is competent to compete in the appropriate Race, and must satisfy the Clerk of the Course prior to practice that he/she is aware of the flag signals. The competitor should be subject to special observation during practice, and must achieve a lap time of at least 120% of the class best, unless the Clerk of the Course is satisfied as to extenuating circumstances. If he/she has not previously finished six Races, the competitor must carry a novice cross on the rear of the car (Q11.3).
- (c) At a National 'A' Race meeting, the competitor must sign a declaration that he/she is competent to compete in that status of Race, and must satisfy the Clerk of the Course prior to practice that he/she is aware of the flag signals. The competitor should be subject to special observation during practice, and must achieve a lap time of at least 120% of the class best, unless the Clerk of the Course is aware of extenuating circumstances.
- (d) At any International Race meeting the competitor must hold a valid International licence.
- (e) Short Circuit Kart Racing. The competitor must carry 'Novice' number plates unless he/she can provide the organisers with proof of having finished in at least six Kart Races. Normal observation during practice.
- (f) Long Circuit Kart Races. A declaration must be signed that the competitor has finished at least six Kart Races (long or short circuit). The competitor must carry 'Novice' number plates unless proof can be provided to the organisers of having finished at least four long circuit Kart Races. Special observation during practice.

- (g) National 'B' Rallies. The driver must hold a road licence valid within the UK. No other restrictions [see (k) regarding insurance].
- (h) National 'A' Rallies. As (g) above, but the competitor must sign a declaration that he/she has competed in at least four rallies.
- (i) Co-Drivers. No special requirements.
- (j) Vehicle Log Books must be issued. This can be done at scrutineering, but competitors must be warned to bring the appropriate photographs.
- (k) RTA Insurance can be arranged subject to an acceptable proposal form being submitted. Note. The laid down time scale must be rigidly observed.
- (l) All other events. For all other events which do not utilise the public highway, no special restrictions apply.

26.2.2. British licence holders of National 'A' or above (excluding Kart National) grade will be entitled to compete in National events within the EU and the Comparable Countries (26.2.1) providing the event has been inscribed on the 2015 ASN's Sporting Calendar as a National Event with Authorised Foreign Participation, and comply with the requirements of the event. They will then be subject to the regulations of the appropriate ASN. These licences will incorporate automatic permission to take part in such events and contains the words "Subject to Art. 2.3.11, valid approval under Art. 2.3.8 ISC".

26.2.3. British licence holders of any International grade will be entitled to take part in events of the appropriate type on condition that those events are entered on the FIA International Calendar. MSA International licences incorporate automatic permission to take part in such events. In case of difficulty please contact the MSA.

26.2.4. Concessions to holders of an International Historic licence may be available, please refer to the FIA International Sporting Code.

26.2.5. Non UK Race licence holders attending an MSA recognised competition driving school may take part in up to two national events organised by that school on the strict condition that they have the agreement of both their parent ASN and the MSA. In such cases their original licence must be lodged with the MSA who will then issue a suitable licence for the event, following receipt of a completed application. This licence will be exchanged for their original licence at the conclusion of the event(s).

26.2.6. British licence holders of National 'A' or above grade may request, at time of application, to have their Competition Licence endorsed Professional and feature the EU flag. These endorsements will permit the holder to participate in national events within the EU and the Comparable Countries, where that event has been inscribed on the hosting ASN's National Calendar. They will then be subject to the regulations of the appropriate ASN. To enable consideration to be given to such a request the applicant must certify on the licence application form in the following terms: I certify that for the last tax year prior to this application I declared earnings as a competitor in motorsport to Her Majesty's Revenue and Customs and I therefore request that the MSA endorse my licence with the word 'Professional' and further with the EU Flag in accordance with regulation 26.2.1.

Entrants

27.1.1. All personal licences entitle the holder to enter the car, truck or kart* in which he/she will personally take part in the event. Any other organisation, company, sponsor or person must obtain an ENTRANT'S LICENCE by making separate application by completing an Application for Competition Licence Form.

*(In addition please note the above is subject to the specific regulations which apply to Drag Racing S.7.1.7 and Karting U.14.1.5.)

27.1.2. The entrant is the legal entity who is responsible for all acts and/or omissions of the driver/co-driver and any person connected with the entry. A competitor must ensure that any entrant is aware of this.

27.1.3. The maximum number of words permitted in an Entrant's title is six.

27.1.4. Only one Entrant's licence may be used in connection with an entry (i.e. two three word licences cannot be used to make one entry).

27.1.5. An International Entrant's licence is valid for all events both inside and outside the UK.

27.1.6. A National Entrant's licence is valid for all events inside the UK excluding International, except in the case of events for Karts and Historic Cars, where it has the same validity as an International Entrant's licence. Competitors who intend to use this licence internationally must advise the MSA at the time of application.

27.1.7. *Where a competitor has not reached his 18th birthday the Entry for an event must be counter-signed by their Parent or Guardian. Such person will be considered as being the Minors' Entrant, and as such will be subject to these Regulations.

27.1.8. *The Parent or Guardian must attend the event with the Minor, and sign-on as his Entrant.

*(In addition please note the above is subject to the requirements of S.7.1.7 and U.14.1.5.)

27.1.9. A discipline may require the Parent or Guardian to be the holder of a PG Entrant's Licence, where this is required the following will apply:

- (a) A Competition Licence Application form must be countersigned by the Competitor's Parent or Guardian. The Competitor's Parent or Guardian must hold a PG Entrant's Licence.
- (b) The PG Entrant's Licence Application must accompany the Competition Licence Application form when it is submitted to the MSA.
- (c) At an event a competitor must be accompanied by the holder of a PG Entrant's Licence who must sign on as the Entrant of that competitor. When the holder of the PG Entrant's Licence is unable to be present they may appoint in writing an Entrant's Representative to act as their agent for all purposes under these Regulations.

However the holder of the PG Entrant's Licence will remain fully liable and responsible under the Regulations, as principal, as if they had accompanied the Competitor. The Entrants Representative must be in possession of the PG Entrant's Licence (22.1.2).

- (d) The Entrant (who signs on at the Event as the Entrant) of the Competitor will be responsible for the conduct of mechanics, helpers, team personnel and any other person associated with that Competitor.

- (e) For National events within the UK a "PG" Entrant's Licence will suffice. For International events a competitor must be accompanied by a Licensed Entrant whose licence must be valid for International events (32).

Advertising

28.1.1. During the period of validity of an event Permit there are no restrictions on advertising on vehicles in the UK except as follows:

28.1.2. The display must not be offensive.

28.1.3. No display should interfere with the easy identification of the vehicle's competition number.

28.1.4. No display on a transparent surface can exceed 13cm in depth.

28.1.5. Advertising is prohibited on road rallies except as provided for in R.18.6.1, R.18.6.6 and R.19.8.

28.1.6. Tobacco related advertising is prohibited on all competing vehicles, their support vehicles and any other form of equipment directly connected with an entrant or competitor. As an exception to this any car which can be proved by way of its history, through its chassis number via the FIA or MSA Historic Vehicle Identity Form (HVIF), to have run in a particular livery will be allowed to continue to display that livery in the same colours and original size of logos.

Event Advertising

29.1.1. The competitor must make available to the organiser a specified area of 645 sq cm on each side of the car, adjacent to the space allocated for the vehicle's competition number, and clearly visible, on which the organiser may specify the event, its sponsor or the course on which it is being run. Normally, this will be above or below the number background.

29.1.2. The competitor taking part in an event of a championship series must also make available a specified area of 645 sq cm on each side of the car on which the organiser may specify the championship and its sponsor (if that sponsor is different from the sponsor of the individual event) so long as the competitor is required to display only the title of the championship.

29.1.3. Failure to display the appropriate sticker may result in loss of Championship points.

Entries

30.1.1. Individual entries for an event must be made in writing on an appropriate entry form (D.4.3 and D.4.5) before the specified closing date of entries.

30.1.2. Acceptance of entries shall be at the discretion of the organisers, whether or not the number of entries submitted exceeds the maximum number to be accepted in the competition (D.14).

30.1.3. The organisers may at their discretion:

- (a) Select entries as they wish.
- (b) Refuse any entry. No event or championship organiser shall have the right to refuse an entry on unreasonable grounds and competitors may appeal to the MSC if they feel the grounds are unreasonable.
- (c) Refund any entry fee or excuse a competitor payment of any entry fee.
- (d) *Publicise in the SRs the method by which entries are to be selected.

(H) Competitors: Licences

- (e)* Furthermore, the organisers may require accepted entries to comply with some specific conditions prior to being permitted to start, but only provided such a condition is stated in the SRs.
- (f)* Abandon, cancel or postpone the competition or any class therein should insufficient entries be received, provided that a minimum number of entries is specified in the SRs.
- (g) Amalgamate existing classes or create additional classes should the type and size of entry appear to warrant such action, provided that the intention so to act is notified in writing to all competitors affected, not later than the closing date for entries.
- (h) Permit the nomination of drivers to be delayed up to the time of issuing the official list of competitors.

31.1.1. The organisers shall, within seven days of receipt of an entry, or within two days of the closing date for entries, whichever is the earlier, notify an entrant that his entry is:

- (a) Accepted, or
- (b) Refused, or
- (c) Placed on a list of reserves and the position on that list, or
- (d) Held in abeyance for further consideration.
- (e) Furthermore, in the case of an entrant notified that his entry is classified under (d), he shall be notified within two days of the closing date of entries as to the final classification of his entry.
- (f) An entrant shall be free to withdraw an entry to which 30.1.3(g), (c) or (d) relates provided the organisers are so informed in writing within three days of the entrant being notified.
- (g) When an organiser is accepting entries up to one hour before a competition (as permitted by D.20), he must notify all accepted entries, not less than three days before the event, if there is any likelihood of the event being cancelled because of lack of entries.

31.1.2. Refund of Entry Fees. An entrant shall have the right of a refund of the entry fee only if:

- (a) The event is cancelled, or postponed for more than 12 hours, unless the SRs have provided for a specified part to be retained towards administrative expenses.
- (b) An otherwise eligible reserve entry is not permitted to take part in the event.
- (c) An entry is withdrawn as provided by 31.1.1(f).
- (d) An entry is refused.
- (e) Provision is made in the SRs for full or partial refund to a competitor notifying the organisers IN WRITING prior to a specified date, that he wishes to withdraw his entry.

Entrants' Responsibilities (1, 29)

32.1.1. An entrant shall ensure that:

32.1.2. Only the nominated car is used throughout the event.

32.1.3. Only the nominated driver(s) drive that car.

32.1.4. Only nominated persons are carried in that car.

32.1.5. An entrant shall, before the event, satisfy himself as to the eligibility and safety of the vehicle and safety equipment and the competence of its driver.

32.1.6. An entrant shall furthermore ensure that a vehicle is maintained in an eligible and safe condition throughout the event or meeting.

32.1.7. The act of presenting a vehicle and safety equipment for official scrutiny shall be deemed a declaration of its fitness and eligibility for the event and an acceptance of the consequences of such a declaration not being valid.

32.1.8. Vehicles shall comply with the MSA Technical Regulations and any appropriate Approved Formulae Regulations.

32.1.9. There shall be no requirement for eligibility of a vehicle additional to the preceding point unless such requirement is stated in the SRs.

32.1.10. The entrant shall be responsible for all acts or omissions on the part of his driver(s), mechanics, passengers, and all other persons assisting in any capacity in connection with his entry, but each of these shall also be responsible for any breach of the Regulations.

32.1.11. Notwithstanding the above, the driver of any vehicle excluded as a result of the actions of his Entrant, Mechanic, engine or body builder, or any other person assisting in any capacity with his entry, may also be subject to any penalties associated with that exclusion.

32.2.1. Entrants and Drivers Forbidden to Abandon one Event and compete in another.

32.2.2. Any entrant having entered, or any driver having undertaken to drive in any event, who does not take part in that event and takes part in another event on the same day may thereby become liable to the penalty set out in Part 3, Appendix 1.

32.2.3. Provided also that a competitor who has been notified that his entry has been accepted conditionally or that a decision has been deferred may enter for another event on the same day on condition that if his entry for the second event is accepted he shall forthwith notify the first organising club.

Competitors' Responsibilities

33.1.1. All Entrants, Drivers, Navigators and other passengers must 'sign-on' on a form prescribed by the MSA and undertake to comply with the declarations laid down in D.13 and shall not be allowed to take part in the event until they have produced the necessary documents to prove their eligibility for the event, whether this be by means of an approved Club Membership Card and/or an MSA Competition Licence (or Licence application form completed as in 26.1). In addition to the foregoing if the vehicle is to be used on the Public Highway an appropriate current valid Road Traffic Act Licence will also be required.

33.1.2. Competitors must present their vehicle, in a clean condition, with any relevant paperwork, for scrutineering at the nominated time prior to taking part in the event.

33.1.3. Competitors must attend any meeting or briefing where this is required by the SRs, by the Clerk of the Course, or by the Stewards of the Meeting.

33.1.4. Competitors and their service/pit assistants must at all times obey the instructions of an authorised official of the meeting.

33.1.5. Competitors and their service/pit assistants must at all times display means of identification (i.e. passes etc.) as provided by the organisers.

33.1.6. Competitors must remain available at an event until any protest period relating to their event or appeal period in any matter in which they are involved has elapsed, failing which, any judicial action against or relating to that competitor may be heard in their absence (6.3, 7.1.5).

33.1.7. Any competitor knowingly injuring a marshal, an official or spectator during an event must:

- (a) Ensure that adequate help is available.
- (b) Report the incident to a Senior Official as soon as possible.
- (c) Report personally to the Clerk of the Course, not later than the conclusion of the event, and remain at his disposal until released.
- (d) If the incident happened on the Public Highway, competitors are reminded of their obligations under the RTA.

Foreign Events

34.1.1. A competition licence holder proposing to compete in an event outside the European Union is required by FIA Rules to ensure that the event is inscribed on the FIA International Calendar. International Competition Licences issued by the MSA constitute an authorisation 'Visa' and allow eligible holders to compete abroad on such events. (See 26.2.1.)

34.1.2. Only competitors classified as finishers and who have produced the appropriate documents to prove their eligibility for a competition will be eligible for an award or an individual position in the results unless the SRs specify otherwise.

Results and Awards

35.1.1. Any award which is not specifically offered to a person other than the entrant will be given to the entrant.

35.1.2. Where eligibility for an award depends upon club membership this will be determined by means of the club membership claimed on the entry form. Details of the club must be printed in the programme. No competitor may compete for more than one such award.

35.1.3. No competitor may be a member of more than one team competing for the same award unless the SRs specify otherwise.

35.1.4. A 'novice' will be a driver who has not previously won an award in a competition of similar or higher status and type unless the SRs specify other conditions.

35.1.5. The results of a competition will be 'Provisional' until all vehicles subject to Post-Event Scrutiny have been examined and a report submitted to the Clerk of the Course, all official enquiries by the Clerk of the Course and/or Race Director completed and every

competitor has had an opportunity to protest and/or appeal in accordance with the Regulations, and such protest or appeal has been duly heard.

35.1.6. If no valid protest or appeal is received within the time limits specified in C.5.2, the results shall become Final and may not be changed subject only to the powers held by the MSA.

35.1.7. If the Provisional Results are amended for any reason, fresh Provisional Results must be published and these become subject to protest or appeal in accordance with the preceding point.

35.1.8. If printed results sheets are available to all competitors on the day, copies of these results need not be posted to entrants. Any alteration to the Provisional Results must be notified to all entrants.

Advertisement of Results of Competition

36.1.1. Any competitor or other persons or body advertising the results of a competition shall state the exact conditions of the performance referred to, the nature of the competition, the category, class, etc., of the vehicle, and the position and result obtained, and such additional information as the MSA may require.

36.1.2. The publication of an advertisement, relating to the results of a competition drawn up in a way calculated to mislead the public, or the infraction of this Rule whether by way of omission from or addition to the particulars required to be stated or otherwise, shall render the person or body by whose authority or on whose behalf the advertisement is published or issued liable to the penalties provided by these Rules, and may entail the infliction of a penalty on the person responsible for drawing up the advertisement.

Successful Prosecution (D.25.1.15)

37.1.1. Any competitor who is successfully prosecuted as a result of his conduct in connection with a motor vehicle whilst taking part in an event may, at the discretion of the Stewards of the Meeting, subsequently be excluded from the results of that event and be required to forfeit or return any award. Details of any successful prosecution known to the organising club shall be passed to the MSA, who will endorse his licence record and may exclude the person concerned from competing in other events.

Insurance

38.1.1. In respect of any event or part of an event held anywhere other than on a publicly adopted road, under a Permit issued by the MSA, competitors will be insured in respect of third party legal liability by the MSA Master Policy.

38.1.2. Competitors are not insured under this policy in respect of legal liability to other competitors.

38.1.3. It is the competitor's responsibility to ensure that he is properly insured, as required by the Law, whilst on publicly adopted roads.

38.1.4. Further details of Insurance are given in Part 3, Appendix 2.

(H) Competitors: Licences

38.1.5. The competitor shall comply with the terms of the master insurance policies effected by the MSA, the principle terms of which are summarised in Part 3, Appendix 2.

38.1.6. A full copy of the master insurance policy may be seen on application to the MSA Company Secretary at Motor Sports House.

Procedure for Control of Drugs and Alcohol (D35.1)

Anti-Doping Regulations

39. The MSA has adopted the UK Anti-Doping Rules

(as amended from time to time) subject to the following provisions:-

Amended Provisions

Article 8: Disciplinary Proceedings of the UK Anti-Doping Rules shall be amended to read as follows: The Motor Sports Council National Court (A3.1v) shall hear any anti-doping case referred to it under these Regulations (C11.1).

The UK Anti-Doping Rules are available at www.ukad.org.uk and the WADA prohibited list is available at www.wada-ama.org or from the MSA on request. It is the responsibility of each licence holder to ensure that they are fully familiar with the UK Anti-Doping Rules and the WADA Prohibited List.

[Please note: The FIA Anti-Doping Regulations will apply in respect of any International event.]

Appendix 1: Charts and Diagrams

Chart 7: Competitors Minimum Ages

<i>Discipline</i>	<i>Driver</i>	<i>Navigator</i>	<i>Front Passenger</i>	<i>Rear Passenger</i>	<i>Remarks</i>
RACE					
Car Race	16				14 Junior Race Formulae only
Truck Race	21				21 min age on road
Kart Race L/C	16				210cc max to 17
Kart Race S/C	8				85cc gearbox from 13
Kart Tyro	11				
Kart Endurance	16				15hp per Kart
Kart Bambino	6				Special Conditions
RALLY					
Road Rally	17+RTA	12		2	2-12 in a Child Seat
Navigation Rally	17+RTA	12		2	2-12 in a Child Seat
Stage Rally	17+RTA	16			14 Junior Rally Championship only 14 Single Venue Navigator
TRIALS					
Car Trial	14		12		
Classic Reliability Trial	17+RTA		14	2	2-12 in a Child Seat
Sporting Trial	16		14		
AUTOTEST					
Autotest	16				
PC Autotest	14		12		
CROSS COUNTRY					
Hill Rally	17+RTA	16			
Safari	17+RTA	16			
Cross Country Tyro	13		12	2	2-12 in a Child Seat
Cross Country Trial	17		14		Junior Trials from 8-17
SPEED					
Sprint and Hillclimb	16				
Minicross	14				
Autocross	16				14 Junior Autocross
Clubcross	14				
Rallycross	16				14 Junior Rallycross
Drag Race	16				Junior Dragsters from 8

(H) Competitors: Licences

Chart 26: Competitors Minimum Acceptable Licences

MOTOR SPORT DISCIPLINE	EVENT STATUS (as defined in Supplementary Regulations)			
	CLUBMAN	NATIONAL 'B'	NATIONAL 'A'	INTERNATIONAL
AUTOTESTS*	Clubman	Clubman	Any National 'B'	
ALL TRIALS* (excluding 4x4)	Clubman	Clubman	Any National 'B'	
NAVIGATION RALLY*#	Clubman	Any National 'B'	Any National 'B'	
ROAD RALLY*# (including Targa, Historic and Endurance)	Clubman	Any National 'B'	Any National 'B'	
SAFARIS, TIME TRIALS, TEAM RECOVERIES, CHALLENGE EVENTS	Clubman	Clubman	Cross Country or Stage Rally National 'A' (5)	Cross Country 'R' or Stage Rally International 'R'
HILL RALLIES	Clubman (6)	Clubman (6)	Cross Country or Stage Rally National 'A' (7)	Cross Country 'R' or Stage Rally International 'R'
CLUBCROSS	Clubman			
AUTOCROSS (including MINICROSS)	Any National 'B'	Any National 'B'		
HILL CLIMBS, SPRINTS, SAND RACES	Any National 'B' (8)	Any National 'B' (8)	Speed or Race National 'A' (8)	Speed 'R' or Race 'C' International
DRAG RACES		Any National 'B'	Drag National 'A'	Drag International
RALLYCROSS	Any National 'B'	Any National 'B'	Stage Rally Nat 'A' Race Nat 'A' Speed National 'A' (3)	Off-Road International 'C' Race International
STAGE RALLIES	Stage Rally National 'B' (6)	Stage Rally National 'B' (6)	Stage Rally National 'A' (7)	Rally International 'R'
STAGE RALLIES (HISTORIC)	Stage Rally National 'B'	Stage Rally National 'B'	Stage Rally Nat 'A' or Rally International 'H'	Rally International 'R' or Rally International 'H'
KART ENDURANCE	Kart Clubman (9) or Kart National 'B'	Kart Clubman (9) or Kart National 'B'		
KART TYRO	Kart Clubman (9)			
KART BAMBINO	Kart Clubman (11)			
RACE	Race National 'B' or Race National Truck	Race National 'B' or Race National Truck	Race National 'A'	Race International 'C' (12)
RACE HISTORIC	Race National 'B' or Race National Truck	Race National 'B' or Race National Truck	Race National 'A' or Race International 'D'	Race International 'C' or Race International 'D'
RACE KART	Kart National 'B' or Race National 'B'	Kart National 'B' or Race National 'B'	Kart National 'A' (10)	Kart International
RACE TRUCK	Race National Truck	Race National Truck	Race National Truck	International Truck 'C'

NB

- (1) A higher grade licence is always valid for lower permit events of the same discipline (exceptions see 10 below).
- (2) Race licences are valid for speed events.
- (3) Race⁽¹²⁾, Speed and Stage Rally licences are valid for Rallycross.
- (4) * When these events are organised in accordance with D4.5, no licence other than a club membership is required for bone-fide members of invited clubs. When these events form part of a Regional Association Championship (D4.5.4.) those competitors participating or scoring in such a championship must hold a Clubmans Competition Licence.
When these events are organised solely for bone-fide members of the organising club, no licence other than a club membership card is required.
- (5) Club membership card valid for Navigator (P24.2)
- (6) Any National 'B' and Rally National 'A' Navigator are valid for Stage Navigator.
- (7) Rally National 'A' Navigator is valid for Stage Navigator.
- (8) Speed National 'A' (Open) or Race National 'A' required for vehicles defined in S7.1 of the Regulations.
- (9) Kart Clubman licence is only valid for Kart Endurance/Kart Tyro events.
- (10) Race National 'A' Licences also valid for Long Circuit Kart events.
- (11) A Kart Bambino event may accept any competitor until the 31st December in the year of their 8th birthday.
- (12) Weight to power ratios have been imposed by FIA according to licence status. Unless otherwise stated reference to International Race requires a minimum licence status of International 'C' Race.

Chart 27 : Minimum Acceptable Entrants' Licences

Status of Event	National A	International UK	International Overseas (Non-FIA Championship)	FIA Championships
Cross Country	National Entrant	International Restricted Entrant	International Open Entrant	International Open valid for FIA
Speed	National Entrant	International Restricted Entrant	International Open Entrant	International Open valid for FIA
Rallies	National Entrant	International Restricted Entrant	International Open Entrant	International Open valid for FIA
Races	National Entrant	International Restricted Entrant	International Open Entrant	International Open valid for FIA
Kart Races	Kart Entrant	Kart Entrant	Kart International Entrant	International Open valid for FIA

NB : A higher grade licence is always valid for lower permit events of the same discipline.

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and may:**

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- Cut across corners
- Leave the road
- Throw up stones
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Common Regulations for

Competitors: Vehicles

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General

1.1. Vehicles competing in events will conform to the Technical Regulations as appropriate.

1.2. Categories of Vehicles. Where the Supplementary Regulations leave any doubt as to the category in which a particular type of vehicle falls for the purposes of the competition, the position shall be governed by the definitions set out in these Regulations.

Competition Car Log Books (CCLB)/ Vehicle Passports (VP)

2.1. Competition Car Log Books/Vehicle Passports are required for certain sporting disciplines, as detailed in the Specific Regulations. CCLBs/VPs are available from International, National, National 'A' or National 'B' Scrutineers. Vehicle inspections can be arranged by appointment with an appropriate local scrutineer.

2.1.1. By reciprocal arrangement the MSA will recognise log books issued by the MSI (Motor Sport Ireland). Such log books are considered valid for competitions within the UK.

2.1.2. To obtain a Log Book/Vehicle Passport, a registration document (where appropriate) of the vehicle, or vehicle identity number is required. A recent good quality colour print photograph (not Polaroid) showing the car static, unoccupied and in tyre contact with the ground must be affixed to the CCLB/VP. Single seat racing cars must be shown side elevation, whilst other categories must show a side front three quarter view to show the side profile and front of the vehicle with the number plate legible.

CCLB/VP continuation sheets may be obtained from the MSA.

2.1.3. CCLBs/Vehicle Passports refer to complete cars and must not be transferred with a bodyshell.

Note: Throughout these sections an asterisk (*) indicates a requirement for additional information to be printed in the Supplementary Regulations (SRs).

Text shown in italics indicates a Regulation which may be amended in the SRs.

2.1.4. Any CCLB/VP issued will remain the property of the MSA, which reserves the right to withdraw or suspend it at any time, stating the reasons why.

2.1.5. CCLBs/VPs must be sent to the MSA Technical Dept for any of the following reasons:

- Issue of new CCLB/VP.
- Change of engine type or capacity.
- Change of ownership. Change of bodyshell.
- Change of address.
- Vehicle disposal or dismantling.
- Change of vehicle colour (with new photo).

Scrutineering (G.7)

3.1. Before taking part in any competition, or practice for any competition, all vehicles must be presented to the event Scrutineers for examination and approval.

3.1.1. The fact of obtaining a Scrutineer's approval at pre-event scrutiny does not indicate that the Scrutineer is accepting any responsibility for the safety or the roadworthiness of the vehicle, nor does it indicate that the vehicle complies in all respects with the Regulations. Please note that pre-event scrutineering or logbook inspection by a scrutineer is only a spot check of a limited number of key safety and eligibility features of a vehicle's condition. Alone it will not guarantee that the vehicle meets all applicable regulations or standards.

3.1.2. Subsequent to pre-event scrutiny, any vehicle involved in an accident, or having been modified in any way, should be represented to the Scrutineers for further examination.

3.1.3. At any time during an event, the Clerk of the Course, or the Scrutineers may order that a vehicle be re-examined, even if this involves stopping a vehicle whilst practising or competing.

3.1.4. At the conclusion of a competition, a number of vehicles, as agreed by the Clerk of the Course and the Scrutineers, or as ordered by the Stewards, or as laid down in the Regulations, may be required to be presented for Post-Event Scrutiny. No work is to be done on such vehicles after finishing the competition except by permission or request of the Scrutineers, until after the examination is completed and the vehicle released. It is the responsibility of the competitor to provide appropriate tools and personnel within an agreed time to carry out the work required.

3.1.5. The Post-Event Scrutiny will be mainly directed at the vehicle's eligibility and may involve parts of the vehicle being sealed for subsequent stripping and examination (C.5.4.1). This should normally be within a maximum of 30 days, although it can be extended by mutual agreement to 50 days. At the end of the season, series or championship, it should never exceed 30 days.

3.1.6. Vehicles, or components, may be sealed on the instructions of the Clerk of the Course, Stewards of the Meeting, the Technical Commissioners, or following a protest. Sealing may be by wire seals, special reactive



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(J) Competitors: Vehicles

paint, or other suitable method. Such seals must not be broken except with the written permission of the person who originally affixed the seal, or of the MSA, or by the person designated to examine the parts in question. The Technical Commissioner or Scrutineer examining the vehicle or component will report his findings to the Clerk of the Course for his action (C.3.1.1).

3.1.7. Approval of a vehicle will only be in relation to those items of the vehicle which have been examined and will only apply to the event which the vehicle has just completed.

Competition Numbers [Chart 4]

4.1. Numbers must be displayed in a durable manner and be black, of a minimum size of 23cm high with stroke width of a minimum of 3.8cm on a white oblong background measuring not less than 48cm x 33cm which must extend at least 5cm beyond the outline of the numbers. Alternatively, the numbers may be displayed on a white circular background provided that the background extends at least 5cm beyond the outline of the numbers.

4.1.1. If on a white vehicle a background of the dimensions in 4.1. must be delineated by a continuous black line, except for cars of period A to E.

4.1.2. Numbers must be displayed on each side of the vehicle (front doors, alongside the cockpit or on rear wing end plates) and on the foremost part of the nose.

4.1.3. Certain types of competition have special requirements which will appear in SRs (Subject to

approval by the MSA) (see U.17.25 to 17.28 for Kart Numbers and Q.11.4. for Circuit Racing).

4.1.4. Note. Consideration should be given at all times to the positive identification of vehicles by the competition organisers, whose decisions will be final.

4.1.5. The numbers must be of the 'Classic' type as shown below:

1-2-3-4-5-6-7-8-9-0.

4.1.6. In International events on both front wings an illustration of the national flag(s) of the driver(s) as well as the name(s) of the latter shall be displayed. Minimum height of both flag(s) and name(s) shall be 4cm.

4.1.7. Any means of identifying individual cars during a competition MUST be removed at the finish of the event.

4.1.8. Race organisers may use three figured numbers subject only to:

- (a) the specific approval of the Chief Timekeeper
- (b) that the white background respects the requirement of 4.1. above, which must extend at least 5cm beyond the outline of the numbers.

Technical

5. The following technical regulations are mandatory and apply to vehicles in all forms of competition (other than Karting). In addition vehicles must comply with the

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move quickly
and may:**

- Run wide on corners
- Cut across corners
- Leave the road
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appropriate Specific Technical Regulations. Where there are several regulations concerning any particular subject it shall be taken, as a general principle, that one does not override another unless specifically stated.

General

5.1. As a general principle in all Technical Regulations, it is prohibited to carry out any tuning or modification that is not specifically permitted. The fact that some modifications are mentioned as prohibited does not imply that others are allowed.

Vehicles that are not exclusively powered by an internal combustion engine are subject to the following regulations, those set out in (K) or SR's as appropriate. Electric and Hybrid Vehicles must comply with FIA App J Article 253, Article 18, or be fully compliant with National Vehicle Type Approval.

5.1.1. Competitors competing under the provisions of H12.1 are permitted to make modifications, additional to those permitted by regulation, solely for the purpose of enabling operation of vehicle control systems.

All vehicles must:

Chassis/Body (including aerodynamics)

5.2.1. Be fitted with bodywork including a driver (and passenger) compartment isolated from the engine, fluid filled batteries, gearbox, hydraulic reservoirs, transmission shafts, chains, belts and gears, brakes, road wheels, suspension components including their operating linkages and attachments, petrol/fuel tanks, oil tanks, water header tanks, catch tanks and fuel system components (other than where such components comply with 5.13.1 and 5.13.2) such as to prevent there being a hazard.

With the exception of cars of Periods A-E, front engine vehicles to be fitted with a bonnet covering the engine and all its' major components.

Excepting for cars of Periods A-E exposed transmission shafts, gears and chains to be guarded such as to prevent their being a hazard.

Where a radiator is not isolated from the driver/passenger compartment a suitable deflector to be fitted to prevent fluid directly coming into contact with the vehicle's occupants.

5.2.2. With the exception of cars of Periods A to E, which in period specification were not equipped with a bonnet or casing of metal or solid flame resistant material covering and surrounding the main engine structure, have a protective bulkhead of non-flammable material between the engine and the driver/passenger compartment capable of preventing the passage of fluid or flame. Gaps must be sealed with suitable flame proof material that completely closes any gap at all times.

Magnesium is prohibited for bulkheads.

5.2.3. Have a complete floor of adequate strength rigidly supported within the driver/passenger compartment.

5.2.4. Not have the space normally occupied by passengers encroached upon in such a way that may impede extrication of the driver from that side, but may have the passenger seats removed.

5.2.5. Deleted.

5.2.6. With the exception of racing cars or cars of A to D be equipped on all wheels with mudguards

which present no sharp edges and cover the complete wheel (flange+rim+tyre) around an arc of 120 degrees. This minimum coverage must:

- a) be achieved with a continuous surface of rigid material within which ventilation louvers may be fitted. The tyre must not be visible when viewed from above. When viewed from the rear, the tyre must not be visible above any point 50mm or more above the axle centre line
- b) extend forward ahead of the axle line
- c) extend downward behind the wheel.

5.2.7. 5.2.7. Aerodynamic devices may only be fitted to Racing and Sports Racing Cars (unless prohibited by an Approved Formula), or where specifically permitted, where FIA homologated, or where complying with National type approval. Such devices must not extend beyond the maximum width of the vehicle, above the maximum height of any roof, or for an open car the maximum height of the ROPS. For Saloon and Sports Cars such devices must not extend longitudinally from the bodywork by more than 100mm. For Sports Racing Cars such devices must not extend longitudinally from the rear wheel axis by more than 1100mm. Racing Cars must comply with Drawing Q19.17.

5.2.8. If originally fitted with driver/passenger doors, hatchback doors, sliding doors, opening boots or tailgates, these must be secured in the closed position during events.

5.2.9. Have effective means of ventilating closed cars.

5.2.10. Tinted glass in any window which can significantly affect through vision (in or out) or distort the colours of signal flags or lights, is prohibited.

5.2.11. With the exception of Cross Country Vehicles, Racing Trucks and Karts, in all vehicles with the driver seated normally, the soles of his/her feet, resting on the pedals in the inoperative position, shall not be situated to the fore of the vertical plane passing through the centre line of the front wheels. Not applicable to vehicles constructed prior to 1.1.99 or for those vehicle designs which have participated in an MSA Permitted Championship prior to 1.1.99.

Seating

5.3.1. Have a normal adequate seat for the driver.

5.3.2. The seat must be rigidly located within the compartment and must not tilt, hinge or fold unless it is a production seat fitted with a serviceable locking mechanism preventing independent operation.

5.3.3. It must support and retain the driver within the vehicle.

5.3.4. The seat cushion (i.e. the part on which the occupant sits) when uncompressed, must not be less than 15.25cm below the top edge of the adjacent body side or door.

5.3.5. Any other seats fitted must similarly comply and all seats must face forward.

5.3.6. Cars of Periods A to D are exempt from this requirement.

5.3.7. If a single seater, the maximum time for a driver to get in or out of the vehicle must not exceed 5 seconds.

Engines

5.4.1. If forced induction is used, the coefficient will be 1.7:1, unless stated otherwise in Specific Technical Regulations or SRs.

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5.4.2. Be equipped with a positive method of throttle closing by means of external spring/springs so that in the event of failure of any part of the throttle linkage the throttle(s) are sprung closed.

5.4.3. Vehicles fitted with electronic throttle control as standard original manufacturer's equipment for that vehicle are exempt from this requirement.

Suspension

5.5.1. Be fitted with sprung suspension between the wheels and the chassis.

5.5.2. Suspension must be controlled to avoid fouling of wheels on chassis or bodywork.

5.5.3. Cars of Periods A and B need not have sprung suspension, if originally built without it.

Brakes

5.6.1. Be fitted with brakes that are operative and capable of stopping the vehicle as required.

5.6.2. Carbon disc brakes are prohibited unless a Standard Part for that vehicle, or specifically authorised by the MSA for a class or category of car.

Steering

5.7.1. Have a steering wheel with a continuous rim not incorporating any reflex angles in its basic shape (except for Drag Race vehicles). 'D' shape wheels are permitted.

5.7.2. Specifically not permitted are wheels having a non-continuous rim shape similar to that shown in the Drawing 5.7.

5.7.3. Cars of Periods A and B may have a tiller or alternative to a steering wheel if it formed part of the original vehicle.

5.7.4. Have steering movement controlled to avoid fouling of wheels on chassis or bodywork.

5.7.5. Rear wheel or four wheel steering is prohibited unless fitted on a Production vehicle by the manufacturer, or permitted under the Specific Technical Regulations, or SRs.

Wheels

5.8.1. Have not less than four road wheels and tyres (excluding the spare).

5.8.2. Not be fitted with any wheel spacer exceeding 2.5cm in thickness or of less than hub diameter. Multiple or Laminated Spacers and extended studs are prohibited.

5.8.3. Have all hub nave plates and wheel embellishers removed.

Tyres

5.9.1. Have tyres complying with Specific Technical Regulations and/or Construction and Use Regulations (if Standard Road Tyres), for the duration of the event.

5.9.2. Tyres, if treaded, must have not less than 1.6mm of tread remaining at the start of an event. Formula Ford 1600 1mm.

5.9.3. Where freedom of choice of tyres is left to the Competitor, the responsibility rests with each Competitor to ensure that the tyres to be used are of adequate rating having regard to the potential speed of their vehicle and the nature of the event.

5.9.4. The fitment and/or use of pressure control valves to wheels and/or tyres is not permitted.

5.9.5. Unless permitted under sporting regulations the use of chemical tyre softeners is not permitted.

Cooling

5.10.1. Have any fluid carrying lines or tubes carrying coolants through the driver/passenger compartment painted red, and if non-metallic to be internally or externally metal braided hydraulic pressure hose.

5.10.2. Screwed hose clips (e.g. 'Jubilee Clips') may only be used in conjunction with a suitably swaged pipe.

Transmission

5.11.1. Have the transmission outside the driver/passenger compartment, beneath the floor or secured in casings or coverings of solid material.

5.11.2. Be equipped with a reverse gear in normal working order unless otherwise stated in Specific Technical Regulations. Racing Cars of Periods A to E are exempt from this requirement.

Oil Systems

5.12.1. Have any oil lines passing through the driver/passenger compartment protected and, if non-metallic, to be of internally or externally metal braided hydraulic pressure hose.

Fuel Systems

5.13.1. Have any fuel lines passing through the driver/passenger compartment protected and, if non-metallic, to be internally or externally metal braided hydraulic pressure hose or fuel lines complying with FIA specifications.

5.13.2. They may only be joined by screwed sealing joints or vehicle manufacturers approved joint.

5.13.3. If fitted with fuel fillers in a closed boot, or under closure, have collector/spill trays incorporated to drain outside the vehicle.

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5.13.4. Use Pump Fuel (see definition Nomenclature and Definitions) except, subject to prior written authority having been given by the MSA, where permitted otherwise under event SRs, and Championship Regulations. Where Authority for FIA specification fuel is given by the MSA the fuel must be in compliance with FIA Appendix J Article 252, Article 9.

5.13.5. If using LPG, the entire system must conform with Construction and Use regulations and LPG Industry Technical Association Code of Practice No. 11.

5.13.6. If using non-pump fuel have a 3 inch diameter 'Day-Glo' orange disc affixed immediately adjacent to the Competition Numbers on both sides.

5.13.7. With the exception of cars competing in Sprint and Hill Climb road going production category, cars competing in British and MSA Titled Championships for, and all new build cars for, Rallycross, Car Racing, Special Stage Rallying, Sprints and Hill Climbs must be equipped with the facility to enable a fuel sample to be taken. For fuel injected cars the facility must be a dry break fuel sampling coupling, approved by the FIA, Competitors must carry and make available a 300mm minimum length of hose to which, where necessary, the appropriate mating part is to be attached.

5.13.8. Have sufficient fuel for a fuel test (D.34) present at any time during the event.

Electrical Systems

5.14.1. Have any wet batteries in driver/passenger compartment enclosed in a securely located leak-proof container.

5.14.2. Have batteries duly protected to exclude leakage of acid and to protect terminals from short circuiting and producing sparks.

5.14.3. With the exception of racing cars be equipped with battery, generator, self-starter, side, tail, and brake lights. All this equipment to be in normal working order. Exceptionally when taking part in an event held totally off the public highway, need not comply with DfT Statutory Requirements regarding lighting or horn.

5.14.4. With the exception of racing cars, or cars of Periods A to C, have headlights in normal working order with glasses of minimum 182.5 sq cm each unless SRs permit their removal.

5.14.5. Have the battery earth lead, if not readily distinguishable, identified by a yellow marking.

5.14.6. If required to have a self-starter, be able to demonstrate during the competition that it is capable of starting the engine.

5.14.7. Engines must be fitted with effective radio interference suppressors.

5.14.8. Any vehicle incorporating an electrical system which may run at a voltage exceeding 50V must display the sign detailed in Drawing 5.14 next to all competition numbers.

Drawing 5.14



Minimum size 75mm x 75mm

5.14.9. If non lead acid batteries are used, they must carry the appropriate "EC" and  markings.

Weight/Ballast

5.15.1. If subject to a minimum weight, that must be the weight of the vehicle in the condition in which it crosses the finishing line (excluding driver and passenger), or at any time during the competition and/or practice (except for certain classes or formulae which include the driver in the total weight).

5.15.2. Any ballast required must be attached to the shell/chassis via at least 4 mounting points using bolts with a minimum diameter of 8mm each with steel counter plates of at least 400 sq mm surface area and 3mm thickness.

5.15.3. Provision must be made for the fixation of seals by scrutineers if deemed necessary.

5.15.4. Where ballast is fitted to touring, sports, sports racing or GT cars it shall be fitted in the passenger's location.

5.15.5. Single seat racing cars are exempt from the above mounting requirements.

Exhausts

5.16.1. Have the exhaust system isolated from the driver/passenger compartment (e.g. beneath the floor or secured in casings of solid material).

5.16.2. Have no part of the exhaust system protruding to the rear of the bodywork more than 15cm.

5.16.3. If Racing Car with rear aerodynamic device, not have any exhaust pipes extending rearwards beyond the aerofoil.

5.16.4. If Racing Car without aerodynamic device, not have exhaust pipes extending more than 60cm beyond the rear wheel axis.

5.16.5. If Rear Engined Single Seater Racing Car, have the exhaust outlet between 4cm and 60cm from the ground.

5.16.6. Have all exhaust outlets terminating behind the mid-point of the wheelbase of the vehicle and within 150mm of the outside of the bodywork periphery in plan view. Side exhausts not to protrude more than 4cm.

For vehicles other than racing cars that are not fitted with enveloping bodywork any side exhaust may not extend beyond the plane through the outside of the front and rear tyres with the front wheels in the straight ahead position. Cars of Periods A to E and Drag race vehicle are exempt from these requirements.

5.16.7. Exhaust catalytic converters must be fitted to all petrol engined production based saloon, touring and sports cars, including specialist production and kit cars, manufactured after 31/12/99. They may be specified for certain other formulae. Competitors are reminded of their obligation to maintain such equipment on a vehicle used on the highway where government legislation requires it.

Silencing

5.17.1. The reason for Silencing (SOUND CONTROL) is to reduce environmental impact and to keep Motor Sport running. Environmental Protection legislation has increased the pressure on activities generating noise and Local Authorities have the power to suppress any noise source deemed to be causing a nuisance. Our system of control is acceptable to most Environmental Bodies and must be considered as part of eligibility to Compete in events.

5.17.2. All competing vehicles are subject to mandatory silencing, unless a specific waiver for that Class, or Formula is granted. Where specified as mandatory, a silencer must be used, irrespective of the exhaust sound generated without it.

5.17.3. Vehicles which comply with the Technical Regulations of FIA Formulae and Championships set out in the current FIA Yearbook and other FIA approved Champion-ships, Series and Cups which are participating in races for such Formulae, Championships, Series and Cups at meetings which have been entered on the FIA International Calendar are exempt from MSA sound test requirements but must comply with the sound test requirements set out in the appropriate Formulae, Championship, Series or Cup Regulations.

5.17.4. Silencing is not mandatory in competitions catering exclusively for the following categories of vehicle but is strongly recommended, and may be made mandatory in the SRs at the request of the Circuit/Venue owners:

- a) All cars of Periods A to D. (This does not include events any part of which takes place on the Public Highway where national laws will apply.)
- b) Formula 1 and other single seater racing cars of Periods E and F.
- c) Drag race vehicles.

5.17.5. For British Formula Three, British GT and British Touring Car Championships the sound test shall be conducted as set out within these regulations with the engine running at 3/4 maximum speed, the sound level meter at a height of 0.5 metres above the ground (± 0.1 metre) located at 45° to and 0.5 metres distant from the exhaust with a maximum permitted sound level of 118dB(a).

5.17.6. Special regulations apply to High Speed Oval formulae and are only applicable when racing on high speed oval circuits.

5.17.7. Temporary Silencers, by-pass pipes or the inclusion of temporary parts to achieve silencing requirements are prohibited. Officials may refuse to carry out Sound Checks on vehicles utilising temporary parts in exhaust systems. Organisers are empowered to exclude in such situations.

5.17.8. Circuit/venue owners/organisers may impose additional restrictions in SRs.

Sound Test Requirements (Chart 5.18)

5.18.1. Measurements will be made at 0.5m from the end of the exhaust pipe with the microphone at an angle of 45° with the exhaust outlet and at a height of 0.5 to 1.0m above the ground.

5.18.2. Where more than one exhaust outlet is present, the test will be repeated for each exhaust and the highest reading will be used. In circumstances where the exhaust outlet is not immediately accessible, the test may be conducted at 2.0m from the centre line of the vehicle at 90° to the centre line of the vehicle, with the microphone 1.2m above the ground.

5.18.3. Measurements should be made outdoors with no large reflecting objects (e.g. walls etc.) within 3.0m (in the 0.5m test) or within 10.0m (in the 2.0m test).

5.18.4. Background sound levels should be at least 10dB(A) below the measured level.

5.18.5. Where possible measurements should be taken as close as possible to the vehicle, at the defined distances, to avoid background noise.

5.18.6. Cars of Periods A to D falling within Sections C and D should run engines at two thirds maximum RPM.

5.18.7. The 2.0m test can be made from either side of the car.

5.18.8. The highest reading registered being the one needing to comply with the maximum noise requirements.

5.18.9. Sound testing should be carried out BEFORE taking part in any competition.

5.18.10. The time and location of sound testing should be advised to competitors prior to the event.

5.18.11. It is stressed that all participants in motor sport, competitors, officials, marshals, etc., should be aware of, and protect themselves from, noise.

Safety

5.19.1. All vehicles must comply with Safety Regulations as itemised under their Specific Technical Regulations and as detailed under the section headed Competitor Safety (Section K).

5.19.2. The vehicle occupant(s), seated in their normal position, wearing normal equipment, with seat belts fastened and the steering wheel in place, must be able to evacuate the cockpit in a maximum of 7 seconds.

Miscellaneous

5.20.1. Be of sound construction and mechanical condition and be well maintained.

5.20.2. Have positive fastenings for all doors and all hinged or detachable parts of the bodywork.

5.20.3. Have no temporary parts incorporated in their construction.

5.20.4. Not necessarily be equipped with seat belts, speedometer, spare wheel or bumpers if the event is held on private property unless specified to the contrary by SRs. Any exposed sharp ends of bumpers etc., must be protected.

5.20.5. Be prohibited from carrying cameras/videos unless authorised by the Chief Scrutineer and Event Organiser.

5.20.6. Not be a vehicle of commercial type, such as a van/pick-up which was initially intended solely for commercial or goods carrying, unless permitted by SRs.

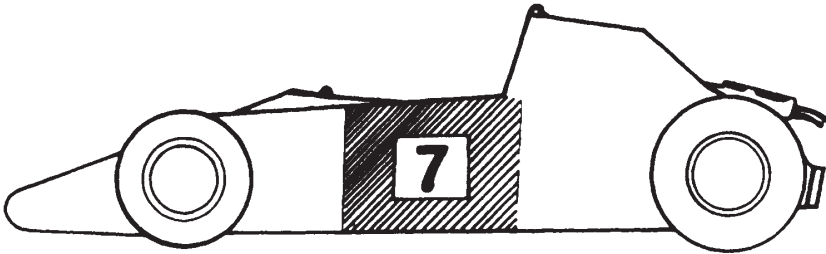
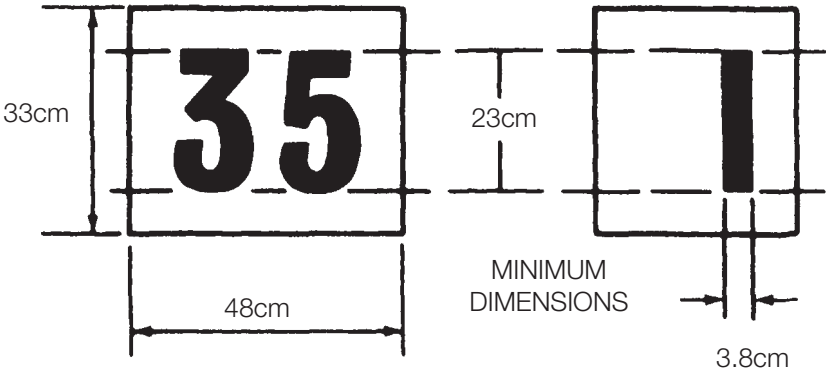
5.20.7. Have a minimum distance of 183cm between the centre lines of the foremost front and rearmost rear substantial load-carrying wheels, unless complying with an Approved Formula, or being a standard production car.

5.20.8. Except for racing cars, be fitted with a windscreen. If plastic windscreen, side screens or rear windows are fitted the thickness must not be less than 4mm.

5.20.9. Sports cars supplied as standard with plastic side screens may retain them in their original thickness.

5.20.10. Not have skirts, bridging devices or any form of aerodynamic device between the chassis and the

Drawing 4: Competition Numbers



Drawing 5.7: Steering



Common Regulations for Competitors: Safety

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Reference should be made to the appropriate sections in the specific regulations as to which of the following are mandatory or recommended for any particular branch of motor sport.

Roll-Over Protection Systems

Introduction

1. The following are various specifications and configurations that can be used in manufacturing, preparing and installing Roll-Over Protection Systems (ROPS) into Production Cars, Touring Cars Saloon and Sports Cars (1.5.1), Sports Racing Cars (1.5.2), Single Seaters (1.5.3), and other forms of Competition Vehicles (1.5.4). The details covered in this section give many permutations, the MSA mandatory requirements

Note: Throughout these sections an asterisk(*) indicates a requirement for additional information to be printed in the Supplementary Regulations (SRs).

Text shown in Italics indicate a Regulation which may be amended in the SRs.

are the minimum acceptable. Care should be taken to check FIA International requirements for Groups, Classes and Formulae which may not be covered by this section, which is for MSA National 'A' and lower status events.

Definitions

1.1.1. Safety Cage. A structural framework designed to prevent serious bodysell deformation in the case of a collision or a car turning over.

1.1.2. Rollbar. Structural frame or hoop and mounting points.

1.1.3. Rollcage. Structural framework made up of a main rollbar and a front rollbar (or two lateral rollbars), their connecting members, one diagonal member, backstays and mounting points (see drawings K5 and K6).

1.1.4. Main Rollbar. Structure consisting of a near-vertical frame or hoop located across the vehicle just behind the front seats.

1.1.5. Front Rollbar. Similar to main rollbar but its shape follows the windscreen pillars and top screen edge.

1.1.6. Lateral Rollbar. Structure consisting of a near-vertical frame or hoop located along the right or left hand side of the vehicle. The rear legs of a lateral rollbar must be just behind the front seats. The front leg must be against the screen pillar and dashboard such that it does not unduly impede entry or exit of driver or co-driver.

1.1.7. Longitudinal Member. Longitudinal tube which is not a part of the main, front or lateral rollbar, for example, a backstay.

1.1.8. Diagonal Member. Transverse tube between a top corner of the main rollbar or upper end of a backstay and a lower mounting point on the opposite side of the rollbar or backstay.

1.1.9. Framework Reinforcement. Reinforcing member fixed to the rollcage to improve its structural efficiency.

1.1.10. Reinforcement Plate. Metal plate fixed to the bodysell or chassis structure under a rollbar mounting foot to spread load into the structure.

1.1.11. Mounting Foot. Plate welded to a rollbar tube to permit its bolting or welding to the bodysell or chassis structure, usually onto a reinforcement plate.

1.1.12. Removable Members. Structural members of a safety cage which are able to be removed.

1.1.13. Harness Bar. A transverse tubular member attached across either the main hoop or backstays to accept harness mountings.

Specifications

1.2.1. ROPS must be designed and made so that, when correctly installed, they substantially reduce the risk of injury to the occupants. The essential features of an efficient ROPS are that it is designed to suit the particular vehicle, is of sound construction, has

adequate mountings and is a close fit to the bodyshell.

1.2.2. The ROPS must not unduly impede Driver and Co-Driver access to the vehicle. Members may intrude into the interior space by passing through the dashboard, front side-trim, rear side-trim and rear seats, which may be folded down. ROPS must not extend beyond the front upper or rear suspension mounting points of the vehicle. Any modification to a homologated ROPS (other than fitment of doorbars) is prohibited. Tubes must not carry any fluids.

1.2.3. Compulsory Diagonal Member. Different ways of fitting the compulsory diagonal member (see drawings K5 and K6). The combination of several members is permitted.

1.2.4. Optional Reinforcing Members. Each type of reinforcement (see drawings K7 to K12) may be used separately or combined with others.

1.2.5. Deleted.

Technical Specifications

1.3.1. Main, Front and Lateral Rollbars. These frames or hoops must be made in one piece without joints. Their construction must be smooth and even, without ripples or cracks. The vertical part of the main rollbar must be as straight as possible and as close as possible to the interior contour of the bodyshell. The front leg of the front rollbar or a lateral rollbar must be straight, or if it is not possible, must follow the windscreen pillars and have only one bend unless a windscreen pillar reinforcement [1.3.5(e)] is fitted.

The mounting foot must not be rearward of the foremost point of the rollbar.

Where the main rollbar forms the rear legs of a lateral rollbar (see drawing K6), the connection to the lateral rollbar must be at roof level. To achieve an efficient mounting to the bodyshell, the original interior trim may be modified around the safety cage and its mountings by cutting it away or by distortion. However, this modification does not permit the removal of the complete parts of upholstery or trim. Where necessary, the fusebox may be relocated to enable a rollcage to be fitted.

1.3.2. Mounting of ROPS to the Bodyshell.

Minimum mountings are:

- 1 for each leg of the main or lateral rollbar.
- 1 for each leg of the front rollbar.
- 1 for each backstay (see 1.3.3).

Each mounting foot of the front, main and lateral rollbars must include a reinforcement plate of a material of at least the same thickness as the wall of the tube to which it is being welded (minimum 3mm).

Each mounting foot must be attached by at least three bolts, minimum M8 150 grade 8.8, on a steel reinforcement plate at least 3mm thick and of at least 120cm² area which is welded to the bodyshell (see drawings K13 to K18). The mounting feet may alternatively be welded direct to the reinforcement plate. This does not apply to backstays (see 1.3.3).

1.3.3. Backstays. These are compulsory and must be attached near the roofline and near the top outer bends of the main rollbar on both sides of the car. They must make an angle of at least 30° with the vertical, must run rearwards and be straight and as close as possible to



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the interior side panels of the bodyshell. Their materials specification, diameter and thickness must be as defined in 1.4.1.

Their mountings must be reinforced by plates. Each backstay should be secured by bolts having a cumulative section area at least two thirds of that recommended for each rollbar leg mounting in 1.2.2 above, and with identical reinforcement plates of a least 60cm² area (see drawing K19).

A single bolt in double shear is permitted, providing it is of adequate section and strength (see drawing K20) and provided that a bush is welded into the backstay. The mounting feet may alternatively be welded direct to the reinforcement plate.

1.3.4. Diagonal Members. At least one diagonal member must be fitted. Their location must be in accordance with drawings K5 or K6 and they must be straight. The combination of several diagonal members is permitted.

Where two diagonals in the form of a cross are used, at least one of the diagonals must be a single piece tube.

The attachment points of the diagonal members must be so located that they cannot cause injuries. They may be made removable but must be in place during events. The lower end of the diagonal must join the main rollbar or back-stay not further than 100mm from the mounting foot. The upper end must join the main rollbar not further than 100mm from the junction of the backstay joint, or the backstay not more than 100mm from its junction with the main rollbar.

They must comply with the minimum specification set out in 1.4.1. A diagonal member fixed to the bodyshell must have reinforcement plates as defined in 1.3.3.

1.3.5. Optional Reinforcement of ROPS. The diameter, thickness and material of reinforcements must be as defined in 1.4.1. They must be either welded in position or installed by means of demountable joints. Reinforcement tubes must not be attached to the bodyshell.

(a) Transverse Reinforcing Members:

The fitting of two transverse members as shown in drawing K9 is permitted. The transverse member fixed to the front rollbar must not encroach upon the space reserved for the driver or co-driver. It must be placed as high as possible but its lower edge must not be higher than the top of the dashboard.

(b) Doorbars (for side protection):

Longitudinal members must be fitted at each side of the vehicle (see drawings K9 and K12). They may be removable.

The side protection must be as high as possible but not higher than one half of the total height of the door aperture measured from its base.

Where two members in the form of a cross are used, at least one of the members must be a single piece tube.

(c) Roof Reinforcement:

Reinforcing the upper part of the rollcage by adding members as shown in drawing K10 is permitted.

(d) Reinforcement of bends and junctions:

The reinforcement of the junction between the main rollbar or the front rollbar and the longitudinal members is permitted as shown in drawing K12 as is the reinforcement of the top rear bends of the lateral rollbars.

The ends of these reinforcing tubes must not be more than half way down or along the members to which they are attached.

(e) Windscreen Pillar Reinforcement:

A tube the upper end of which must be less than 100mm from the junction between the front (lateral) rollbar and the longitudinal (transversal) member and the lower end less than 100mm from the front mounting foot of the front (lateral) rollbar, as shown in drawing K62.

The tube may be bent on condition that it is straight in side view and that the angle of the bend does not exceed 20°.

1.3.6. Protective Padding. Where the driver's or co-driver's bodies or crash helmets could come into contact with the ROPS, non-flammable padding should be provided for protection (1.6.6).

1.3.7. Removable Members. Should removable members be used in the construction of a ROPS, the demountable joints used must comply with an approved type (see drawings K21 to K30). The screws and bolts must be of adequate diameter and of ISO Standard 8.8 or better. FIA homologated demountable joints are also permitted.

Demountable joints must not be used as part of a main, front or lateral rollbar because they act as hinges in the principal structure and allow deformation. Their use is solely for attaching members to the rollbars and for

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attaching a lateral rollbar to a main rollbar (see drawing K2). In this last case, hinged joints in drawings K21 to K30 must not be used.

1.3.8. Guidance on Welding. All welding should be of the highest possible quality with full penetration and preferably using a gas shielded arc. Although good external appearance of a weld does not necessarily guarantee its quality, poor looking welds are never a sign of good workmanship. When using heat-treated steel the instructions of the manufacturer must be followed (special electrodes, gas protected welding). It is to be emphasised that the use of heat-treated or medium carbon steels may cause problems and that bad fabrication may result in a decrease in strength (caused by brittle heat-affected zones) or inadequate ductility.

1.3.9. Harness Bars. Minimum dimensions 38mm x 2.5mm or 40mm x 2.0mm. Cold Drawn Seamless Carbon Steel with minimum tensile strength of 350N/mm². Harness straps may be attached by looping around the tube or by threaded fixings using inserts as drawing No. 44 welded into the tubes(s).

Material Specifications

1.4.1. Specifications of the tubes used:

Minimum Material

Cold Drawn Seamless Unalloyed Carbon Steel, containing a maximum of 0.3% of carbon.

Note: For an unalloyed carbon steel the maximum content of additives is 1.7% for manganese and 0.6% for other elements.

Minimum Yield Strength

350 N/mm²

Minimum Dimensions (Ø in mm)

a) Mandatory tubular members

45 x 2.5 (1.75" x 0.095") or 50 x 2.0 (2.0" x 0.083").

38 x 2.5 (1.5" x 0.095") or 40 x 2.0 (1.6" x 0.083").
(For roll cages/bars approved prior to 1.1.95).

b) Optional tubular members

38 x 2.5 (1.5" x 0.095") or 40 x 2.0 (1.6" x 0.083").

1.4.2. In selecting the steel, attention must be paid to obtaining good elongation properties and adequate weldability.

1.4.3. The tubing must be bent by a cold working process and the centreline bend radius must be at least three times the tube diameter. If the tubing is ovalised during bending, the ratio of minor to major diameter must be 0.9 or greater.

Exceptions

The only exceptions to the foregoing requirements for Saloon, single seater and Sports Cars are as follows:

1.5.1. ROPS manufacturers may make application to the MSA for a Roll Over Protection System (ROPS) Certificate to be issued.

Note: ROPS manufacturers wishing to make application for such a certificate should contact the MSA Technical Department in order to obtain details of the requirements to be met and the fees payable. Subject to these requirements being met a ROPS Certificate will be raised and issued. Duly authorised copies of this certificate containing a drawing, photographs, a copy of the manufacturers declaration that the ROPS meets

the required regulations should be available to event Scrutineers.

1.5.2. Each ROPS manufactured after 1.1.97 for which the MSA or the FIA has issued a ROPS (Rollcage) Certificate must bear an identification plate which details the manufacturer and the manufacturer's part number allocated to the cage. Details of this identity plate are to be included on the ROPS (Rollcage) certificate.

Vehicle Categories Covered

1.6.1. Series Production, Touring and Sports Cars.

- (a) Production cars, Touring Cars, Sports cars up to 2,000cc – Basic rollbar/rollcage complying with K1 or K2.
- (b) Production Cars and Touring Cars over 2,000cc – Rollbar/rollcage complying with K3 or K4.
- (c) Sports cars over 2,000cc – Rollbar/rollcage complying with K3 or K4 or K60(i) & (ii) and K31.

The different possibilities of installing the optional reinforcing members to the rollcage are shown in drawings K7 to K12.

Each type of reinforcement (drawings to K7 to K12) may be used separately or combined with one or several others).

These reinforcements can be installed in each of the basic rollcages (drawings K1 to K4).

Minimum material

As defined in 1.4.

Note: For all the ROPS which are FIA homologated after 1.1.2000 for Touring cars, the presence of the ROPS in the door aperture must comply with the following criteria (see drawing No. 43 in this section).

Dimension A must be a minimum of 300mm.

Dimension B must be a maximum of 250mm.

Dimension C must be a maximum of 300mm.

Dimension D (Measured from the upper corner of the windscreen, without the seal) must be a maximum of 100mm.

Dimension E must not be more than half height of the door aperture.

MSA Certified and non-homologated ROPS constructed after 1.1.2001 in accordance with drawing 12 must also comply with the above dimensions.

Vehicles of Periods A-Z as defined within the current FIA yearbook for which a valid FIA Historic Technical Passport (HTP) has been issued – be fitted with a rollbar/rollcage as specified within the HTP issued for each individual vehicle and with that vehicle being in compliance with that specification.

1.6.2. Sports Racing Cars

The rollbar must conform to drawing K1 with diagonal brace (drawings K6 and K31). Forward facing stays are permitted for open Sports Racing Cars.

Minimum height 92cm measured along the line of the driver's spine from the bottom of the car seat.

Minimum material

Cold drawn seamless Carbon Steel 350N/mm²

Minimum dimensions

48.3 dia. x 2.6mm.



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1.6.3. Single Seater Racing Cars

The rollbar must be symmetrical about the lengthwise centre-line of the car and of minimum height 90cm measured vertically from the base of the cockpit or 92cm measured along the line of the driver's spine from the bottom of the car seat. There must be at least one brace rearwards from the top of the rollbar at an angle not exceeding 60° with the horizontal, this brace must be the same diameter as the rollbar, if two braces are fitted to the tube the diameter may be reduced to 26mm the wall thickness being maintained. Where two braces are fitted, they may be rearward or forward facing.

The width inside the roll-over bar main tubes must be 38cm minimum measured 60cm above the base of the seat. It must incorporate a crossbrace to restrain the driver's head and give rearward support. The top hoop radius must not be less than 10cm measured at the centre line of the tube.

Minimum material

Cold drawn seamless Carbon steel 350N/mm²

Minimum dimensions

42.4 dia. x 2.6mm.

1.6.4. Other Considerations

- (a) An effective rollbar must be fitted with its top edge not less than 5cm above the helmet of the normally seated driver. It must be wider than the driver's shoulders at that height. It must be constructed of good quality seamless steel tubing of minimum 35mm diameter and wall thickness of 2mm. It should have the top bar straight or slightly curved but no tubes meeting in an inverted 'V'. It must be effectively braced to structural members.
- (b) Non-standard cars are advised to fit a rollbar to the following minimum requirements. Minimum height 72cm from the rear of the uncompressed seat cushion. It must have minimum flat width of 38cm running into radiused corners and affording driver and passenger equal protection. It must be effectively mounted and braced to structural members forward and aft of the cockpit and not less than cockpit width. It must be constructed of good quality seamless steel tubing of minimum 32mm diameter and wall thickness of 1.5mm.

1.6.5. ALL aluminium alloy Roll Cages are prohibited.

1.6.6. It is recommended that rollbar/rollcage tubes within 150mm of a vehicle occupant's helmet be covered with a suitable energy absorbing material. A number of suitable materials are homologated by the FIA who publish specific regulations for the fitment of such materials for vehicles participating in International Events.

Aerodynamics

1.7. The use of a rollbar to achieve or supplement aerodynamic effects is prohibited.

Future

1.8. It is to be noted that the FIA publishes Regulations concerning ROPS for use in International competition. The MSA aligns itself with these regulations wherever possible.

Seats, Seat Belts and Headrests

2.1. All seat safety belts must be complete units sourced from a recognised manufacturer and fitted in accordance with the manufacturers' instructions, MSA recommendations or FIA requirements. (See Drawing Nos. 39, 40, 41, 42 and 44.)

Where the vehicle manufacturer's standard safety belts and associated fittings are not utilised, bolts must be of a minimum 7/16in UNF or M12 (grade 8.8).

2.1.1. **Three point.** One diagonal shoulder strap and one lap strap, with three anchorage points on the chassis/body shell or roll over bar of the vehicle on either side and to the rear of the driver's seat.

2.1.2. **Four point.** Two shoulder straps and one lap strap, with four anchorage points on the chassis/body shell or roll over bar of the vehicle, one either side of the driver and two to the rear of the driver's seat.

2.1.3. **Five point.** Two shoulder straps, one lap strap and one strap between the legs with five anchorage points on the chassis/body shell or roll over bar of the vehicle, one either side of the driver, two to the rear of the driver's seat and one between the legs.

2.1.4. **Six Point.** Two shoulder straps, one lap strap and two straps between the legs, with six anchorage points on the chassis/body shell or roll over bar of the vehicle, one either side of the driver, two to the rear of the driver's seat and two between the legs.

2.1.5. Where safety harnesses are mandatory it is recommended that those described in 2.1.2, 2.1.3 and 2.1.4 are homologated by the FIA and carry their label.

2.1.6. It is permitted to make a hole in series production seats to allow secure anchoring of seat belts.

2.1.7. All seat belts used on International events must be homologated by the FIA, and carry their label.

2.1.8. It is not permitted to mix parts of seat belts. Only complete sets as supplied by manufacturers are to be used.

2.1.9. Only one release mechanism is permitted on each seat belt configuration and this must be available for the wearer to operate whilst seated in the competing position.

2.1.10. The anchorage points to the rear should be positioned so that the strap from the shoulder is as near horizontal as possible. It should not be located on the floor directly behind the driver/co-driver.

2.1.11. Seat belts once involved in a serious accident should be discarded as they are likely to have stretched. Belts subjected to oil, acid or heat should be replaced.

2.2. **Seats.** All seats should be correctly located and securely anchored in such a way as to allow no movement in squab or backrest. When installing a Competition Seat, carry out the following checks before selection or purchase:

- (a) Study the requirements of the vehicle concerned and ask the manufacturer's advice and recommendations.
- (b) Check that the seat is suitable for the type of forces to which it could be subjected. These will include fore and aft and lateral loadings.

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- (c) Check that the seat carries full instructions for installation in your vehicle.
- (d) Check that suitable mounting installations are available from the manufacturer.
- (e) Ask the manufacturer to confirm that the seat frame is suitable for your Motor Sport discipline.
- (f) If the original seat attachments or supports are changed, the new parts must either be approved for that application by the seat manufacturer or must comply with the following specifications (see drawing No. K32).

2.2.1. Supports must be attached to the shell/chassis via at least 4 mounting points per seat using bolts with a minimum diameter of 8mm and counterplates, according to drawing No. K32. The minimum area of contact between support, shell/chassis and counterplate is 40 sq cm for each mounting point. In Series Production Cars manufacturers' standard seat mounting points may be used. If quick release systems are used, they must be capable of withstanding vertical and horizontal forces of 18000N, applied non-simultaneously. If rails for adjusting the seat are used, they must be those originally supplied with the homologated car or with the seat.

2.2.2. The seat must be attached to the supports via 4 mounting points, 2 at the front and 2 at the rear of the seat, using bolts with a minimum diameter of 8mm and reinforcements integrated into the seat.

Each mounting point must be capable of withstanding a force of 15000N applied in any direction.

2.2.3. The minimum thickness of the supports and counterplates is 3mm for steel and 5mm for light alloy materials. The minimum longitudinal dimension of each support is 6cm.

2.3. Headrests. On all vehicles where it is not mandatory (13) it is strongly recommended that a head restraint in the form of a headrest be fitted, as near to the driver's/co-driver's helmet as possible, to prevent whiplash of the neck and spine in case of impact. It is recommended that they comply with 13.

Fire Extinguishers

3. A fire extinguisher/extinguishing system must be carried on all vehicles, the minimum requirement being that the system be charged with one of the permitted extinguishants and be operable by the driver whilst normally seated either by manual operation or by a mechanically/electrically assisted triggering system.

It is recommended that all extinguishers are serviced in accordance with the manufacturers guidelines, or every 24 months, whichever is sooner.

3.1. Capacities. Extinguishers are classified as Small, Medium or Large, and designated as Hand-Held or Plumbed-In. Dry powder extinguishers are prohibited.

3.1.1. Small, Hand operated.

3.1.2.

- (a) Medium, Plumbed-In, for discharge into both cockpit and engine compartment.
- (b) Medium, Hand-Operated, for discharge into both cockpit and engine compartment.

3.1.3. Large, Plumbed-In, for discharge into both cockpit and engine compartment.

3.1.4. Large, Plumbed-In, for discharge into Engine compartment, plus Medium, Hand-Held for Driver or Rally Co-driver use.

3.1.5. Hand-operated for cockpit (International).

3.1.6. Permitted Extinguishants AFFF, ZERO 2000. (See Table 3.)

Copies of the list of FIA/MSA approved plumbed systems are available from the MSA.

3.2. Plumbed-In Systems (If AFFF they must be FIA/MSA homologated).

3.2.1. The Large unit should have two points of triggering, one for the driver (and Co-driver in Rallies) and one outside the car for activation by Marshals etc.

3.2.2. The triggering point from the exterior must be positioned close to the Circuit Breaker (or combined with it) and must be marked by the letter 'E' in red inside a white circle of at least 10cm diameter with a red edge.

3.2.3. In installing units, the direction of nozzles should be carefully considered, Induction, Exhaust, Ignition and Fuel pumping systems being the most likely areas for fire to occur.

3.2.4. Where possible sources of fire exist outside the engine or cockpit areas (i.e. front mounted fuel tanks) advice can be sought from the MSA concerning plumbed-in system installations.

3.2.5. All bottles should discharge simultaneously and must be operable in any position of the car even if inverted.

3.2.6. The fitting of a pressure gauge is recommended (mandatory for pressurised AFFF units).

3.2.7. Method of Operation: The preferred method of operation is electrical which should have its own source of energy for triggering, ideally with provision for checking the integrity of the systems triggering circuit.

3.2.8. Mechanically operated systems, if used, should be fitted with 'Total Discharge' valves (i.e. ones that continue to discharge even if the operating mechanism should fail after triggering).

Hand-held extinguishers which have been adapted, by addition of pull-cables, rarely have the capability of being operated in varying positions and are not acceptable.

3.2.9. Weight checking: Extinguisher systems should be capable of being dismantled for the purpose of checking the weight of the extinguishant and the integrity of the cylinder, also to enable the operating system to be serviced without discharging the contents. The tare weight of the unit must be marked on the cylinder.

3.2.10. Installation: Particular attention should be paid to the installation and maintenance of any system, especially if it is mechanically operated. Pull cables should be fitted in such a way that no kinks or 'S' bends are formed which could cause malfunction.

3.2.11. A list of plumbed-in extinguisher kits that are approved by the MSA is available on request.

3.3. During events:

3.3.1. All plumbed-in extinguisher systems must be in an 'ARMED' condition (i.e. be capable of being operated without the removal of any safety device) at all times whilst competing or practising in races or speed

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events (including during post-event scrutineering), and at all times that crash helmets are worn on rallies (i.e. on Stages etc.).

3.3.2. Any plumbed-in extinguisher system found to be incapable of being operated will be the subject of a report to the Clerk of the Course/Stewards for possible penalty as an offence against Safety Regulations.

3.3.3. Checking for correctly 'Armed' extinguisher systems, should only be carried out by MSA Scrutineers, and/or Judges of Fact nominated for that purpose.

3.4. Hand-held extinguishers.

3.4.1. Must not be carried loose but should be retained in positive quick release brackets, secured to the vehicle by a minimum of two 6mm bolts.

3.4.2. Extinguishers with pressure gauges are recommended.

3.4.3. The tare weight of the unit must be clearly marked on the cylinder.

3.5. General.

It is recommended that all fire extinguisher bottles be securely mounted within the main structure of the vehicle. It is prohibited to mount bottles of over the medium capacity outside the main structure.

Safety Fuel Cells

4.1. The FIA approved standard for Safety Fuel Cells is FIA/Spec./F3 and FT.5. Fuel cells complying with this standard are only manufactured by authorised companies and bear the name of the company, specification, code and date of manufacture stencilled on each cell. No other cells are approved by the FIA.

4.2. Under FIA regulations the homologation expires once the cell is five years old. The validity of this homologation may be extended for a further two years if the cell is inspected and recertified by the original manufacturer.

4.3. It is recommended that any safety cell is periodically inspected on a regular basis.

Red Warning Light

5.1. A rearward facing red warning light of a minimum of 21 watts, with surface area minimum 20cm², maximum 40cm², or of 21 watts with a surface area minimum of 50cm² and with lens and reflector to EU Standards, must be located within 10cm of the centre line of the vehicle and be clearly visible from the rear. Vehicles fitted with full width bodywork may alternatively use two lights equally located about the vehicle centre line. An alternative light unit of equal or enhanced constant luminosity or LED lights that are either homologated by the FIA or comply with relevant EU Regulations may be used.

5.2. The warning light must be switched on when visibility conditions are reduced, or as detailed within championship and/or event regulations, or when so instructed by the Clerk of the Course.

Tank Fillers, Vents and Caps

6. Tank fillers and caps must not protrude beyond the bodywork or be situated within the driver/passenger compartment. The caps must have an efficient locking action to reduce the risk of opening during an accident and to ensure closing after refuelling (14.1.2). Air vents must be at least 25cm to the rear of the cockpit and must be designed to prevent the escape of fuel should the vehicle be inverted. It is recommended that a non return valve is incorporated in the vent system. The entire fuel tank area 'Licked by the open air stream' must incorporate a crushable structure as follows:

Crushable Structure

7.1. The crushable structure should be a sandwich construction based on a fire resistant core of minimum crushing strength 25lb/sq in. It is permitted to pass water pipes through this core.

7.2. The minimum thickness of the sandwich construction must be 10mm. The fore and aft fuel tank area, however, must provide for a crushable structure of at least 100mm thickness at its thickest point, the position of this widest point to be at the constructor's discretion, over a length of at least 35cm after which it may be generally reduced to 10mm.

7.3. The sandwich construction must include two sheets of 1.5mm thick aluminium sheet having a tensile strength of 14 tons/sq in and minimum elongation of 5%.

7.4. All oil tanks mounted outside the main chassis structure must be surrounded by crushable structure of minimum thickness 10mm.

External Circuit Breaker

8.1. The circuit breaker, when operated, must isolate all electrical circuits with the exception of those that operate fire extinguishers.

8.2. The triggering system for the circuit breaker on saloons should be situated at the lower part of the windscreen mounting, preferably on the driver's side or below the rear window.

8.3. On Open Cars the triggering system should be situated on the lower main hoop of the Roll-over Bar on the driver's side or at the lower part of the windscreen mounting (as above).

8.4. Alternatively on cars of Periods A to F the mounting point may be mounted approximately vertically below the line of the scuttle on the driver's side.

8.5. The triggering system location must be identified by a Red Spark on a White-edged Blue triangle (12cm base), and the 'On' and 'Off' positions clearly marked.

Overalls

9.1. Clean Flame-Resistant overalls, must be worn to cover from ankle to wrist to neck.

Acceptable standards:

9.1.1. Racing:

FIA 8856-2000

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9.1.2. Special Stage Rallies, Sprints and Hill Climbs:

FIA 8856-2000

FIA 1986 Standard

9.1.3. Karting:

As defined in U.13.3.

9.1.4. All Other Events (including overalls in accordance with Q.13.1.2):

BS6249 part 1 Index A or B (but not part C).

BSEN533

EN533:1995 Index 3

ISO 14116

FIA 8856-2000

FIA 1986 Standard.

9.1.5. For FIA Standard Overalls the homologation label will be stitched into the fabric of the garment or on a sewn in label. For International use overalls must comply with: FIA 8856-2000

9.1.6. As with any item of safety equipment, evidence of damage or excessive wear can render it unsuitable for use. In the case of overalls this could include over frequent, or incorrect, washing, broken seams or stitching and worn patches. Two piece overalls should be avoided, but if worn must overlap and provide flame resistant coverage.

9.1.7. Due to the complex nature of national test standards and variations of detailed testing it is not possible to quote 'equivalents' from foreign national standards unless they are FIA approved as detailed above.

National test standards are in the process of being superseded by European norms (CE Marks), which will provide a common standard throughout Europe.

9.1.8. Individual competitors are responsible for ensuring their own safety and that appropriate flame resistant overalls are worn when mandatory.

9.1.9. Competitors are also strongly advised to wear Flame Resistant gloves, socks, balaclavas and underwear.

Plastic shoes (such as trainers) should be avoided.

9.1.10. Specific regulations concerning Flame Resistant gloves, socks, balaclavas and underwear are published by the FIA and applicable to International events.

9.2. Exceptionally, drivers of three wheeled cars,

competing in accordance with A2.2.1 may wear ACU or FIM approved leather overalls.

9.3. When a name appears on a driver's helmet or overalls, this must be the name of the person wearing them.

Crash Helmets

10.1. Crash helmets bearing an MSA approval sticker must be worn at all times during training, practice and competition. The user must ensure that the helmet is to a standard currently specified (10.3.1), that it fits properly, is secured properly and that it is in a



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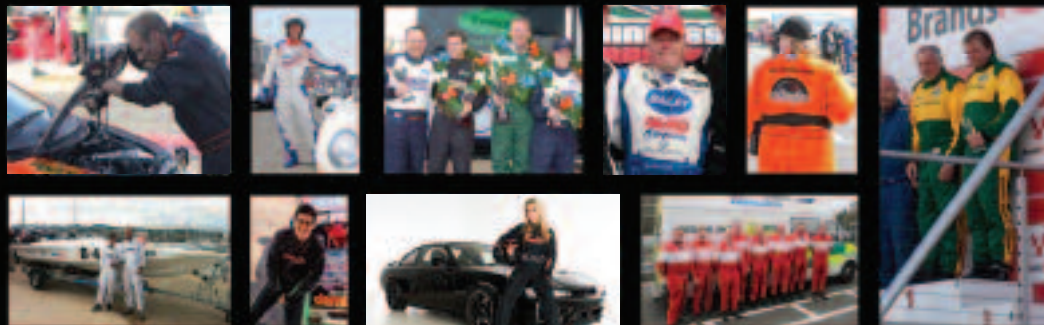
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serviceable condition. It is strongly recommended that a flame resistant balaclava, helmet bib or face mask also be worn.

10.2. Total protection can never be given by any headgear, and the best of crash helmets may not entirely prevent head injury or death in a severe accident. Helmet users must understand that helmets are deliberately constructed so that the energy of a severe blow will be absorbed by the helmet and thereby partially destroy it. The damage may not be readily apparent; it is essential therefore that any helmet receiving a blow in an accident is either replaced or returned to the manufacturer for competent inspection – this of necessity must be the responsibility of the helmet user, who will have been aware of the circumstances under which the helmet was struck. It is not possible nor indeed reasonable to expect the scrutineer, in every case, to observe significant damage. Where there is any doubt about the helmet's fitness for its intended purpose then the Chief Scrutineer is empowered to remove the MSA Approval Sticker and impound the helmet for the duration of the meeting. This should be a rare occurrence since competitors must appreciate that, once a helmet has served its purpose, it is not only sensible but necessary to replace it. It is the competitor himself who must ensure that the helmet which he uses is fully fit for its purpose; it is clear that this is a small insurance to pay for one's life. The competitor also might consider that, should he survive an accident, but receive head injuries having knowingly used a previously damaged helmet, he could be placing an enormous burden of care upon his family.

10.2.1. Impounding of helmets

Case 1 Pre-Event. If the helmet does not conform with the required Standards or is in a poor or dangerous condition, the Chief Scrutineer will impound the helmet for the duration of the Meeting, removing the MSA sticker. At the close of the Meeting the helmet will be returned, as received, with the exception of the MSA sticker, to the competitor concerned.

Case 2 Accident during the Event. If the competitor is injured and the helmet is damaged, the Chief Scrutineer will impound the helmet and remove the MSA sticker then seek the advice of the Steward as to further action.

Case 3 Accident during Event and competitor evacuated to hospital with head injuries. The Chief Scrutineer will make sure that the helmet has been seen by the Chief Medical Officer, he will then impound the helmet and remove the MSA Sticker. Unless the Chief Medical Officer wishes to retain the helmet it must be despatched to the Technical Department at the MSA. Unless specifically called for by the competitor it will be disposed of after six weeks.

10.3. The competitor is reminded of the following essential criteria when buying or using his helmet:

- (a) Correct Standard.
- (b) Correct Fit.
- (c) Security.
- (d) Condition.

10.3.1. Standards. Helmets bearing one of the under mentioned 'standards' may be approved by the MSA

subject to other criteria being met. See also drawing 10.3.1.

(a) INTERNATIONAL EVENTS

FIA 8860-2004
FIA 8860-2010
SNELL SA2010
SNELL SA2005. (Not valid after 31/12/2018)
SNELL SA2010
SNELL SAH2010
SFI Foundation 31.1A, 31.2A. (Not valid after 31.12.2018)

(b) In addition the following are acceptable for: International and MSA National Kart Racing Events (with exception of Kart Drivers under 15 years of age, Cadet and Bambino Drivers):

- SNELL K98 and K2005
- SNELL K2010
- SNELL – FIA CMR2007
- SNELL – FIA CMS2007

Kart Drivers under 15 years of age, Cadet and Bambino Drivers. The weight of the helmet may be checked at any time during an event and must not weigh more than 1,550g:

- SNELL – FIA CMR2007
- SNELL – FIA CMS2007

(c) ALL MSA NATIONAL EVENTS

As listed in (a) and
BS6658 Type A/R (Not valid after 31/12/2015)

Part of the approval procedure is to affix an MSA sticker to the outside of the helmet in the approximate location of the driver's right ear.

Stickers may only be affixed by selected scrutineers, by the MSA at Motor Sports House, or by selected manufacturers, after the helmet has been checked for conformity with the standard required and is considered to be in a satisfactory condition.

MSA approval stickers, for which a fee of £2.00 is charged, are printed on foil, and once individually affixed, cannot be reapplied. Note: Stickers supplied since 01/01/08 are individually numbered.

Note that helmet standards are regularly reviewed and updated, and superseded. Standards will periodically cease to be acceptable; hence an element of 'lifing' will always remain.

Helmets approved for use in all disciplines require a blue MSA sticker to be affixed. Helmets which are accepted for use in kart racing only require a green or yellow where applicable MSA sticker to be affixed. These stickers are available from issuing scrutineers.

10.3.2. Fit and Security. To ensure satisfactory fit and security of your helmet, proceed as follows:

- (a) Obtain correct size by measuring the crown of your head.
- (b) Check that there is no side-to-side movement; a helmet should be as closely fitting as possible consistent with comfort.
- (c) Tighten straps securely – the chin strap must be under tension at all times; ensure therefore that the strap cannot slip. Chin cups are prohibited.



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- (d) With head forward attempt to pull up the back of the helmet, to ensure the helmet cannot be removed in this way.
- (e) Ensure you can see clearly over each shoulder.
- (f) Make sure nothing impedes your breathing in the helmet and never cover your nose or mouth other than with a flame resistant balaclava or face mask. Helmets with life-support attachments must only be worn if they are connected to a life-support system.
- (g) Never wear a scarf, tie or other loose clothing which could come loose and possibly cause an accident.
- (h) Ensure that the visor can be opened with one gloved hand.
- (i) Satisfy yourself that the back of the helmet provides protection for your neck.
- (j) Do not buy from mail order unless you can satisfactorily carry out the above checks; return a helmet unused if it does not fit.

10.3.3. Condition and Care of Helmet

- (a) The user himself must bear the prime responsibility for ensuring that his helmet is fit for the purpose intended, since significant damage to the helmet may have been sustained without this being apparent to the scrutineer.
- (b) Anything other than minor superficial damage is likely to result in the scrutineer removing the MSA sticker and impounding the helmet for the event.

- (c) It is in everyone's interest for the competitor to buy the best helmet he can and to look after it (the best is not necessarily the most expensive). A helmet bag should always be used.
- (d) There must be no alteration to the structure of a helmet. Where a radio intercom is fitted this should only be done in accordance with the helmet manufacturer's instructions. Fitment of cameras to helmets by whatever means is not permitted unless an integral camera is provided by the helmet manufacturer and that model of helmet is approved under one of the accepted standards.
- (e) Use only a weak solution of soft soap and water to clean the interior and exterior of the helmet; do not get the interior too wet.
- (f) Some moulded plastic helmets although they meet approved standards can be seriously damaged by substances such as petrol, paint, adhesives, cleaning agents and stickers (not the MSA Stickers) – such damage may not always be apparent; however, crazing or obvious dulling of the surface finish could indicate serious structural weakening of the helmet and is likely to result in the scrutineer removing the MSA sticker and impounding the helmet for the event.
- (g) The helmet should be stored, preferably in a helmet bag, in a cool dry place away from sunlight when not in use. Do not strap the helmet to the roll cage or allow other unrestrained movement which could cause the helmet to be damaged.
- (h) A good helmet, properly cared for, is one very important link in a long chain of safety measures. Do not allow it to become the weak link. Do not rely on others. You are responsible for your own safety. Do not, through your own fault, become a grave burden to others.

10.4. FHR Device

It is permitted to incorporate the use of an FIA approved FHR Device fitted in accordance with FIA regulations.

Goggles and Visors

11.1. Either goggles or a visor must be worn at all times during training, practice and competing, unless in a closed vehicle.

11.2. Recommended visor and goggles standard (minimum) BS4110, BS4110:1999, BS EN 1938, European Standard 89/686/EEC.

11.3. Goggles or visors must be clear or neutral density filters.

Front Engined Cars

12. With front engine cars a propeller shaft restraint should be fitted. Either safety hooks or a rigidly fixed steel panel of not less than 18swg.



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Head Restraints

13. Head restraints when required to be fitted, must be capable of restraining a 17kg mass decelerating at 5g.

Dimensions to be 10cms x 10cms and located such that the driver's/passenger's head/helmet is restrained and cannot move past it under rearward forces, or be trapped between the rollbar and the head restraint. It is recommended that it be within 5cm of the driver's/passenger's helmet when they are normally seated.

General Safety Recommendations

14.1. Owing to the widely varying nature of competitions and the vehicles taking part in them, the MSA takes the view that it would not be in the best interests of the competitors to cover all aspects of safety precautions with mandatory regulations. Inevitably such regulations could not necessarily provide for the most appropriate safety precautions in all foreseeable circumstances.

The MSA therefore draws attention to the following points so that the competitors can consider them and take precautions as seem appropriate to their own particular requirements.

14.1.1. Electrical

- (a) **Batteries** – precautions should be taken to reduce the possibility of acid burns from batteries in case of accidents. Batteries should be secured within a non-conductive leak-proof compartment.
- (b) **Electrical System** – all wiring should be secured and well protected to reduce the risk of fire from electrical short circuits.

14.1.2. Fuel

- (a) **Fuel Tanks and Pipes** – every effort should be made to isolate fuel tanks and pipes from the driver/passenger compartment. The risk of fuel spillage from accident damage can be reduced by use of bag type tanks or by coating metal tanks with GRP. Tanks should be located so that they are given maximum protection by the structure of the vehicle. Vents should be designed to avoid spillage if the vehicle becomes inverted.
- (b) **Fuel Fillers** – these should be designed and located to reduce risk of damage. Filler caps should not be liable to open in the case of an accident. Simple screw caps are effective. The positive locking of the fuel filler caps is recommended. The filler pipe to the tank should be of minimum possible length and not protrude beyond the bodywork (6).

14.1.3. Steering Wheels. The types least likely to inflict injuries due to breakage should be selected. Uncovered wooden rims should be avoided.

14.1.4. Fire Extinguishers. Even small extinguishers carried in a vehicle can extinguish or contain fires before they develop seriously. Minimum recommendation is for a 1.75 litre AFFF extinguisher or equivalent with BS4123/EN3 approval (EN3 minimum size is 2 litre AFFF) and a rating of at least 34B. More sophisticated equipment is required in many events and full vehicle systems are highly recommended (see 3).

14.1.5. Seats. See 2.2.

14.1.6. Headrests. See 2.3.

14.1.7. Radiator Caps. These caps should be positioned or shielded in such a way that hot water or steam cannot scald the driver of the vehicle if they become opened or broken in an accident.

14.1.8. Clutch and Bell Housing Protection. It is recommended that a shield be placed to guard the clutch/ bellhousing and to protect in case of clutch/flywheel derangement. This can be a $\frac{1}{2}$ in steel plate, or sandbag type absorber as used in drag racing.

14.1.9. As a general principal competitors are advised to replace any safety item, helmet, safety harness, seats etc., should they have been involved in a severe accident.

14.2. Paddock Safety. In areas to which the public has access, no engine shall be run with the gears engaged whilst the vehicle has any driving wheels not in direct contact with the ground, unless all moving parts are adequately guarded and, with the exception of Karts, a competent person is seated in the driving seat.

14.3. Heat and Flame Resistant Clothing. Where appropriate and required by specific regulations the FIA standard is shown below, as detailed in FIA Yearbook, Appendix L, Chapter III, Article 2. These standards are advised for all competition use where protective clothing is either mandatory or recommended.

- (a) **Underclothing.** Materials tested to ISO 6940. An indication of this should appear on the front of the upper garment, which must cover the neck.
- (b) **Balaclavas.** Materials tested to ISO 6940. All the part seen in frontal projection when worn to consist of at least 2 layers of minimum 180 gr/m² each. The bottom of the balaclava to meet the requirements in (f).
- (c) **Socks.** Materials tested to ISO 6940. Socks to be half hose (to mid-calf) and made from at least one layer minimum 180 gr/m².
- (d) **Shoes.** To cover the whole foot and ankle. Materials tested to ISO 6940 and fastenings and laces to be of non-fusible material. Soles to be manufacturer certified as resistant to hydrocarbons and to flames. Thread used to be flame resistant. Manufacturers to register all shoe models with the MSA and FIA.
- (e) **Gloves.** Materials tests to ISO 6940. Each glove to be labelled to that effect. Backs of gloves to be made from at least two layers of 180 gr/m². Thread must be flame resistant and non-melting. Gloves must be fitted at the wearer's wrist and cover the cuff of the wearer's overalls. Manufacturers should register all glove models with the MSA and FIA.
- (f) Where MSA/FIA regulations specify the wearing of protective clothing the labels on overalls and upper underclothing may be verified by the organisers for compliance with regulations.

Officials shall also have the right to examine other articles of clothing subject of regulations upon request. Wearers are warned of the particular vulnerability of neck, wrists and ankles. Balaclavas must extend to enter inside the overalls or undergarment around the

neck and not come free whichever way the head is moved. Upper undergarments should have a polo style neck.

Ankles and wrists should always be covered by at least two items of protective clothing.

The advertisement features a background image of several racing seats in various colors (black, red, blue) arranged in a row. A large green banner is overlaid on the left side of the image. The text 'GSM PERFORMANCE' is written in white on the banner. Below this, the phrase '...FINE TUNED TO MEET YOUR NEEDS!' is written in large, bold, white capital letters. At the bottom of the banner, there is a list of services and contact information.

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**...FINE TUNED TO
MEET YOUR NEEDS!**

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Unit 5, High Hazles Road, Cotgrave, Nottinghamshire, NG12 3GZ

T +44 (0)115 9893488 **E** sales@GSMPerformance.co.uk

www.gsmperformance.co.uk

GSM
PERFORMANCE

(K) Competitors: Safety

Appendix 1: Tables and Drawings

Table 3

Minimum quantity of extinguishant (3)

<i>Reference</i>	<i>Description</i>	<i>AFFF</i>	<i>ZERO 2000</i>
3.1.1	Small, hand-operated	1.75 litres	N/A
3.1.2(a)	Medium, plumbed-in, for discharge into both cockpit and engine compartment	2.25 litres	2.25 litres
3.1.2(b)	Medium, hand-operated, for discharge into both cockpit and engine compartment	1.75 litres	N/A
3.1.3	Large, plumbed-in, for discharge into both cockpit and engine compartment	2.25 litres	2.25 litres
3.1.4 (plumbed)	Large, plumbed-in, for discharge into engine compartment	2.25 litres	2.25 litres
3.1.4 (hand-held)	Medium, hand-held for Driver or Rally Co-Driver use	1.75 litres	N/A
3.1.5	Hand-operated for cockpit (International)	2.4 litres	N/A

Drawing 10.3.1

Approval Sticker



Approval Sticker



Approval Sticker



Drawing 10.3.1

HELMET STANDARDS



BS 6658-85 Type A/FR



SA2000



K98



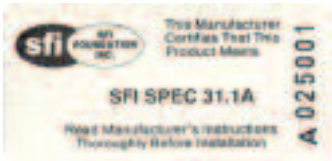
SA2005



CMR2007



K2005



SFI 31.1A



SFI 31.2A

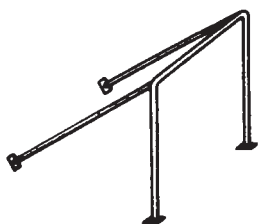


FIA

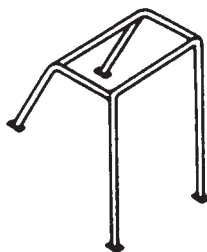


(K) Competitor Safety

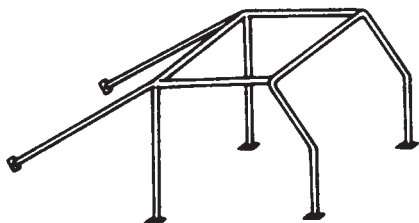
Appendix 2: Safety Cage Drawings



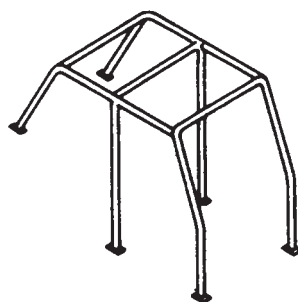
Drawing No. 1



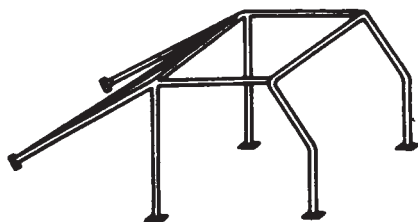
Drawing No. 2



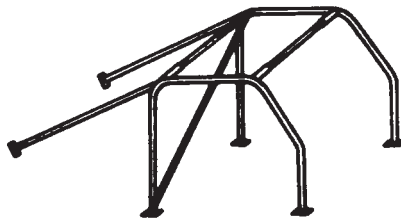
Drawing No. 3



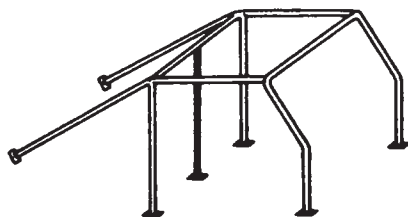
Drawing No. 4



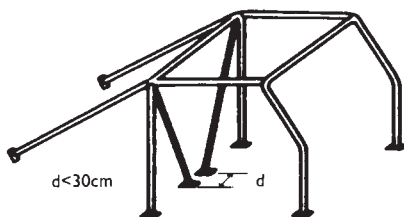
Drawing No. 5



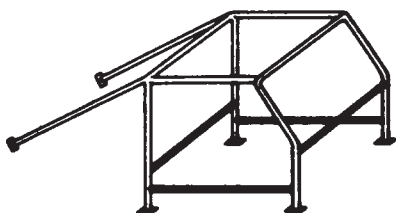
Note: Diagonal may be handed to left or right
Drawing No. 6



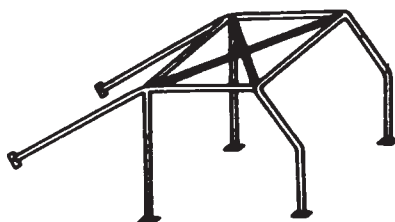
Drawing No. 7



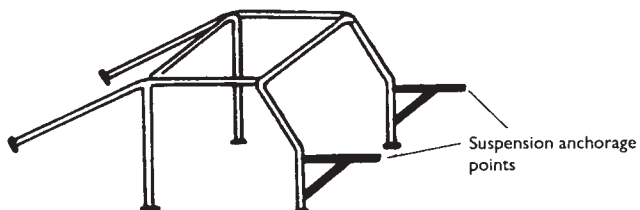
Drawing No. 8



Drawing No. 9

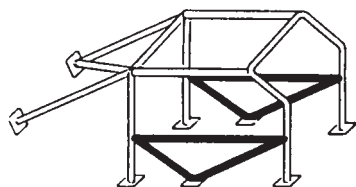


Drawing No. 10

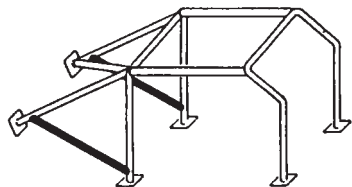


Drawing No. 11

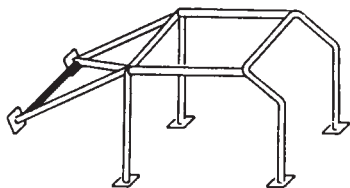
(K) Competitor Safety



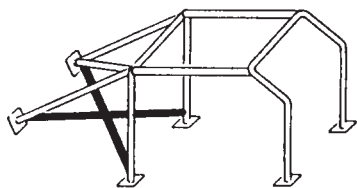
(a)



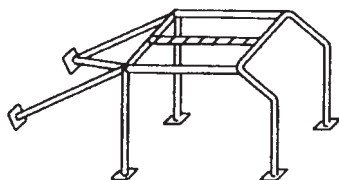
(b)



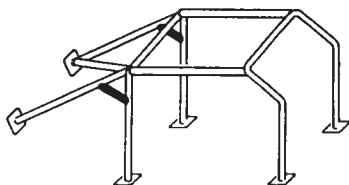
(c)



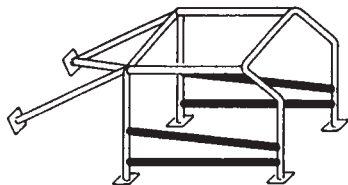
(d)



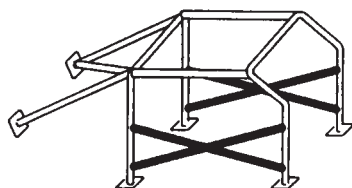
(e)



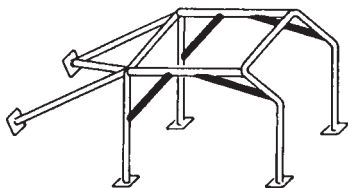
(f)



(g)

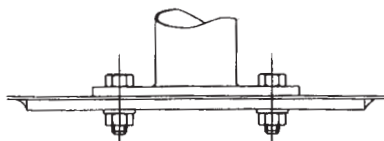


(h)

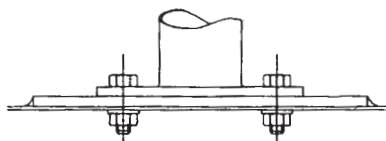


(i)

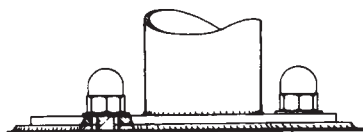
Drawing No. 12 Optional Reinforcing Members [6]



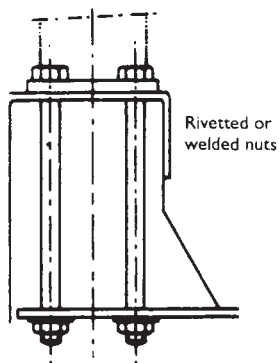
Drawing No. 13



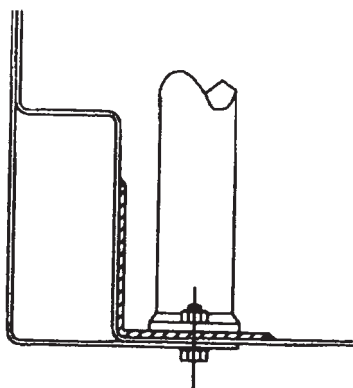
Drawing No. 13(a)



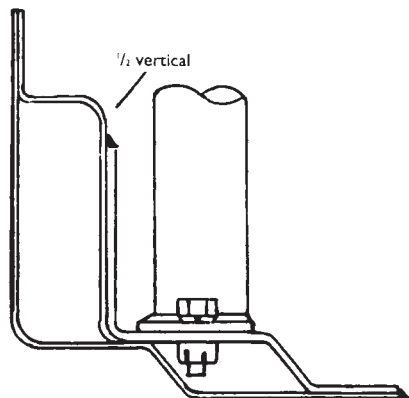
Drawing No. 13(b)



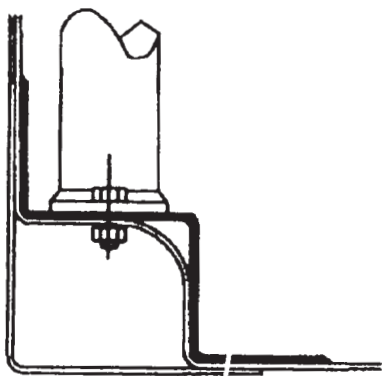
Drawing No. 14



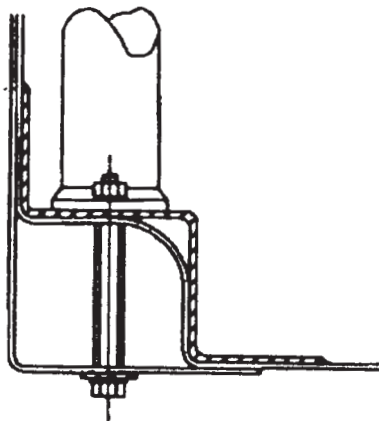
Drawing No. 15



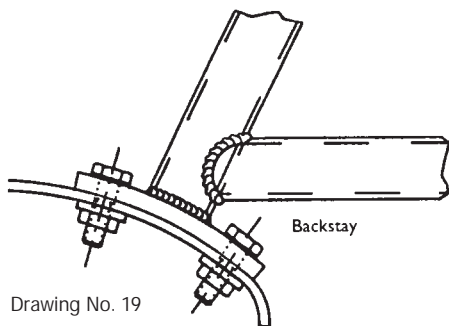
Drawing No. 16



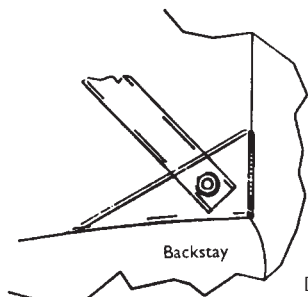
Drawing No. 17



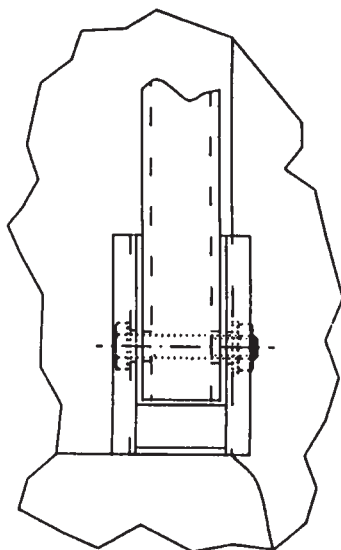
Drawing No. 18

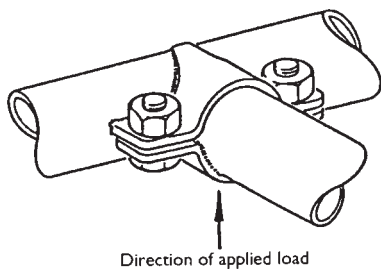


Drawing No. 19

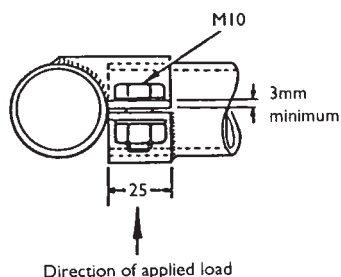


Drawing No. 20

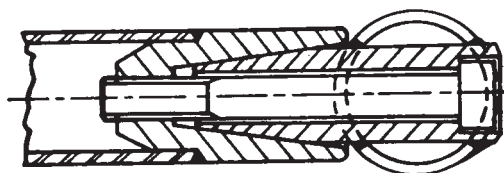




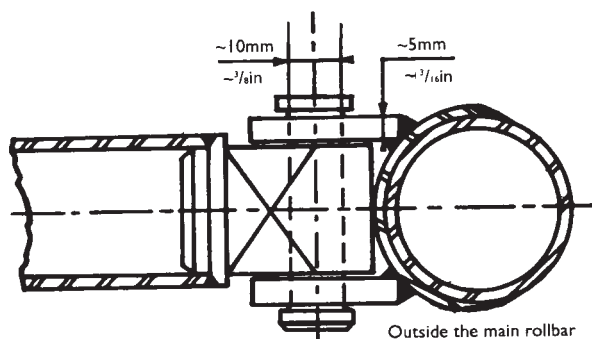
Drawing No. 21



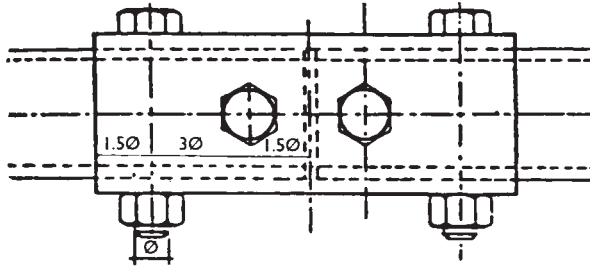
Drawing No. 22



Drawing No. 23

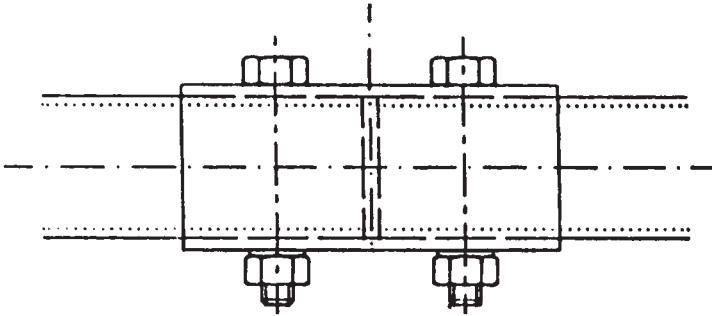


Drawing No. 24

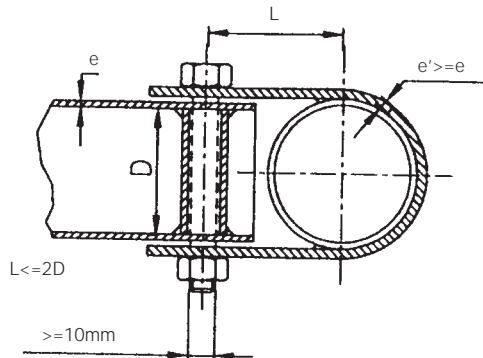


$\varnothing = 14\text{mm}$ (tube $\geq 40\text{mm} < 50\text{mm}$ diam. ext.)
 16mm (tube $\geq 50\text{mm}$ diam. ext.)

Drawing No. 25

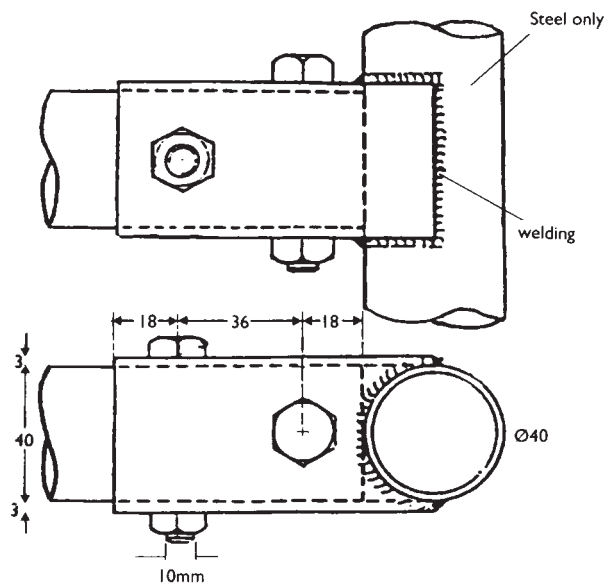


Drawing No. 26

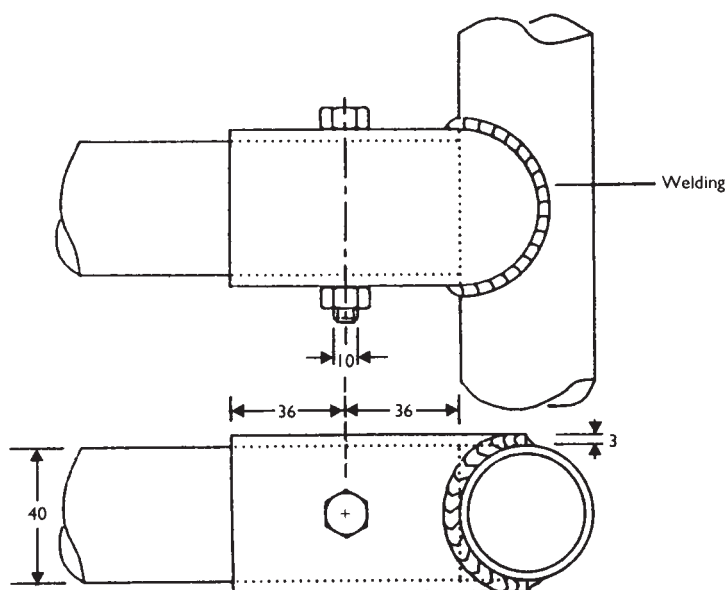


L must be minimum
 The clamp width must
 be at least 25mm

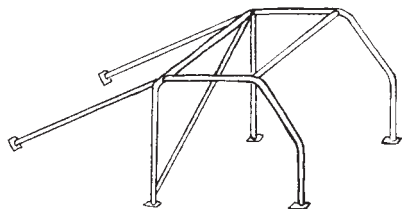
Drawing No. 27



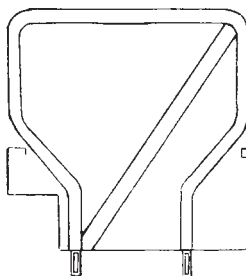
Drawing No. 28



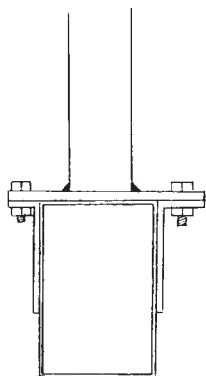
Drawing No. 29



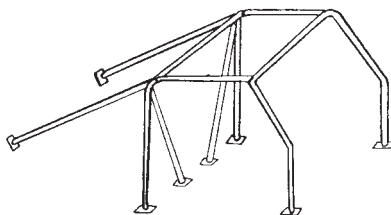
Drawing No. 6(a)



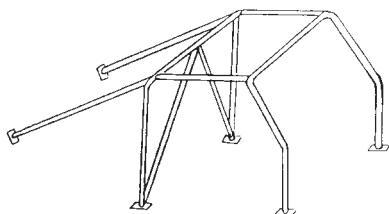
Drawing No. 38



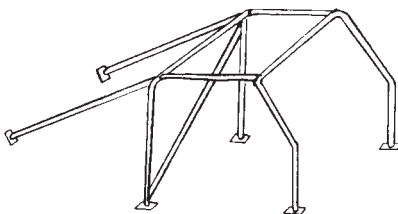
Drawing No. 33



Drawing No. 34

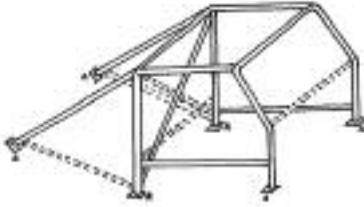


Drawing No. 35

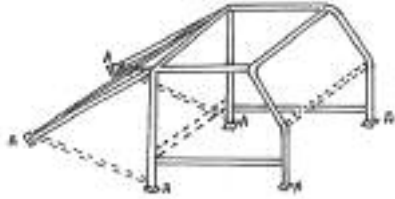


Drawing No. 36

a) Diagonal(s) across Main Hoop



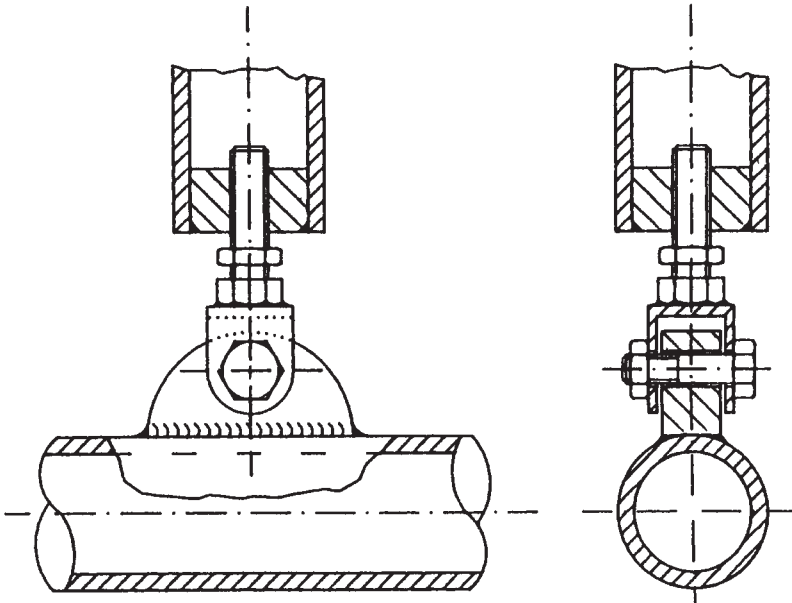
b) Diagonal(s) across Back Stays



- Mandatory minimum requirement
- Maximum options permitted
- A Mandatory mounting points

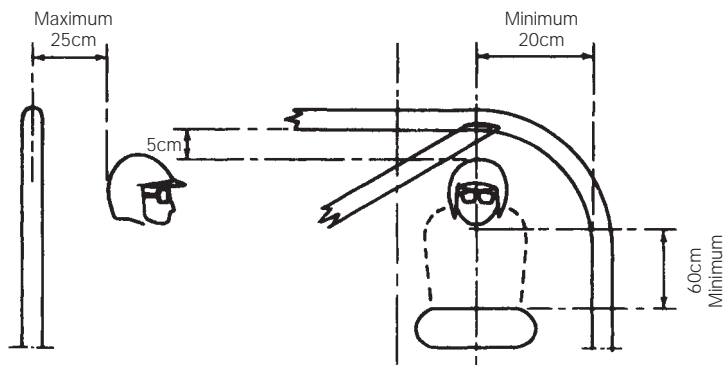
Additionally a further 8 points may be attached to the bodyshell.
Competitors should note that an installation to this drawing may contravene FIA Appendix K regulations.
Doorbars may alternatively be as shown in figure 12(g) or (h).

Drawing No. 37

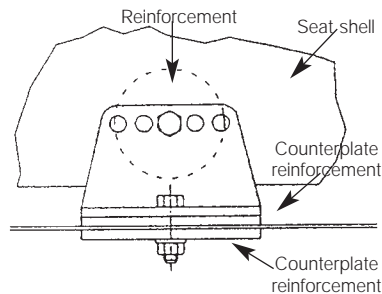


Drawing No. 30

(K) Competitor Safety

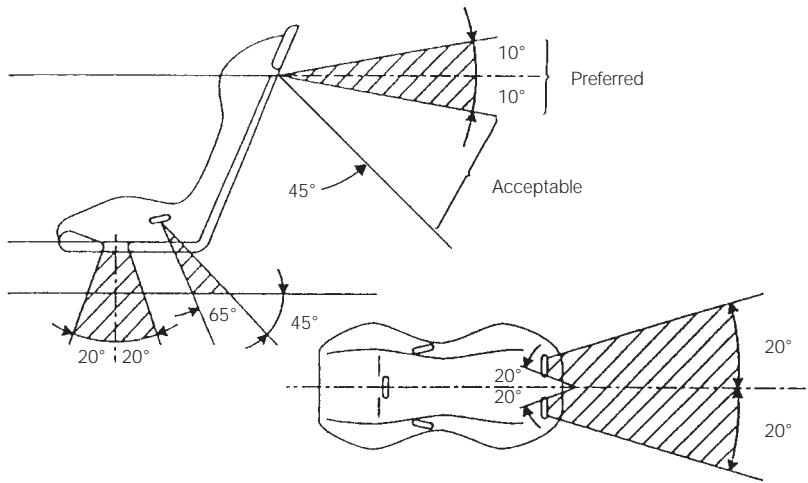


Drawing No. 31

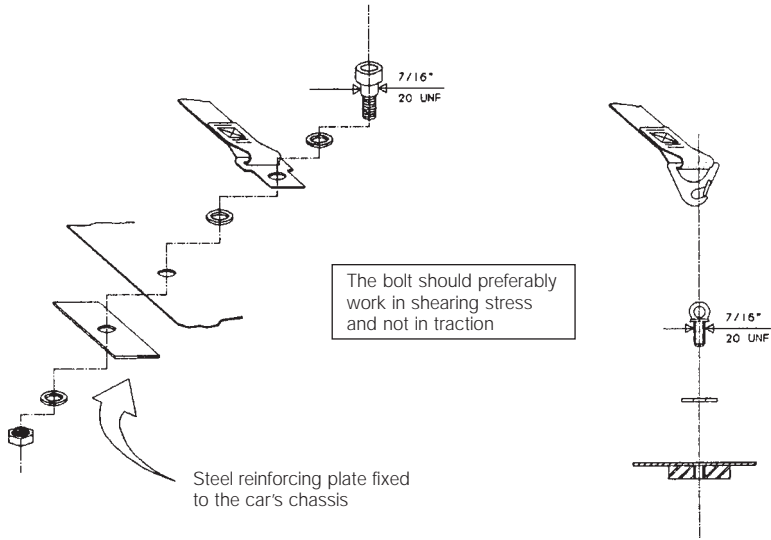


Drawing No. 32

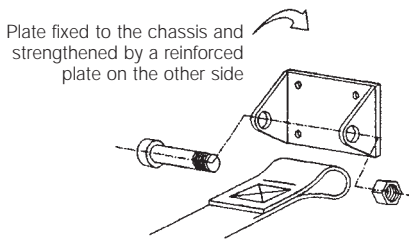
Typical Safety Belt Installation



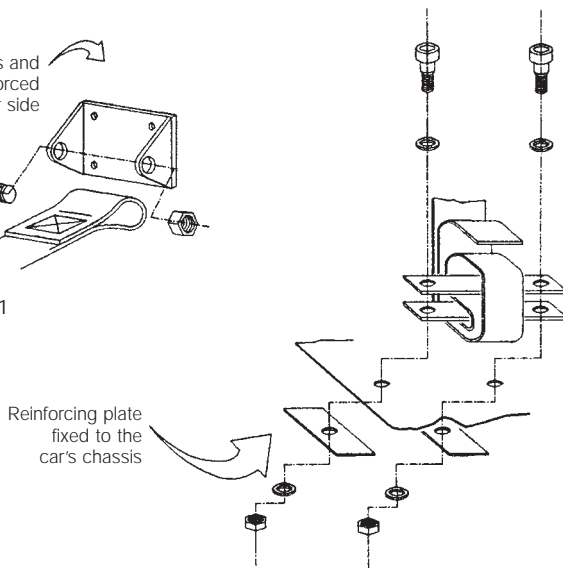
Drawing No. 39



Drawing No. 40

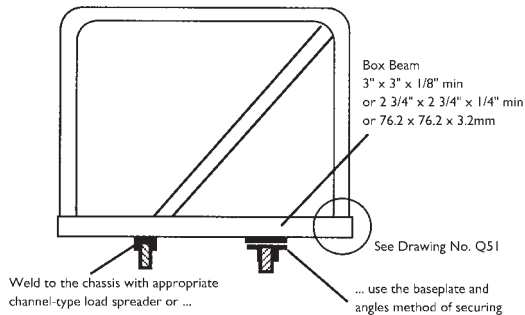


Drawing No. 41

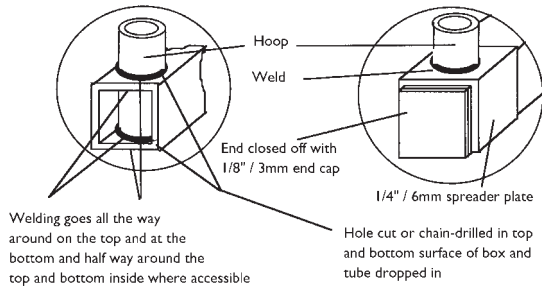


Drawing No. 42

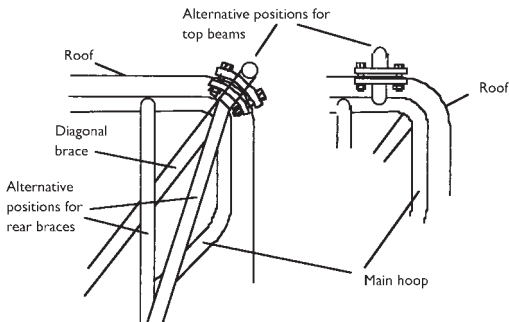
(K) Competitor Safety



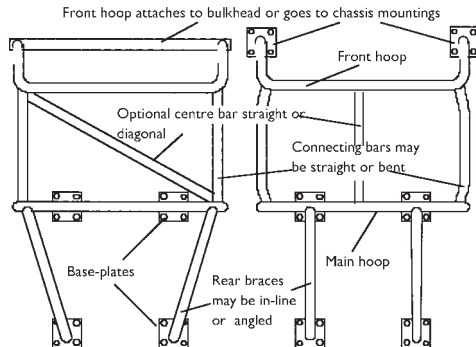
Drawing No. 50



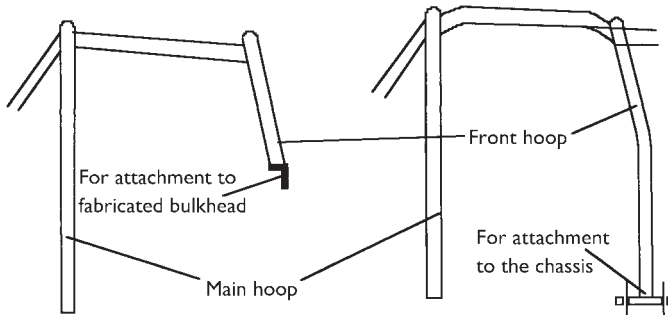
Drawing No. 51



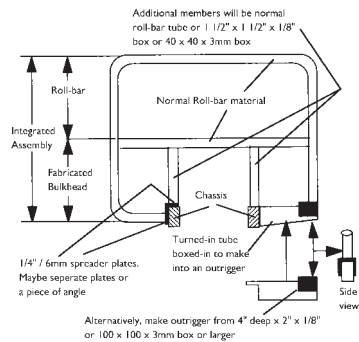
Drawing No. 52



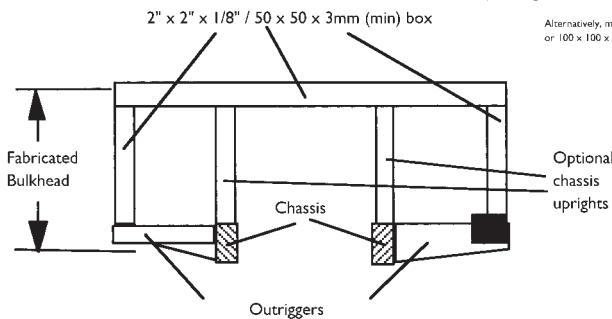
Drawing No. 53



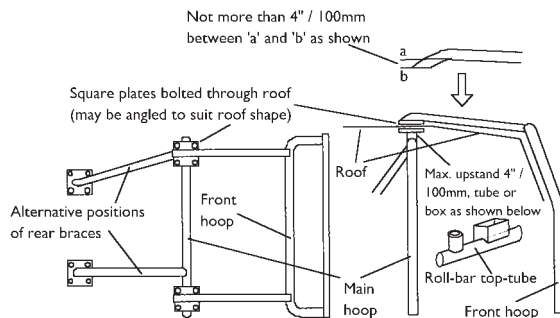
Drawing No. 54



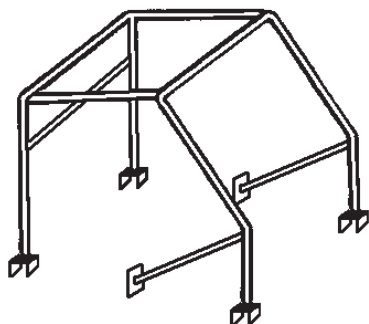
Drawing No. 55



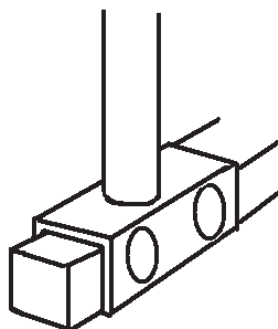
Drawing No. 56



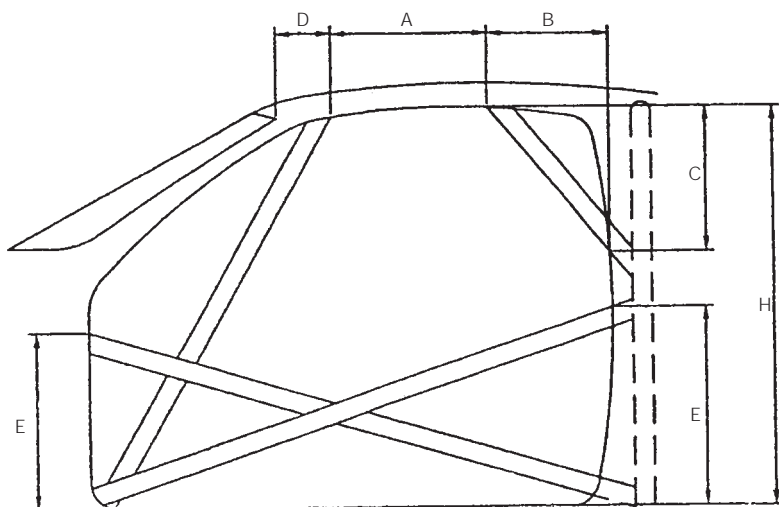
Drawing No. 57



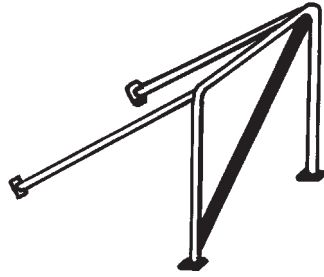
Drawing No. 58



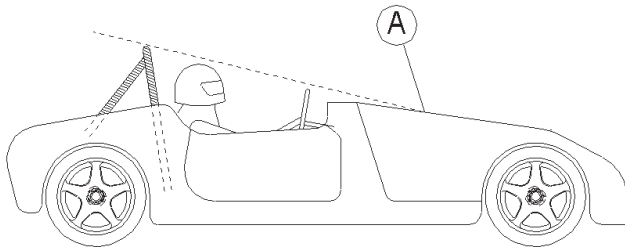
Drawing No. 59



Drawing No. 43

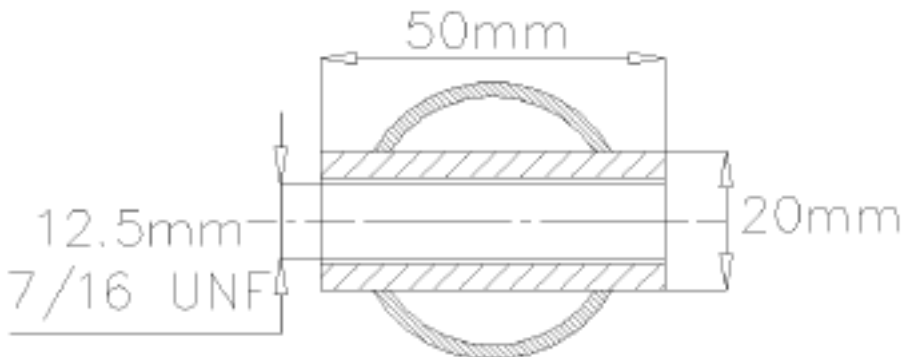


Drawing No. 60(i)



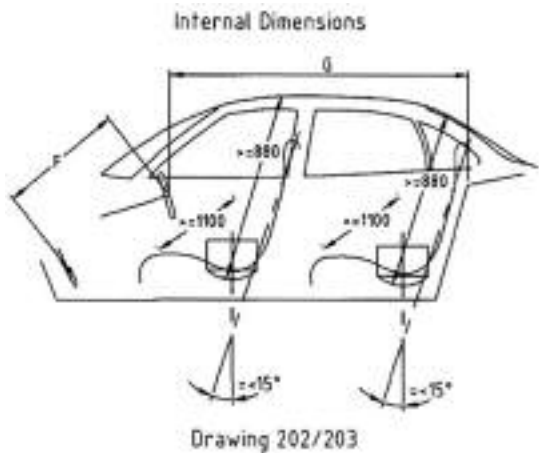
'A' is the substantial structure forward of the driver such as to act as the front rollbar. No part of the driver's helmet is to pass through a line struck from the top of the rollbar to this structure.

Drawing No. 60(ii)



Drawing No. 44

Drawing number 61



Dimension B Height over front seats (measured between 0° and 15° towards the rear in relation to the vehicle using the test seat weight)

Dimension C Width for the front seats

Dimension D Height over the rear seats (measured as Dimension B)

Dimension E Width of rear seats.

Dimension F Distance from the centre of the hub of the steering wheel to the brake pedal (if the steering wheel is adjustable it must be placed in the median position).

Dimension G Length from the centre of the hub of the steering wheel to the bulkhead of the rear seat, or if possible to the rear face of the rear seat (maximum tilt 15°) If the steering wheel is adjustable it must be placed in the median position.

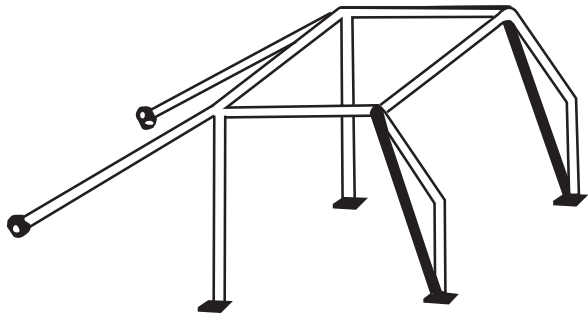
B and D are measured between the bottom of the seat compressed by the test seat weight, the axis of which is vertical, and the ceiling (padding compressed). If the seats are separate, the measurement is taken in the middle of each of the seats. In the case of

longitudinally adjustable seats, the seats will be placed in the median position. If there is a bench seat in the front, the measurement is taken at 25cm from the centreline of the car.

C and E are the maximum widths measured along the vertical plane passing through the axis of the standard test seat weights placed on the seats, being able to be freely maintained over a height of at least 25cm and a length of at least 40cm. The minimum dimensions (in cm) according to the cylinder capacity (in cm³) are the following, with $H = F + G$

Engine Capacity	Dim. B	Dim. C	Dim. D	Dim. E	Dim. H
From 0 to 1,300	Free	90	Free	90	180
From 1,300 to 2,000	88	110	88	110	200
Over 2,000	93	120	93	120	210

Drawing number 62



PUBLICATIONS, TECHNICAL PAPERS & CLUB EQUIPMENT



Subject to their availability the products and their prices listed below are correct at the time of going to press, but may be changed without further notice.

PUBLICATIONS (VAT zero rated)

MSA Yearbook	£31.00
MSA Kart Race Yearbook	£15.00
MSA Motor Club Manual	£35.00
Motor Vehicles (Competition & Trials) Regulations 1969/74/76	£15.00

CLUB EQUIPMENT (VAT standard rated incl.)

Club Membership cards	200 for £23.00
Signing-On Sheets – Competitors/Officials	FOC available on website
Signing-On Sheets – Media	FOC available on website
“Prohibited Area” rigid PVC warning signs	per pack of 5 £52.00
“Motor Sports Can Be Dangerous” rigid PVC warning sign	per pack of 5 £52.00

TECHNICAL PAPERS (VAT zero rated, except † = standard rate)

MSA Rollcage Certificate – Official Copy	†each £25.00
MSA Historic Rally Vehicle Identity Form Registration	†£86.00
MSA Competition Car Log Book (payable to Inspecting Scrutineer)	£39.00
MSA Homologation Fiche (Kart)	†each £22.00
FIA Historic Technical Passport Application (excluding Registration Fee)	†each £340.00
FIA Current Homologation Papers for any UK car	†each £66.00
FIA Current Homologation – Extension of any UK car	†each £42.00
FIA Homologation Papers for any non UK car	†each £66.00
FIA Current Homologation – Extension for any non UK car	†each £42.00
FIA Lapsed Homologation Papers for any UK car	†each £42.00
FIA Lapsed for any non UK car	†each £42.00

† Overseas orders are subject to an additional delivery charge

**For the above items, please address order(s) to:
Sales Dept, Motor Sports Association, Colnbrook SL3 0HG**

Purchase on-line from www.msauk.org

Common Regulations for Permitted Tyres

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General

1. Certain Championships define the types of tyre permitted to be used and Competitors are recommended to check the requirements in all event and championship regulations.

Production Tyres

2. The tyres in List 1A are regarded by the manufacturers as Standard Road Tyres. They may have wear bars moulded into the tread to show 1.6mm remaining pattern depth. These are set at six positions around the circumference of the tyre and extend across its width. If any of the wear bars are level with the tread surface at pre-event scrutineering the vehicle will not be allowed to compete.

2.1. Tyres with sidewall markings removed will be prohibited in all events unless they are correctly marked 'Retread' or 'Remould'.

2.2. For Production Saloon and Sports Car racing, only standard road tyres in List 1A are permitted, and only to rim and tyre sizes as laid down for specific car models on Production Car Specification Sheets.

2.3. All tyres must carry an EEC 30 or EEC 108 'E' mark. It is illegal to supply for public highway use new or part-worn tyres that are not 'E' or 'e' marked tyres (ie marked in accordance with requirements of EEC Regulation 30, 30.1, 30.2 or EC Directive 92/23). This includes VR and ZR tyres (previously exempt).

All new tyres sold from 01.11.2012 must be labelled in accordance with EU Reg 1222/2009

All new tyres produced after 01.11.2014 must be marked in accordance with UNECE Regulation 117 (ie carry S, W and R markings)

2.4. Some tyres in Lists 1A and 1B may have additional sidewall markings denoting specific fitment at OE. These markings may be in the vicinity of the range name or after the size designation (eg NO, MO,*). Such tyres with additional markings are accepted as equivalent to tyres designated in Lists 1A and 1B.

2.5. Tyres marked with an asterisk in Lists may be removed from the lists with effect from 31 December 2015. See Official bulletins for details. Additional tyres may be added to the lists at any time (see Official bulletins for details).

2.6. Run-flat variants of tyres listed in 1A are permitted. Tyre pressure monitoring devices should be used on run-flat tyres.

2.7. For 2016 there will be a Tyre List 1C. This will be solely for Competition Tyres complying with EEC Regulation 30 and intended exclusively for racing. Some of the tyres included in the current Tyre List 1B will move to the new Tyre List 1C.

Tyres for Special Stage Rallies

3. For Rallies, all tyres used on the Public Highway must comply with the relevant Motor Vehicle Construction and Use Regulations, in addition to dimensions laid down in R.48.5 (Stage Rallies).

3.1. It is the Competitor's responsibility to ensure that only moulded tyres are used at all times. A moulded tyre is defined as one having a tread pattern with a width of 170mm (85mm each side of the tyre centre line) and a circumference of 140mm. In this area, the surface taken up by grooves at least 5.5mm deep and 2mm wide must occupy at least 17% of the total. This tread pattern must be moulded.

3.2. The sum of the width of the grooves encountered by a circumferential line in the area described above must be at least 4mm. The sum of the width of the grooves encountered by a radial line must be at least 16mm. The bridge blocks and sipes must be considered as part of the tread pattern if they are less than 2mm.

3.3. With the exception of tyres specified in List 6, hand cutting is permitted, but only for the purpose of introducing additional grooves no deeper than those moulded into a new tyre. Hand cutting in order to increase the depth of existing moulded grooves is prohibited.

3.4. At all times during an event the tread depth must not be less than 1.6mm over at least three quarters of the tread pattern.

3.5. FIA homologated tyres are recommended for Stage Rallies. All tyres contained in Lists 1A and 1B are automatically authorised for all Rallies except Endurance Road Rallies (List 4). Please bear in mind that road legal List 1A tyres and some specialist motor sport tyres may not have strengthened sidewalls more normally used in the construction of tyres in List 1B and Rally tyres homologated by the FIA. Tyres marked 'For Racing Purposes Only' are prohibited on Rallies.

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(L) Permitted Tyres

LIST 1A

Tyres for Production Saloon Car Racing/Production Sports Car Racing

4. It is prohibited to re-groove
tyres in this list.

AVON

- CR 322
- ZZ 3
- ZV 3
- ZV 5
- ZZ 5
- ZT 5

BRIDGESTONE

- B 330 (including EVO)
- Turanza ER 30
- Turanza ER 300
- *RE 010
- RE 070
- S-02/Potenza/Pole Position
- Potenza RE030
- Potenza RE040
- Potenza RE050, RE050A
- Potenza RE070
- Potenza RE050 RFT
- Potenza RE040 RFT
- Adrenalin RE002
- Potenza S001
- Potenza S001 RFT
- ⁽¹⁾Potenza S007 RFT
- Turanza ER300 RFT (Incl. Ecopia)
- B250

BF GOODRICH

- Touring
- *G Force Profiler
- g-Grip

COOPER

- CS2
- Zeon 2XS
- Zeon XTC
- Zeon CS6
- Zeon CS Sport

CONTINENTAL

- ContiSportContact
- ContiEcoContact EP
- ContiSport Contact 2
- ContiPremium Contact
- ContiEco Contact 3
- ContiSport Contact 5
- ContiPremium Contact 5
- ContiEco Contact 5
- ContiPremium Contact 2
- ContiSport Contact 3
- ContiSport Contact 5P

DMACK

- Kinetic S

DUNLOP

- SP Sport 01
- SP Sport 600
- SP Sport Aquajet/CB73
- SP Sport Maxx
- SP Sport Maxx GT
- SP Sport Maxx RT
- SP Sport Maxx TT
- SP Sport Fastresponse

(All above include Denlock, MFS,
M2, E and TD versions).

FALKEN

- FK-06, G
- FK-452
- FK-453
- FK-07E, U
- SN-807
- SN-816
- SN-828
- ZE 914
- ZIEX ZE912
- SN-832

FIRESTONE

- Firehawk FH 700 (Incl. Fuel Saver)
- Firehawk TZ 200
- Multihawk
- F 560
- F 590 FS
- Firehawk SZ 90u
- TZ 300u

FEDERAL

- 595

FULDA

- *Carat Assuro
- *Carat Extremo
- *Carat Exelero
- *Sport Control

GOODYEAR

- *Eagle F1 GSD3
- *Hydragrip
- *Excellence
- *Eagle F1 Asymmetric
- *Optigrip
- *Eagle F1 Asymmetric 2
- *Efficient Grip

HANKOOK

- *K 104

KLEBER

- Viaxer
- Dynaxer HP3
- *Hydraxer

KUMHO

- Ecsta KU31 SPT
- Solus KH17
- Ecsta HM KH31
- Ecsta LE Sport KU39

MARANGONI

- *Zeta Linea

MARSHAL

- KR11
- KH35
- Matrac FX MU11
- Matrac XM KH35
- Matrac MH11

MAXXIS

- *Maz 1

MICHELIN

- *Pilot Sport (Excludes Pilot Sport Cup and all competition tyres)
- Pilot Sport PS2
- Pilot Exalto PE2
- 165 SR15 XZX
- Primacy HP

⁽¹⁾Only applicable where an OE fitting.
Contact MSA Technical Department for
verification.

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VITTORIO GHIRELLI



GARRIE WHITTAKER



MATTIAS ADIELSSON



MARTY McCORMACK
& PHIL CLARKE



GARRY JENNINGS
& RORY KENNEDY

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and champions
who rely on
Kumho tyres.

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VLN 9 OVERALL WINNERS VITTORIO GHIRELLI
SUPER NOVA INTERNATIONAL, AUTO GP WORLD
SERIES CHAMPION GARRY JENNINGS & RORY
KENNEDY SUBARU IMPREZA WRC, IRISH
INTERNATIONAL TARMAC RALLY CHAMPIONS
MARTY McCORMACK & PHIL CLARKE FORD
ESCORT MKII, WWRS RAC HISTORIC RALLY
CHAMPIONS GARRIE WHITTAKER BMW E36 M3,
KUMHO TYRES BMW RACING DRIVERS CLUB
CHAMPION MATTIAS ADIELSSON PEUGEOT 208,
R2 CHAMPION, SWEDISH RALLY CHAMPIONSHIP



S700 V70A TW02 R900 C03

(L) Permitted Tyres

- Energy Saver +
- Pilot Sport 3
- Pilot Super Sport
- ⁽¹⁾Pilot Sport Cup 2
- Primacy 3

NANKANG

- NS-2
- NS-20
- AS-1
- XR-611
- CX-688
- AS-2

PIRELLI

- P Zero Nero
- P Zero Rosso & Direzionale
- P Zero
- Cinturato P1
- Cinturato P4
- Cinturato P6
- Cinturato P7
- CN36
- CA67

SEMPERIT

- Speed Life
- Comfort Life 2

TOYO

- Proxes T1-R
- Proxes T1 Sport
- Proxes CIS
- 330
- *Roadpro R610
- 350
- Proxes CF1
- Proxes 4
- TEO Plus
- 310
- NanoEnergy 2
- NanoEnergy 3
- Proxes CF2

UNIROYAL

- *Rain Sport 2
- Rain Expert
- Rain Sport 3

VREDESTEIN

- *Sportrac 3
- *Ultrac Sessanta

YOKOHAMA

- A 008 (Excluding R)
- *A 022
- *A 509
- *A 510
- *A 520
- A 539
- AC 01 (C Drive)
- *AVS Sport V102
- *S 306
- *S 760
- Advan Sport V103
- Advan Neova AD07
- AS 01 (S Drive)
- *Advan Neova AD08
- AC 02
- *AA 01 (A Drive)
- Parada Spec-2 [PAO2]
- Advan Sport V105

LIST 1B

Sports/Upgraded Tyres Suitable for Competition

5. Clubs wishing to use these tyres in events or championships must apply in writing to the MSA, and SRs must provide for their use. These tyres are prohibited for Production Car racing.

Some tyres below are available in compounds which are not E-marked. Only those tyres below that are E-marked are valid.

It is prohibited to re-groove tyres in this list.

AVON

- *ACB 10 Sport
- *CR6ZZ (Including Sport)
- *TurboSpeed CR28 Sport
- *CR500
- *ZZR
- *ZZS

BRIDGESTONE

- *Patenza S007 RFT

CONTINENTAL

- *ContiForce Contact

DMACK

- *Trackday

DUNLOP

- *Formula R D83J
- *Formula R D84J
- *Formula R D93J
- *Direzza 02G
- *Direzza 03G
- *CR 311
- *Sport Maxx Race

FEDERAL

- *595 EVO
- *595 RSR
- *FZ 201

KUMHO

- *Ecsta V700 (including V70A)

MARANGONI

- *Zeta Linea Sport

MAXXIS

- *Maz1 Drift

MAXSPORT

- *RB4 Intermediate (retread)
- *RB5 (retread)

MICHELIN

- *Pilot Sport Cup
- *Pilot Sport Cup 2
- *TB 15
- *TB 5 (f & r)

NANKANG

- *NS-2R

PIRELLI

- *P Zero Trofeo
- *P Zero C
- *CA67
- *CF67
- *P Zero Corsa
- *P7 Corsa Classic
- P Zero Torneo R

TOYO

- *Proxes R888
- *Proxes R1R
- *Proxes R888R

⁽¹⁾Only applicable where an OE fitting.
Contact MSA Technical Department for verification.



YOKOHAMA

For details about YOKOHAMA's full range of race proven circuit and rally tyres, please contact our Motorsport Division



Picture: BRDC Formula 4



A005

A035

A053

A006

A006T

A032R

A048R

A021R

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MK1 1QY

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Fax: +44 (0) 1908 625637

Email: motorsport@yokohama.co.uk

(L) Permitted Tyres

VREDESTEIN

- *Sprint Classic

YOKOHAMA

- *A001 HFR
- *A001 – R
- *A008 – R
- *A021 – R
- *A032 – R
- *A038 – R
- *A039 – R
- *A048 – R
- *Advan ADO 8–R

LIST 2

See Section T for details of Permitted tyres

It is prohibited to re-groove tyres in this list.

LIST 3

Tyres for Sporting Car Trials

It is prohibited to re-groove tyres in this list.

FIRESTONE

- *F560

MICHELIN

- XZX

TOYO

- 330

VREDESTEIN

- *Sprint+
- T-Trac

LIST 4

Tyres for Endurance Road Rallies

It is prohibited to re-groove tyres in this list.

AVON

- Avanza
- CR6ZZ (not Sport or 6751)
- Ice Touring

COLWAY

- *Road Plus

FALCON

- PC523

FALKEN

- KK07E (10in)
- ZIEX-ZE912

FIRESTONE

- F580C
- Multihawk Van
- F580 (Incl. Fuel Saver)

PIRELLI

- 190 Snow Control

SPORTWAY

- R1
- R1+

VREDESTEIN

- Quatrac 2

LIST 5

Tyres for Cross Country Events

It is prohibited to re-groove tyres in this list.

(Competitive Safaris, Hill Rallies and Point to Point)

5(a) All Terrain

APPOLLO

- *Storm

AURORA

- RF 05

AVON

- Ranger AT
- Rangemaster

BF GOODRICH

- All Terrain
- All Terrain KO
- Rugged Trail T/A

BLUE STREAK

- Treva Radial AT

BRIDGESTONE

- AT
- AT 693
- Dueler A/T 694

BRONCO

- *Grip Edge

COLWAY

- *C-Trax All Terrain

COOPER

- Discoverer ATR
- Cooper ST
- Cooper AT
- Cooper ST Maxx

CONTINENTAL

- ContiCrossContact AT

DICK CEPEK

- Radial F-C II

DUNLOP

- Grandtrek AT2
- Grandtrek TG4
- Qualifier TG20
- Qualifier TG20
- Grandtrek TG30
- Road Gripper F
- Trak-RV

ENDURO

- AT

FALKEN

- LA/AT
- Wildpeak AT01

FEDERAL

- MS 351 A/T

FEDIMA

- Rally Tyre
- Fronteria

FIRESTONE

- Destination AT

FULDA

- Tramp 4x4 Mix
- Multitrac 4x4

GENERAL GRABBER

- All Terrain
- AT2

GOODYEAR

- G82
- G90 (all terrain)
- Wrangle AT/R
- Wrangler AT/S
- Workhorse Extra Grip

GT RADIAL

- Savero A/T

HERCULES

- Durango AT

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(L) Permitted Tyres

- Terra Trac AW
- Terra Trac AT

INSA TURBO

- Mountain AT
- Ranger AT

INTERCO

- TSL/Thornbird
- VorTrac

KELLY

- Safari DTR

KINGPIN

- Advantage M&S
- Technic Tracker

KIROV

- K-153

KUMHO

- KL41
- 822
- 825
- KL78 AT

LASSA

- Competus

MARIX

- Ecoland
- Panther

MARSHAL

- AT
- Road Venture AT KL78

MASTERCRAFT

- Courser CT
- Courser Radial
- AT2
- AT
- AWT

MATADOR

- MP 71 – Izzarda 4x4
- MP76 Bogatyre

MAXSPORT

- INVADER

MAXXIS

- MA 751 Bravo

MICKEY THOMPSON

- BAJA ATZ PLUS RADIAL
- BAJA ATZ RADIAL
- Belted HP
- ATZ
- ATZ SLT

MICHELIN

- AT
- XCL (AT)
- XZY (all terrain)
- Latitude Cross

MITAS

- CT-06

NANKANG

- N830 Wide Conqueror
- N-889

NEXEN (ROADSTONE)

- Radial A/T 4x4

NITTO TIRE

- Dune Grappler
- Terra Grappler

PIRELLI

- Scorpion A/T
- Scorpion Zero
- Scorpion Zero Asimmetrico
- Scorpion STR
- Scorpion ATR
- Scorpion Ice & Snow 1
- Scorpion Verde

PRO COMP

- All Terrain
- XTreme A/T

REMINGTON

- Wide Brute XT

SPORTWAY

- AT+

STARFIRE

- Durango XTR
- Durango AT

SUMITO

- Serengeti A/T SL850

TECHNIC

- Tracker II A/T

TECHNOSPEED

- All Terrain

TOYO

- Open Country AT

UNIROYAL

- Laredo AWT

YOKOHAMA

- Geolander GO11 A/T+II
- Geolander GO12 AT

5(b) MUD TERRAIN

Tyres in List 5(a) and the following:

BF GOODRICH

- Mud Terrain MT KM
- Mud Terrain KM2

BRIDGESTONE

- D671
- D672

BRONCO

- Rough Rider

COLWAY

- C-Trax Mud Terrain
- *Greenway Chaco
- *Greenway Macho

COOPER

- Discoverer STT (MT)

DICK CEPEK

- Crusher
- Mud Country

DUNLOP

- Grandtrek MT2

FEDIMA

- Extreme
- MT
- Partner

FIRESTONE

- SAT

GENERAL GRABBER

- Mud Terrain
- SAG Radial

GOODRIDE

- CR857 MT

GOODYEAR

- Wrangler MT / R

HANKOOK

- RT01 M/T
- RT03

HERCULES

- HDT

INSA TURBO

- SAHARA MT
- Dakar MT
- SAHARA Competition

NANKANG TYRES



NS-2R

- **Two compounds available** Soft (Track 120 treadwear) and Medium (Street 180 treadwear)
- **Size range** from 13" up to 18"
- **Ultimate grip** without compromising wet weather performance
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West Bromwich, West Midlands B70 9DP

Email Motorsport@nankangtyre.co.uk | Tel 0121 500 5010

(L) Permitted Tyres

INTERCO

- Ground Hawg Bias
- Ground Hawg Radial
- Narrow Super Swamper (SS)
- SS M16
- SSR
- Super Swamper
- TrXus MT/STS
- TSL Radial
- TSL/SX

KINGPIN

- KMTR Mud Terrain
- (Technic) Amazon

KIROV

- K-151

KUMHO

- 834
- KL71 MT
- KL72
- KL73

LASSA

- LT/A
- OK-144

MALATESTA

- Kobra Trac MT

MARIX

- Puma

MARSHAL

- Road Venture MT 834

MATADOR

- MP 75 – Wisentta

MAXSPORT

- Mud Plugga

MASTERCRAFT

- MT

MAXXIS

- M8060 Trepador
- MT754 Buckshot Mudder

MERIT

- All Country MT

MICKY THOMPSON

- BAJA MTZ Radial

MICHELIN

- XZL (mud terrain)

MUD COUNTRY

- Remoulds

NEXEN NITTO

- Mud Grappler

PIRELLI

- Scorpion Mud

PRO COMP

- Mud Terrain
- X Terrain
- XTreme Mud Terrain

SIMEX

- Jungle Trekker

SPORTWAY

- MT+

TECHNOSPEED

- Bandetia Match Concept
- Cross Power

TOYO

- Transpath MT
- Open Country MT

UNIROYAL

- Laredo HD-T

YOKOHAMA

- Geolandar GOO1 MT

5(c) AGGRESSIVE Tyres in Lists 5(a) and (b) and the following:

BRONCO

- Diamond Back
- Grizzly Claw

DICK CEPEK

- Crusher

FEDIMA

- Trekker

INSA TURBO

- Special Track

INTERCO

- TSL Super Swamper Bogger

KINGPIN

- Highlander Diamond

MALATESTA

- Kobra Trac Diamond
- Kaiman

MAXSPORT

- Diamond Off Road Tyre

MICKY THOMPSON

- Baja Claw
- Baja Claw Bias Belted

MARIX

- Lion

MAXXIS

- M8060 Trepador Competition

PIT BULL

- Rocker

RECIP

- Maxi 3D O/R
- Trial M/T

SIMEX

- Extreme Trekker

STONE COUNTRY

- Diamond

SUPERTRACK

- Diamond



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ANDREW WOOD MOTORSPORT
(For Rally Tyres in Scotland)
ANDREW WOOD
Tel: 01896 820263 or 07971 242401
email: andrew@scottsvie.co.uk

PROTYRE MOTORSPORT
SHAUN CHETWYN
Tel: 01782 411001
email: sales@protyremotorsport.co.uk

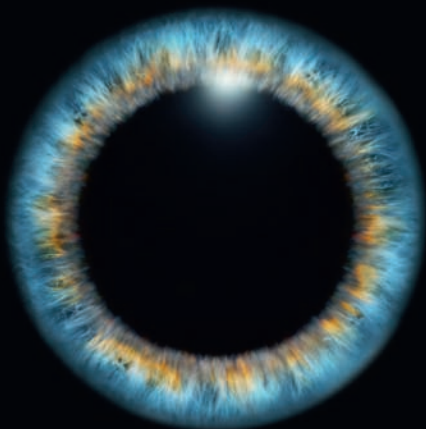
SILVERLINE WHEELS AND TYRES
ANTONY & IAN BARNESLEY
Tel: 01926 490002
email: ian@silverlinewheels-tyres.com

EIRE

S W ADAIR
BILL ADAIR
Tel: 07831 717798 or 02881 648428
email: swadair@googlemail.com

OR FOR FURTHER DETAILS

PIRELLI MOTORSPORT
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POWER IS NOTHING WITHOUT CONTROL

TECHNOLOGY
DESIGNED WITH
THE BEST CAR
MAKERS TO
ENHANCE THE
PERFORMANCE
OF YOUR CAR.

(L) Permitted Tyres

LIST 6

Tyres for unsealed surface Stage Rallies:

Other than as specified below only the tyres listed here are permitted for stage rallies subject to R1.4.1.

Cars using wheels of 12in diameter or less are exempt but the tyres may not be hand cut in any form.

Cross Country vehicles with a valid CCLB and for which a suitable fitting is not available may use tyres from Lists 5(a) or 5(b).

Cars may use any remoulded tyre provided it is not hand cut in any form.

Where conditions dictate the Clerk of the Course, with the agreement of the Stewards of the Meeting, may declare the event to be of "Winter Conditions" and suspend the requirement to comply with Tyre List 6.

DMACK

- DMG+
- DMG+2
- DMG1
- DMG2

- DMG3
- Surface Saver

DUNLOP

- DZ86 R/RW
- DZ87R
- *SP61/82
- *SP85

HANKOOK

- R201
- R202
- R203 NEW
- R203
- R204

KUMHO

- *R700
- R800
- R900

MAXXIS

- Victra R19

MICHELIN

- *FB
- *LATCROSS HR/HL
- *TL40
- *TL
- *TZ
- *TZS

PIRELLI

- GM
- K
- KM
- XR
- Scorpion XR

YOKOHAMA

- A035
- A035E
- A036
- A053

MAXSPORT

- RB3 Narrow
- RB3 Ultra
- RB3

REVOLUTION

COMPETITION ▲ WHEELS



GR14 RALLY

15 X 6.0 TO 15 X 7.0 / 16 X 5.5 TO 16 X 7.0



MILLENNIUM RALLY

15 X 7.0 TO 15 X 8.0 / 16 X 5.5 TO 16 X 8.0
17 X 7.5 TO 17 X 8.0 / 18 X 8.0



**MILLENNIUM II RALLY
FLOW-FORMED**

18 X 8.0



4 SPOKE RACE

13 X 5.5 TO 13 X 10.0



4 SPOKE RALLY

13 X 5.5 TO 13 X 10.0



5 SPOKE RALLY

15 X 5.5 TO 15 X 10.0



RFX RALLY

13 X 5.5 TO 13 X 6.0 / 14 X 5.5 TO 14 X 6.0



8 SPOKE RALLY

13 X 6.0 TO 13 X 9.0 / 15 X 5.0 TO 15 X 10.0

For more information contact:

Revolution Wheels International Ltd, Unit 1d Oaklands Farm, Higham Lane, Wykin Village, Leicestershire, LE10 3EF, UK

TEL +44 (0) 1455 612406 • FAX +44 (0) 1455 635967 • MOB +44 (0) 7702 845264

www.revolutionwheels.com • info@rwil.org.uk

MOTOR SPORTS ASSOCIATION

U18 POLICY

As the governing body of UK motor sport, the Motor Sports Association is committed to ensuring the welfare, development and education of young participants in motor sport.

Education

- The MSA believes that all young participants (and their parents) should understand the importance of maintaining their education alongside motor sport activities, particularly those students who are legally obliged by their age to continue in full-time education.
- The MSA believes that time taken out of school for the purposes of motor sport activities should be kept to a minimum.
- The MSA believes that the educational development of a young person should always take precedence over motor sport activity.
- The MSA will work with championships and events to avoid potential conflict with educational commitments wherever possible.

Child protection

- The MSA has an obligation to ensure that MSA licensed coaches, instructors and officials provide the highest possible standards of care when given responsibility for young people.
- The MSA provides a Child Protection Policy which includes details on the recruitment, selection, suitability and deployment of individuals working with young people in motor sport.
- The MSA requires that MSA licensed officials who come into contact with minors under 18 years of age during the course of their duties should be in possession of a current Disclosure and Barring Service (DBS) check at enhanced level.
- The MSA has contracted GBGroup to undertake the DBS checking process on its behalf.

Anti-doping

- The MSA believes in the right of competitors to participate in doping-free sport and has adopted the FIA's Anti-Doping Protocols.
- The MSA believes that all licence holders should be aware of the anti-doping commitments they make when signing their licence application form.
- The MSA recognises that Anti-Doping legislation may be difficult for competitors to comprehend and is therefore able to supply licensed competitors with a simplified guide to Anti-Doping legislation.
- MSA Coaches regularly deliver Anti-Doping workshops to competitors in a range of championships.

Go Motorsport

- The MSA is committed to attracting new people to motor sport through the Go Motorsport campaign.
- The MSA has appointed Regional Development Officers (RDOs) to work with clubs and organisations and to spread the motor sport message through presentations to schools and colleges.
- RDOs are also tasked with working with MSA Clubs to assist their development activities
- The MSA does not charge competitors under 16 years of age for their first MSA competition licence.

Official designation

The MSA will designate as 'U18-compliant' those clubs, championships and events that commit to uphold the principles outlined in this MSA U18 Policy.

**Further information is available in the MSA Child Protection Policy from the MSA website or on request directly from the MSA.*





Specific Regulations for Autotests

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Organisers' Regulations applying to all events

1. Permits for the organisation of Autotests, Production Car Autotests and AutoSOLOs are issued at the sole discretion of the MSA.

1.1. A Club can only organise an Autotest or AutoSOLO event up to and including Clubman status unless all necessary upgrading criteria for a higher status have been complied with. Permits for Production Car Autotests will only be issued at Clubman status.

1.2. For an Autotest or AutoSOLO to be considered for upgrading to National B status it must first be observed in the same format as a Clubman event and have a minimum entry of 15 starters.

Clerk of the Course Duties

2. The duties and responsibilities of the Clerk of the Course at Autotest and AutoSOLO events includes ensuring the following:

- The maximum size for any timed test site is 200m by 200m. The 200m applies to the length and width of the area on which the test is conducted and not the actual distance covered by a car performing the test.
- At all timed tests, all spectators and non-essential Marshals not protected by a solid barrier capable of stopping a car must be separated by rope or fencing at least 10m from the edge of the course, and at least 20m from the Finish Line. Any space at the edge of the course allowed for braking and changes of direction must not impinge on the above distances.

2.1. Every test must have at least one person responsible for:

- The general running of the test
- Observing and recording penalties
- Recording the times taken
- Completing the score card with the addition of penalties.

2.2. Judges of Fact must be appointed to each test to adjudicate on excessive sound.

2.3. Warning notices as required by D.31.1 must be displayed.

2.4. Fire extinguishers (minimum 5kg total capacity in units of not less than 2kg) must be available at each test site.

2.5. The Organisers must provide a First Aid Kit.

2.6. A medium sized spill kit must be available at each test site.

Test Layouts

3. Cars must not be allowed to travel more than 100m (between manoeuvres) without having to stop astride a penalty line and reverse or drive clear of the line, or manoeuvre in a garage or box.

3.1. Competitors must either stop a stride a penalty line or make a change of direction of at least 90° at a distance of not more than 25m before the Finish line.

3.2. The route must be made available to all Drivers before any test.

3.3. There must be no optional direction of travel, except as specified in 7.7.

3.4. Clarification of where and how a change of direction or spin turn may be made without incurring a penalty must be available on request to all Competitors before the start of any test.

3.5. Practising for tests is not permitted.

Autotests

4. Any 'garage' used in an Autotest must have a minimum length of 5m and a minimum width of 3m.

4.1. When Competitors are required to perform a 180° turn in a box, the size of the box should be sufficient to contain a circle of 14m diameter.

4.2. Markers should be not less than 1m in height, unless the Supplementary Regulations (SRs) or test instructions specify otherwise.

All Forwards Autotests

5. In tests where the direction of travel is all forward and there are no penalty lines (other than the Start and Stop lines), Competitors must change direction at most every 50m by:

- Executing a turn of over 180° around a single marker, or
- Changing direction through a three marker line either in slalom fashion or by completing a turn of between 90° and 180°, or

- c) Changing direction through a three marker triangle whose base is at right angles to the original line of travel requiring Competitors to turn through 90° from the line of entry.

5.1. Whichever of the above methods is used to change direction, this will not preclude the inclusion of less severe slalom manoeuvres which produce turns of less than 90° being incorporated between the mandatory directional changes every 50m.

5.2. All lines, or pairs of adjacent markers, forming part of any all-forward test must be a minimum of 3m and a maximum of 4m long or apart.

See Appendix 1, Drawing number 5.

5.3. Example of a test showing all 8-10 elements in use. Only applicable where direction of travel is all forwards.

Production Car Autotests

6. Lines and gates must have a minimum width of 3.5m and markers should be at least 1m high.

6.1. Any 'garage' must have a minimum length of 6m and a minimum width of 3.5m.

6.2. When Competitors are required to perform a 180° turn in a box, the size of the box must be sufficient to contain a circle of 16m diameter.

6.3. The start and finish of all tests must be in a forward direction and all tests must be arranged so that the whole of the course is visible to the Driver from the Start line.

6.4. Each test must be designed so that a Competitor is not expected to engage reverse gear more than four times (ignoring manoeuvres to correct mistakes).

6.5. Each test must be run at least twice, and preferably more than twice.

6.6. Each Competitor's worst performance at each test will be discarded in arriving at total penalties for the event.

Test Procedures

7. Drivers will be considered under Starter's orders when instructed by an Official to proceed to the Start line.

7.1. Drivers then failing to proceed may forfeit their run or may be penalised in accordance with Table M.7(a).

7.2. A start will only be valid if made under the vehicle's own power.

7.3. When a car is required to stop astride a line, the line must be between its front and back axles and all the area of the tyres in contact with the ground must be seen to have crossed the full width of the line.

7.4. Similarly, if a car is required to cross a line with all four wheels, all tyre contact area must be seen to be clear of the line.

7.5. Timing at completion of a test must be based on the leading wheel (on the same axle) crossing the Finish line.

7.6. Penalties will be applied for failure to cross the line, or alternatively, if timed to a flying finish, for crossing the baulk line. In the event of Competitors performing a test incorrectly, their times must still be recorded, together with the appropriate penalties.

7.7. In any diagram illustrating a test, the dimensions should be approximate and for guidance only.

Indications of the direction of travel of the competing cars when crossing a line, or passing between markers, must be shown unless specified otherwise (ignoring 'shunts' to avoid markers).

7.8. All Autotests. A maximum penalty (see Table M.7(c)) shall be applied if a competitor crosses with both leading wheels a marked test line in the wrong direction, out of the prescribed sequence or too many/few times, otherwise competitors may correct their mistakes by returning to the point where they deviated from the test diagram, unless otherwise stated in the SRs.

7.9. In changes of direction and spin turns, either lock can be used (unless the test diagram specifically states otherwise). It is recommended for safety reasons that Drivers are on the 'inside' during spin turns.

7.10. Clerks of the Course wishing to define direction of travel between markers should include any necessary marked line(s).

7.11. In the event of re-run caused by a timing failure, the greater number of penalties incurred in either run will be added to the time taken in assessing the performance on that test.

Marking

8. Judges must be appointed to each test to adjudicate on:

- a) False starts
- b) Crossing/failing to cross marker lines
- c) Touching markers and not following correct route.

8.1. Competitors will be provided with a score card for the Organisers to record times and penalties at the completion of each test run (13).

8.2. Marks will be lost for time taken (if applicable) and for any infringements of the test instructions, such as striking a marker or crossing a boundary line (9).

Results

9. To be classified as a finisher, Competitors must complete not less than half of the tests and must hand in their score card to Officials within 15 minutes of all other Competitors completing the final test.

9.1. Competitors will start with zero marks.

9.2. All Class awards must be calculated on the basis of penalty marks lost, with the Competitor incurring the least penalty points being judged the winner.

9.3. In the event of a tie, the Competitor who was first to have the lesser penalty from the start will be adjudged the winner, unless another method of resolving ties is stated in the SRs.

9.4. Performance will be assessed as in Table M.7, unless the 'Marks Lost' stated are modified by the SRs. See Appendix 1, Table M.7.

Note: Throughout these sections an asterisk(*) indicates a requirement for additional information to be printed in the Supplementary Regulations (SRs).

Text shown in Italics indicate a Regulation which may be amended in the SRs.

(M) Autotests

Competitors' Regulations applying to Autotests

Licences

10. Competitors must produce a valid Club membership card and, where required, a valid Competition Licence (A.17, A.20, Section D.4.3, D.4.5, Section H).

10.1. Competitors must declare on their entry form if they hold a valid RTA Licence.

10.2. Competitors holding a full RTA licence may use any vehicle allowed by the Technical Regulations.

Minimum Ages and Unlicensed Drivers

Autotests

11. Entries may be accepted from Drivers who are 16, and over who do not have a full RTA Licence, subject to the following.

- a) The vehicle must by definition be a 'touring car'.
- b) Engine capacity must not exceed 1400cc.
- c) Forced induction is not Permitted.

Production Car Autotests

12. Entries may be accepted from Drivers who are 14 and over.

- a) However, for drivers not holding a full RTA Licence, the Passenger must hold a full RTA Licence and be experienced in Autotesting.
- b) The vehicle must be by definition a 'touring car'.

Instructions to Competitors

13. Before the start, cars and Competitors (including any Passengers) must be checked for eligibility.

13.1. Any Competitor not reporting as instructed may be fined, penalised, excluded or forfeit their starting position.

13.2. No Passenger is allowed to be carried in any timed test except in Production Car Autotests.

13.3. Cars competing in Autotests must comply with Technical Regulations 16-18.

13.4. A car may not be entered to compete for the same award more than twice, unless Permitted by the SRs, and in all circumstances it must be driven by different Drivers.

Production Car Autotests

14. One Passenger must be carried in each competing car to assist in giving directions to the Driver.

14.1. The Passenger must occupy the seat alongside the Driver and wear a properly fastened and approved seat belt at all times during the test.

14.2. No other Passenger is allowed.

14.3. If the Driver holds a valid, non-provisional RTA Licence, the Passenger must be 12 years or over.

14.4. Cars competing in Production Car Autotests must comply with Technical Regulations 18 and Section J.

Supplementary Regulations

15. The Supplementary Regulations must specify:

- a) *Details of the tests or when these details will be notified to Competitors
- b) *The number of runs per Driver and how these count towards the results
- c) *The method of identifying cars
- d) *The method of timing and whether or not the timing apparatus is started by the car or by the starting signal
- e) *The starting signal.

Technical Regulations applying to Autotests

All Autotests

16. Vehicles competing in Autotests must comply with the following:

16.1. Body (including Aerodynamics)

- a) Body shape must conform to the original silhouette of the production vehicle and retain the original layout of engine and transmission
- b) Bumpers can be removed and wheel arch extensions added
- c) An effective windscreen or Aero-type screen must be fitted.
- d) Any areas of window, opening or transparent material originally specified as part of the vehicle to provide Driver visibility must remain consistent with the original specified dimensions and position. No additional areas may be added. If a vehicle is equipped with any such additional areas they must be rendered opaque before the vehicle is allowed to compete.
- e) Vehicles not complying with the above will be classified as Specials.

16.2. Engine must comply with J.5.4.

16.3. Silencing must comply with silencing levels in J.5.17.

16.4. Safety: all open cars and Specials are recommended to fit safety roll-over bars to at least K.1.6.1.

16.5. – see 16.1(d).

16.6. – see 16.1(e).

16.7. The following parts of Section J remain unmodified by this section: Chassis; Seating; Suspension; Brakes; Steering; Tyres; Cooling; Oil Systems; Fuel Systems; Electrical Systems; Weight/Ballast; Exhausts; Silencing.

16.7.1. All vehicles should carry a small spill kit complying with J5.20.13.

16.8. Tyres from List 1b are not permitted.

17. Miscellaneous

17.1. Any entered vehicle must be currently registered and taxed as a private car, unless otherwise specified in the SRs. Whilst on the Public Highway, vehicles must comply with all Statutory Regulations as to Construction and Use.

17.2. Battery-powered and light commercial vehicles may compete in appropriate Classes, subject to SRs.

17.3. Production cars whose original wheelbase is less than that specified in J.5.20.7 are Permitted.

Production Car Autotests

(In addition to 16 & 17)

18. Classes are free, but the class structure must be stated in the SRs.

18.1. Every PCA car must have been in series production and on general catalogued sale, available from stock through normal retail dealer outlets in the UK.

18.2. Open or sports cars can only compete with their hoods erected or a hard top fitted.

18.2.1. When an event is organised solely for open or sports cars, hoods need not be erected nor hard tops fitted, provided that all drivers hold a full RTA licence and all passengers are aged 16 or over.

Organisers' Regulations applying to AutoSOLOs

AutoSOLOs

19. Only sealed surfaces can be used for AutoSOLO tests which must be run in an all-forwards direction.

19.1. The course must consist of a series of gates, slaloms and turns of at least 90° every 60m.

19.2. The maximum spacing of cones in a slalom along the line of the test is 20m.

19.3. Turns of over 90° must be on a minimum radius of 5m.

19.4. All lines, or pairs of adjacent markers, forming part of any all-forward test must be a minimum of 3m and a maximum of 4m long or apart.

19.5. Markers should be not less than 1m in height, unless the Supplementary Regulations (SRs) or test instructions specify otherwise.

19.6. A typical test is illustrated in Appendix 1, Drawing number 19.

Test Procedures

20. Drivers will be considered under Starter's orders when instructed by an Official to proceed to the Start line.

20.1. Drivers failing to proceed may forfeit their run or may be penalised in accordance with Table M.7(a).

20.2. A start will only be valid if made under the vehicle's own power.

21. Timing at completion of a test must be based on the leading wheels (on the same axle) crossing the Finish line.

21.1. Penalties will be applied for failure to cross the line, or alternatively, if timed to a flying finish, for crossing the baulk line.

21.2. In the event of Competitors performing a test incorrectly, their times must still be recorded, together with the appropriate penalties.

22. In any diagram illustrating a test, the dimensions should be approximate and for guidance only.

22.1. Indications of the direction of travel of the competing cars when crossing a line, or passing between markers, must be shown unless specified otherwise (ignoring 'shunts' to avoid markers).

23. A maximum penalty Table M.7(c). will be applied if a competitor fails to follow the prescribed test route by passing the wrong side of one or more markers, without correcting the mistake by returning to the point where they deviated from the test diagram, before crossing the test finish line.

24. Clerks of the Course wishing to define direction of travel between markers should include any necessary marked line(s).

25. In the event of re-run caused by a timing failure, the greater number of penalties incurred in either run will be added to the time taken in assessing the performance on that test.

Marking

26. Judges must be appointed to each test to adjudicate on:

- a) False starts
- b) Touching markers and not following correct route.

26.1. Competitors will be provided with a score card for the Organisers to record times and penalties at the completion of each test run (30).

26.2. Marks will be lost for time taken (if applicable) and for any infringements of the test instructions, such as striking a marker or crossing a boundary line (27).

Results

27. To be classified as a finisher, Competitors must complete not less than half of the tests and must hand in their score card to Officials within 15 minutes of all other Competitors completing the final test.

27.1. Competitors will start with zero marks.

27.2. All Class awards must be calculated on the basis of penalty marks lost, with the Competitor incurring the least penalty points being judged the winner.

27.3. In the event of a tie, the Competitor who was first to have the lesser penalty from the start will be adjudged the winner, unless another method of resolving ties is stated in the SRs.

27.4. Performance will be assessed as in Table M.7, unless the 'Marks Lost' stated are modified by the SRs. See Appendix 1, Table M.7.

Competitors' Regulations applying to AutoSOLOs

Licences

28. Competitors must produce a valid Club membership card and, where required, a valid Competition Licence (D.4.3, D.4.5, Section H).

(M) Autotests

28.1. Competitors must declare on their entry form if they hold a valid RTA Licence.

28.2. Competitors holding a Full RTA Licence may use any vehicle allowed by the Technical Regulations.

Minimum Ages

AutoSOLOS

29. Entries may be accepted from Drivers who are 16 and over without a full RTA Licence, provided the vehicle used is by definition a 'touring car'.

Instructions to Competitors

30. Before the start, cars and Competitors must bechecked for eligibility.

30.1. Any Competitor not reporting as instructed may be fined, penalised, excluded or forfeit their starting position.

30.2. No Passenger is allowed to be carried in any timed test.

30.3. Cars competing in AutoSOLOS must comply with Technical Regulations 32-33 and Section J.

30.4. A car may not be entered to compete for the same award more than twice, unless Permitted by the SRs, and in all circumstances it must be driven by different Drivers.

Supplementary Regulations

31. The Supplementary Regulations must specify:

- a) *Details of the tests or when these details will be notified to Competitors
- b) *The number of runs per Driver and how these count towards the results
- c) *The method of identifying cars
- d) *The method of timing and whether or not the timing apparatus is started by the car or by the starting signal
- e) *The starting signal.

Technical Regulations applying to AutoSOLOS

All AutoSOLOS

32. Vehicles competing in AutoSOLOS must comply with the following:

- a) Body (including Aerodynamics)
- b) Body shape must conform to the original silhouette of the production vehicle and retain the original layout of engine and transmission
- c) Bumpers can be removed and wheel arch extensions added
- d) An effective windscreen or Aero-type screen must be fitted
- e) Engine must comply with J.5.4
- f) Silencing must comply with silencing levels in J.5.17
- g) Safety: all open cars and Specials are recommended to fit safety roll-over bars to at least K.1.6.1.
- h) Tyres from List 1b are not permitted.

32.1. The following parts of J remain unmodified by this section: Chassis; Seating; Suspension; Brakes; Steering; Tyres; Cooling; Oil Systems; Fuel Systems; Electrical Systems; Weight/Ballast; Exhausts; Silencing.

Miscellaneous

33. Every AutoSOLO car must have been driven to the event, must be currently registered (no trade plates), taxed, insured and, where appropriate, in possession of a valid MOT certificate, where appropriate, which must be available for scrutiny at the event.

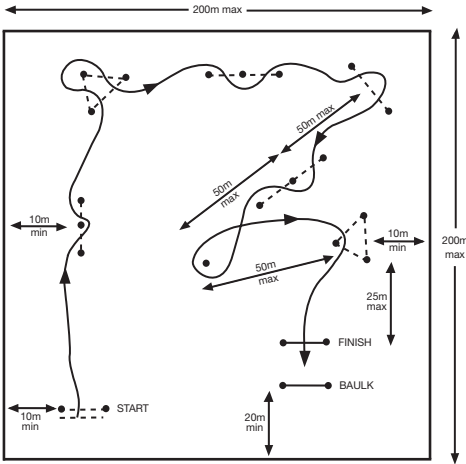
33.1. Whilst on the Public Highway, vehicles must comply with all Statutory Regulations as to Construction and Use.

33.2. Battery-powered and light commercial vehicles may compete in appropriate Classes, subject to SRs.

33.3. Production cars whose original wheelbase is less than that specified in J.5.20.7 are Permitted.

Appendix 1: Drawing and Table

Drawing number 5



Drawing number 19

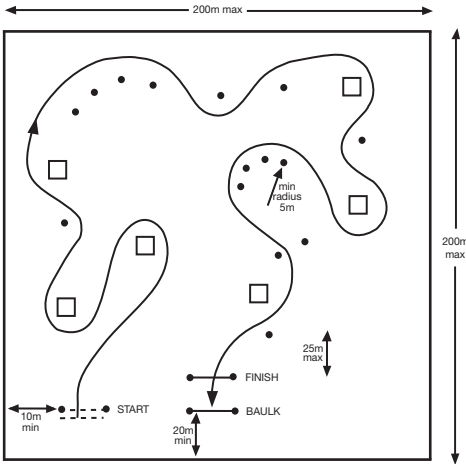


TABLE M.7	Marks lost		
	AutoSOLO	Autotest	PCA
(a) Each minute late in reporting at the start or a restart	5	5*	5*
(b) Not attempting or being ready to attempt a test when instructed to do so	20*	30*	40*
(c) Not performing a test correctly, other than in (d) or (e) or not completing the test or making a false start	20*	30*	40*
(d) Striking any barrier, wall or marker or crossing the boundary of a test (per mistake)	5	10	5
(e) Failing to cross or stop at any line or specified position as required in a test (per mistake)	10	5	5
(f) Every second (and fraction) taken to complete test	1 and fraction	1 and fraction	
(g) Every second (ignoring fractions) to complete test			1 no fractions

* Plus the lowest by any competitor in the class making an attempt correctly on that run.
The maximum penalty (including time) for any test cannot exceed penalty (b) or (c) above.

(M) Autotests

A Summary of Key Requirements

Maximum Test Area	Autotest with Reversing 200m x 200m	Autotest all Forwards 200m x 200m	Production Car Autotests 200m x 200m	"Common Rules" Test Area for Autotest 200m x 200m	AutoSolo 200m x 200m
Surface	Free	Free	Free	Free	Sealed
Cone height "should" be	1m	1m	1m	1m	1m
Gate width	Free	3m min - 4m max	3.5m min	3.5m - 4m	3m min - 4m max
Maximum distance before manoeuvres	50m	50m	50m	50m max	60m
Reverse gear engagements	Free	Should be none!	4 max	"None"	Should be none!
Turns over 90°	Free	Free	Free	Free	min 5m radius
180° turn in box	14m dia min	14m dia min	16m dia min	16m dia min	min 5m radius (10m Ø)
"Garage" size (minimum)	5m x 3m	N/A	6m x 3.5m	N/A	N/A
Slalom spacing					20m max
Technical					
MOT	No - if SR state not needed	No - if SR state not needed	No - if SR state not needed		Yes
Tax	No - if SR state not needed	No - if SR state not needed	No - if SR state not needed		Yes
Minimum age driver	16	16	14		16
Maximum cc	1400*	1400*	Touring car - unlimited		Touring car - unlimited
Passenger allowed	No	No	Mandatory - Must have Full RTA Licence and Autotest experience if driver does not		No
Minimum age passenger	None allowed	None allowed	12 - if driver has Full RTA licence and Autotest experience		None allowed
Type of car - young driver	Touring car	Touring car	Touring car		Touring car
Open or closed cars	Any	Any	Closed only ⁽¹⁾		Any
Battery powered and light commercial vehicles	Subject to SRs	Subject to SRs	Subject to SRs		Subject to SRs
Must be driven to event	No	No	No		Yes

Note: Section J5 applies in addition to Section M.

* Unlimited when driver holds a Full RTA Licence.

(1) 18.2.1.

Specific Regulations for Autocross and Rallycross (N)



Specific Regulations for

Autocross and Rallycross

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Autocross and Clubcross Events

Organisers' Regulations

1. Permits for Autocross and Clubcross events are issued at the sole discretion of the MSA and are subject to prior approval of the track details.

1.1. A Club will only be allowed to organise an Autocross event of up to National B status unless the MSA has specifically approved an application for higher status.

1.1.1. A Club will only be allowed to organise a Clubcross event if in possession of a Clubman grade Permit.

Track Criteria

2. The requirement for a Track Licence will be waived, subject to approval of the Track Plan for the proposed course.

2.1. The Track Plan must be submitted to the MSA for approval with the Permit application and must be on a sheet A4 scale or larger. It must include:

2.1.1. Name of the organising Club, date of event and name of venue.

2.1.2. Length of course (per lap).

2.1.3. Length of longest straight.

2.1.4. Position of the Start/Finish line and direction of travel.

2.1.5. Minimum width of course.

2.1.6. Position of paddock and spectator enclosures and their distances from the course.

2.1.7. Type of fencing surrounding enclosures (a post and rope fence is the minimum Permitted)

2.1.8. Position and type of protective barriers

2.1.9. Distance from the course to all boundary lines

2.1.10. Types of boundaries (ie hedge, fence, wire; if wire: mesh, plain or barbed)

2.1.11. Type of course markers

2.1.12. Number of Judges required to ensure that all course markers can be overseen by a Judge

2.1.13. Siting of Timekeeper, Flag Marshals, fire, emergency and first aid equipment and ambulance

2.1.14. Number of cars proposed to start consecutively (see 2.13).

Course Layout

2.2. The course should not include any straight exceeding 200m long, and all straights must be followed by a corner of at least 90°, off-setting the course from its original line by at least twice the width of the track.

2.2.1. The Start line should be not less than 100m from the first corner.

2.2.2. The Finish line should be situated so as not to allow competing cars to be driven in a straight line from the course to the paddock. Bales must protect the spectator and paddock areas where the entrance to the paddock is less than 30m from spectator enclosures.

2.2.3. The paddock and any spectator enclosures should not be less than 30m from the course where there is no barrier designed to halt a competing car travelling between these enclosures and the course. Where there is a barrier, the distance should not be less than 25m all the way round corners, and 20m alongside straights. The minimum acceptable barrier will be two rows of straw bales or equivalent, placed approximately half way between the course and the enclosures. The rows of bales must be approximately 3m apart and if each row is not continuous, any gaps must not exceed the length of a bale.

2.2.4. Any cars parked in an enclosure must be at least 10m from the front of the enclosure.

2.2.5. Any natural hazards, such as trees, ditches and fences, must not be less than 20m from the course, or, in the case of any strand or barbed wire fence, not less than 30m from the course (though where hazards on the inside of the course are protected by straw bales or the equivalent, a 10m clearance from the track is sufficient). Straw bales must not be used as course markers.

2.3. Clubcross courses must comply with 2.2.1, 2.2.2, 2.2.3, 2.2.4 and 2.2.5 and the following:

2.3.1. The maximum length must not exceed 800 metres.

2.3.2. The maximum length of any straight must not exceed 100m and all straights must be followed by a corner of at least 90°, off setting the course from its original line by at least twice the width of the course.

Organisation

2.4. The course must be defined by penalty markers placed on both sides of the track.

2.4.1. The number of penalty markers must be kept to the minimum necessary to ensure that cars keep to the course.

2.4.2. All penalty markers must be supervised by a Judge, who must be in a safe location.

2.4.3. Other markers can also be used to show the outline of the course, but the penalty markers must be at least twice the height and of a different colour to any other markers.

2.4.4. There must be an adequate supply of spare markers and sufficient Officials to ensure that any marker that is displaced is immediately reinstated.

2.5. The course must not be changed once practice has commenced, except as instructed by Stewards to improve safety.

2.5.1. Any such change should be made at an appropriate time when all Competitors will have an equal number of runs on the modified course. **2.5.2.** Competitors must be informed of any such change and given the opportunity to inspect and comment upon the modifications.

2.6. Only a visual communication system is mandatory.

2.6.1. At each corner of the course, there should be at least one Flag Marshal as well as one Fire Marshal with an extinguisher to cope with a petrol or electrical fire.

2.6.2. In the paddock, at least one 9kg dry powder or equivalent extinguisher, one fire resistant blanket and a pair of fire resistant gloves should be available.

2.6.3. A Small Spill Kit must be available in the paddock area.

2.7. Only red flags will be issued to Marshals for signalling purposes.

2.7.1. If a heat is stopped by a red flag, it must be rerun.

2.7.2. Any car which had not started, or which had retired from that heat, may not take part in the rerun.

2.8. The appropriate local hospital authorities must be notified of the date and time of an event, including practice.

2.9. MSA Timekeepers and Scrutineers, appropriate to the grade of the event, must be appointed.

2.10. It is strongly recommended that a breakdown vehicle capable of lifting at least two wheels of a competing car off the ground is in attendance.

2.11. Clubcross events must not be timed to an accuracy of less than one second.

2.11.1. Timing should be by handheld watches and the appointment of an MSA-licensed Timekeeper is recommended.

2.11.2. Clubcross cars must be scrutineered for basic safety, preferably by an MSA licensed Scrutineer.

Practice and Starts

2.12. All Competitors must be allowed three practice laps, except where they are required to walk the course before competitive runs begin (or are allowed to drive over it at non-competitive speeds) when only two practice laps will be allowed.

2.12.1. The Specific Regulations (SRs) must specify the starting signal, the method of timing and when timing commences.

2.12.2. Cars will be started in groups from a standing start with engines running.

2.12.3. The Finish line must be clearly indicated.

2.12.4. All Clubcross Competitors will be given the opportunity to walk the course prior to competing, but no practice runs will be allowed, with all runs counting towards the Competition.

Number of Starters

2.13. If the course is less than 10m wide, a maximum of two cars can be started consecutively. The second car is started when the first has a lead of not less than 200m (or one-third of a lap, whichever is the lesser). If the course is less than 10m wide but over 600m long, three cars can run consecutively so long as they are started not less than 200m apart.

2.13.1. If the course is less than 10m wide at any point but over 600m long, two cars can be started simultaneously and a second pair started when the slower car of the first pair is at least 300m from the Start line.

2.13.2. If the course is not less than 14m wide at any point and over 1200m long, two cars can be started simultaneously and a second pair started when the slower car of the first pair is at least 300m from the Start line. A third pair can be started when the slower car of the second pair is at least 200m from the Start line.

2.13.4. If the course is not less than 15m wide at any point and over 600m long, four cars may be started simultaneously.

2.13.5. The starting of cars consecutively at 200m intervals is subject to their being reasonable visibility. Where visibility may be impaired, cars should be started at greater intervals or singly, so that there is no possibility of overtaking.

2.13.6. In the interests of accurate time-keeping, and because of the difficulty of correctly lining up vehicles on a soft surface, vehicle-actuated starts are not permitted on non-metalled surfaces.

2.13.7. Only one car may run at a time in Clubcross events.

Team Relays

2.14. In Autocross relay events where cars of more than one team are on the course, all cars other than the first to start must be located in a safe position on the inside of the course with their Drivers aboard.

2.14.1. Any car finishing, except the last car of a team, must do so by crossing a special line adjacent to but outside the course proper. The car must then stop at a

Note: Throughout these sections an asterisk(*) indicates a requirement for additional information to be printed in the Supplementary Regulations (SRs).

Text shown in Italics indicate a Regulation which may be amended in the SRs.

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specified location and the Driver remain aboard until instructed by an Official to remove the car to the paddock.

2.14.2. As soon as the front wheels of a finishing car cross this special line, an Official will indicate with a green flag that the next team car can proceed. All Drivers joining the course must do so with due regard to other Competitors already on the course.

Medical and Rescue Requirements

2.15. The minimum course requirements are for one Doctor or MSA-registered paramedic F.7.3 and one ambulance to be in attendance.

2.15.1. Ambulances should be equipped with basic resuscitation equipment and, if possible, a Casualty Immobiliser for handling patients over difficult terrain. This essential equipment should not have to be taken from any rescue vehicles which must remain at all times fully operational on the course. The ambulances must only be used in connection with casualties arising from the Competition.

2.15.2. The Organisers, in conjunction with the Chief Medical Officer, must ensure that during both practice sessions and Competition, adequate first-aid staff are in attendance (eg St John's or St Andrew Ambulance, Red Cross etc).

2.15.3. Clerks of the Course must have under their control either a licensed rescue vehicle or at least one emergency vehicle equipped with the following:

- Bolt cutters
- Pipe cutters capable of severing chassis tubes
- Tin snips
- Hacksaws complete with a quantity of blades
- Pad saw complete with a quantity of blades
- Spanners
- Fire resistant blanket
- Industrial gloves.

Awards

2.16. The maximum value of awards or benefits accrued to any Competitor in an event must not exceed the following:

2.16.1. Clubman and National B: £250

2.16.2. National A and International: No limit.

Off-Road Racing

2.17. Off-Road Racing, which includes Minicross and similar events, can only take place on a circuit complying with MSA regulations.

2.17.1. The maximum number of vehicles that can start a race is limited to 12.

2.17.2. Events must comply with the provision for Rallycross, particularly in relation to medical requirements.

2.17.3. Vehicle regulations must be laid down by the organising Clubs and approved by the MSA.

2.17.4. Competitors must comply with Sections H and S, and with the Regulations issued for the event.

2.17.5. Vehicles must remain in the paddock when not competing. They must not be driven in the paddock, or at any other time off the track, at a speed in excess of

5mph. They must not be driven into the spectators' enclosure at any time, without the express permission of the Clerk of the Course.

Competitor's Regulations

Autocross and Clubcross Events

3.1. *Cars must be presented for scrutineering and practice at the times specified in the SRs, with any previous Scrutineering tickets removed.

3.1.1. Classes must be specified in the SRs.

3.1.2. Any Competitor not reporting as instructed may be fined, excluded or may forfeit any claim to a favourable starting position.

3.1.3. Car being used must comply as follows:

- In Autocross with Technical Regulations 4.1 to 4.19
- In Clubcross with the whole of 4.20
- In Junior Autocross with 4.1 to 4.8 and 4.21.

Signing On

3.2. When signing on, a Competition Licence valid for the event must be produced (see Table in Section H).

3.2.1. Competitors must declare on their entry forms whether or not they have ever held a valid RTA licence.

3.2.2. Competitors aged 16 and above who have never held a valid RTA Licence must produce proof of having competed as a Driver in three Minicross or Clubcross events, or three other MSA-Permitted events (such as Kart Racing, Autotests, Production Car Trials, etc), or show proof of having completed an approved driving course at a Race or Rally School recognised by the MSA.

3.2.3. Competitors aged 14 and above can compete in Minicross (grid size to be a maximum of four cars) and Clubcross. In the case of Minicross, new Competitors will have to drive observed laps prior to practice. In the case of Clubcross they must drive observed laps prior to the Competition in order to satisfy the Clerk of the Course that they are competent to take part. Observed laps are not required if the Competitor can provide the Clerk of the Course with proof of having competed as a Driver in three other MSA-Permitted events.

3.2.4. Competitors aged 14 and above may compete in Junior Autocross, and may continue until the end of the year of their 17th birthday.

3.2.4.1. Grid size to be a maximum of four cars. and may not include any Class other than Juniors.

3.2.4.2. New Competitors will have to drive observed laps prior to the Competition in order to satisfy the Clerk of the Course that they are competent to take part, subject to the following:

- (i) Cars will start singly and run over three laps.
- (ii) No passengers are permitted in the vehicle.
- (iii) Observed laps are not required if the Competitor can provide the Clerk of the Course with proof of having competed as a Driver in three other MSA Permitted events.

Licence Upgrading Criteria

3.3. Autocross: See Table in H.

Scrutineering

3.4. No car may be driven in the event until it has been approved by an MSA Scrutineer at the meeting.

3.4.1. If after approval any car is dismantled or modified, or is involved in an accident, in a way which may affect its safety or eligibility, or any aerodynamic device is added or removed, it must be represented for approval. The Entrant is responsible for seeking fresh approval.

3.4.2. Any car involved in an incident from which it is unable to proceed must not be touched by anybody other than Officials without the specific approval of the Clerk of the Course. The Driver concerned may not drive again without the approval of the Medical Officer in Charge.

Drivers

3.5. The following items must be produced by Drivers for inspection and approval at Scrutineering and be worn throughout the Competition, properly fastened and positioned:

3.5.1. A crash helmet meeting all current regulations, which fits properly, is in a serviceable condition and bears an MSA approval sticker (see K.10.1 to 10.3.1).

3.5.2. Goggles or visor of splinter proof material (unless in a closed car with a full-size windscreen).

3.5.3. Flame-resistant overalls covering arms, legs and torso up to the neck. The use of a flame resistant balaclava, socks, shoes and underwear is strongly recommended (K.9.1 to 9.3).

3.5.4. Complete gloves (not mitts or gloves with open backs). The use of flame-resistant gloves is strongly recommended.

3.6. Any Driver who has not previously competed over the course within the preceding four weeks must complete at least one observed practice lap in the car to be raced. Only the Driver may be in a car during the Competition or practice.

3.6.1. In Autocross and Clubcross events, the same car may compete for the same award, however it must be driven by different Drivers.

3.6.2. Cars will be identified by Competition Numbers allocated by the Organisers, and displayed as specified in the Technical Regulations (J.4). The colour may be varied for different categories.

Results – Autocross

3.7. To be classified as a finisher in a Competition, a Competitor must complete at least one timed run.

3.7.1. Each Driver will be given two runs in the same car in each Class entered, the faster run to count unless the SRs specify otherwise.

3.7.2. The Competitor who completes the course fastest will be judged the winner.

3.7.3. Only an equal number of runs for all Competitors in the same Class will be counted. In the event of a tie between two or more Competitors, the results of the next fastest run recorded by the Competitors concerned will be compared, and so on.

3.7.4. If through their own error Drivers fail to record a time, they are not entitled to a re-run.

3.7.5. In other circumstances (eg baulking) a re-run may be granted by the Clerk of the Course who may order that any penalties incurred in the initial run are applied to the re-run.

3.7.6. A Competitor's time will be valid only if:

- All four wheels of the car are on the course when it crosses the Finish line
- The run is made in the correct period for the appropriate Class and no more than the appropriate number of timed runs has been made
- The Competitor has correctly complied with any starting signal
- The vehicle completes the correct course without outside assistance.

3.7.7. Where the boundaries of a course are defined by penalty markers (see 2.4), the following penalties will apply:

- If a car strikes a penalty marker, five seconds is added to the car's time for each marker touched
- If all four wheels of a car cross a straight line between any two markers, no time is recorded, and in addition the car must stop and not proceed until instructed to do so by an Official. Failure to stop may be deemed as driving in a manner incompatible with general safety (a breach of C.1.1.5).

Results – Clubcross

3.8. Competitors will be given the opportunity of a minimum of two runs, the aggregate time of which will count for the results.

3.8.1. If more than two runs are permitted, the worst time will be ignored and the aggregate of the remaining runs will count for the results.

3.8.2. The maximum number of runs must not exceed six.

3.8.3. All Competitors must have the opportunity to complete the same number of runs to count towards the results.

Technical Regulations

Autocross and Clubcross Vehicles

4.1. Racing Cars are prohibited.

Body

4.2. If one bumper is removed, then both must be, along with all supports.

4.2.1. Reinforcing the front apron is not permitted.

4.2.2. Any undertray must be provided with drainage holes to prevent accumulation of liquids.

Wheels

4.3. At the start of each heat or race, cars must be fitted with mudflaps behind all four wheels extending to a minimum of 3.8cm either side of the tyre tread and to a maximum of 7.6cm above the ground.

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4.3.1. All nuts securing roadwheels (except centre-lock types) must be made of steel and in thread contact over a minimum length of 1½in bolt/stud diameters.

4.3.2. Extended or composite wheel bolts/studs are prohibited.

4.3.3. The use of safety wheel nuts, to prevent wheels pulling over standard nuts, is strongly recommended.

Oil Systems

4.4. Any oil tank located outside the chassis or main structure of a vehicle must be covered with a protective coating (eg GRP).

Fuel Systems

4.5. These should be equipped with an effective method of stopping fuel supply which can be operated by the Driver when seated normally with seat belt secured.

Electrical Systems

4.6. Vehicles should be equipped with an ignition cut-off switch, having a clearly marked and positive ON-OFF position, which can be operated by the Driver when normally seated with seat belt secured. It must also isolate electric fuel pumps.

4.6.1. Any forward-facing lamps of more than 32 sq cm surface area must be adequately protected against glass breakage.

Safety

4.7. Closed cars must have a means of access on either side of the Passenger compartment which can be operated from inside or outside. Access must be sufficient to remove an occupant without interference from any door locking devices.

4.7.1. They must have an operating windscreen wiper and washer system.

4.7.2. The following parts of Section J remain unmodified: Chassis, Seating, Suspension, Steering, Cooling, Weight/Ballast, Exhausts, Protecting Bulkheads.

Miscellaneous

4.8. Cars must be fitted with at least one mirror of minimum surface area 50 sq cm securely mounted to give a clear view to the rear. The edges of the mirror must be protected by a suitable cover to help prevent injury in event of an accident.

4.8.1. Where advertising is allowed on windscreens, this must not obscure the Driver's vision nor reduce the minimum unobstructed vertical height to less than 25cm.

4.8.2. Vehicles must be presented at Scrutineering with all steering mechanisms, suspension linkages and flexible brake lines in a clean condition.

4.8.3. Four-wheel steering is permitted unless SRs state to the contrary.

Autocross Vehicles

4.9. Categories and Classes are free but must be stated in the SRs. The following Classes are

recommended and where used must comply with 4.9.1 to 4.9.4 and 4.10 to 4.19. Capacity splits must be specified in the SRs.

- A Economy – “standard” production saloon cars
- B Rally cars
- C All other cars based on production vehicles
- D Specials and all four-wheel drive vehicles.

4.9.1. Cars which have never been homologated, but which comply with R.46.2 and R.46.3, are eligible for Class B.

4.9.2. Except for Classes A and B, modifications are free within Vehicle Regulations.

4.9.3. Class A cars must comply with the following requirements:

- (a) The complete body shell, doors, boot or tailgate must be in production material, with no modification or lightening. Windscreens must comply with 4.10
- (b) No torque biasing, locked differentials or traction control devices are Permitted
- (c) Interior trim and lights may be removed but standard dashboards must be retained. Additional instruments may be fitted
- (d) All seats, apart from the Driver's, may be removed, but the specification of the Driver's seat may be changed
- (e) Wheel sizes must be as manufacturer's specification.
- (f) Wheel spacers are not permitted
- (g) Suspension operation must be as manufacturer's specification
- (h) No four-wheel drive system is permitted
- (i) The engine block (which may be bored out) must be standard for the model of car, with standard inlet and exhaust manifold. There can be a maximum of two chokes, unless the car is fitted as standard with more than two chokes. Fuel injection is Permitted if standard on the model
- (j) A roll-over bar or roll cage may be fitted
- (k) The manufacturer's original gearbox and axle, with all internals as originally supplied for that model of car, must be retained and in their original positions
- (l) Cars need not be taxed or insured.

4.9.4. Class B. Road Rally Cars must be taxed and comply with R.18 to R.18.6.4. Stage Rally Cars must comply with R.46.2, R.46.3 and R.47.1.1 Stage cars need not be taxed but for either a Road or Stage Rally Car, a current MoT, where appropriate, must be produced if applicable. Any forward-facing lights must comply with 4.6.1. Tyres must comply with 4.1.4.

Body (including Aerodynamics)

4.10. Cars must be fitted with a laminated glass or polycarbonate windscreen, or have a 2.5cm matrix wire mesh fitted over the whole of the windscreen aperture. If fitted with a glass or polycarbonate windscreen, the vehicle must have an operative wiper/washer system. Where windscreens are removed, rear windows must also be removed. For open vehicles, approved goggles/visors must be worn at all times.

4.10.1. If fitted with non-standard or lightened doors, cars must have an internal horizontal safety bar across each door aperture below the line of the window and at a suitable height to protect the Driver. This must not be integral with the door.

4.10.2. Any cover over the Passenger's compartment alongside the Driver must be made of foldable material, except where the Driver/Passenger compartment is separated by a stress-bearing solid chassis member as part of the original design.

4.10.3. With the exception of cars in Class D, any vehicle's silhouette viewed in side elevation must remain unaltered above the wheel hub centres of the original car, except for the engine bonnet/cover the shape of which can be altered.

4.10.4. In Class C the following are permitted to reduce weight:

- (a) One-piece lightweight bonnet wing assemblies, providing adequate bracing is provided to replace lost strength
- (b) Lightweight engine bonnet covers, boot lids and doors
- (c) All non-stress-bearing internal components may be removed.

4.10.5. Cars more extensively lightened than indicated above must be fitted with full roll-over bars to requirements K.1.6.1 to 1.6.2.

Engine

4.11. See J.5.4.

Brakes

4.12. Brakes must comply with Statutory Requirements as to the Construction of Motor Vehicles.

4.12.1. If there is no mechanical system available for braking on at least two wheels, two hydraulic systems are required so that in event of failure of one, braking can be maintained on at least two wheels.

4.12.2. Vehicles constructed after 1930 must have brakes on all wheels.

4.12.3. When tested immediately prior to an event, the braking system on all vehicles must work without impairing the Driver's control.

4.12.4. It must be possible under all conditions, running or stationary, for 25% minimum braking effort to be applied by the Driver through the braking system to each axle.

4.12.5. Brake balance adjusters must not be available for adjustment during running if they contravene (iii).

Wheels

4.13. Any spare wheel must be securely fastened in position (a spare need not be carried unless specified in SRs).

Tyres

4.14. Only tyres for use on the public highway by cars or light commercial vehicles are permitted. Slicks or any tyres that have been wholly or partly hand-cut are not allowed unless the SRs state otherwise.

Transmission

4.15. If fitted with front wheel drive, vehicles must have

an effective differential action between the driving wheels. Reverse gear is optional in Autocross Specials (Class D).

Oil Systems

4.16. In rear-engined vehicle, no part of the oil tank may be located to the rear of the gearbox casing.

Electrical Systems

4.17. It is permitted to remove all lamps. The fitting of generators is optional.

Silencing

4.18. Vehicles must comply with silencing levels in J.5.1.7.

Safety

4.19. Safety Criteria, K.2.1.1 point and K.3.1.2 (not necessarily plumbed in) are mandatory. K.1.6.1 to 1.6.2, K.2.1.2 and K.8 are strongly recommended.

Clubcross Vehicles

4.20. Only the following categories of vehicle are allowed to compete in Clubcross events. They must comply with the following:

4.20.1. Category 'A' Economy "Standard" Production Saloons. Cars must comply with 4.9.3 and the following: Maximum engine capacity: 2000cc, forced Induction is prohibited, four Wheel Drive is prohibited, tyres must comply with 4.20.5.

4.20.2. Category 'B' Road Saloon Cars. Maximum engine capacity: 2000cc, forced Induction is prohibited, four Wheel Drive is prohibited, tyres must comply with 4.20.5.

4.20.3. Category 'C' Minicross Cars. Cars must comply with Minicross Regulations, tyres must comply with 4.20.5.

4.20.4. Category 'D' Stock Hatch Cars. Cars must comply with Stock Rallycross Hatch Rallycross Regulations Maximum engine capacity 1600cc, Tyres must comply with 4.20.5.

4.20.5. Only highway pattern tyres are permitted (ie not off-road, on/off-road or winter pattern).

Junior Autocross Vehicle

4.21. The only category of vehicle permitted in Junior Autocross events are those complying with the following:

4.21.1. The engine must be naturally aspirated and must not have a capacity exceeding 1400cc.

4.21.2. Be production vehicles, front or rear wheel drive with standard unmodified engine in original position.

4.21.3. Must run induction systems, inlet manifolds and exhaust systems which are standard to the vehicle.

4.21.4. Performance air filters and exhaust back boxes are permitted, but turbochargers or superchargers are not.

4.21.5. The dashboard is to remain as standard and in the original position, additional instruments may be fitted. All other interior trim may be removed. The

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drivers seat must be a Competition Seat compatible with the requirements of 4.21.11.

4.21.6. Wheels must be standard production items applicable to the vehicle.

4.21.7. Suspension is free but must use standard pick up points and locations.

4.21.8. Standard gearbox and differential applicable to the vehicle must be used.

4.21.9. Modification or relocation of the petrol tank is free.

4.21.10. The silhouette of the vehicle must not be altered.

4.21.11. Seat belts fitted in accordance with K.2.1.2. Four point (FIA homologated and with four separate fixing points) as a minimum are mandatory.

4.21.12. Must have no body kits, space framing or alterations, fibreglass or alloy panels to make the car lighter.

4.21.13. The windscreen may be of either laminated glass or plastic of the required thickness. No apertures will be permitted in windscreens. If fitted with a glass or plastic windscreen (J5.20.8.), the vehicle must have an operative wiper/washer system. It is permitted to replace all other windows with plastic of the required thickness.

4.21.14. K.1.6.1, K Appendix 2, drawing number 5 or 6 mandatory.

Rallycross Events

Organisers' Regulations

Permits for Rallycross

5.1. Permits for Rallycross events are issued at the sole discretion of the MSA. Venues must have a valid Track Licence for Rallycross.

5.1.1. A Club will only be allowed to organise events of up to National B status, unless the MSA has specifically approved an application for higher status.

5.1.2. New circuits will have to comply with the FIA Criteria for Rallycross Circuits.

5.1.3. The Clerk of the Course for a Rallycross event must hold a valid MSA Licence.

5.1.4. For National 'B' and above status Permitted Events only, for venues authorised by the issued Track licence to include Joker Laps, the Joker Lap may be used. Two Judges of Fact to be appointed to oversee its use.

5.1.4.1. In each qualifying heat, one of the laps must be the Joker Lap. Those drivers who do not take this Joker Lap will receive a time penalty of 30 seconds. The penalty for drivers who take it more than once will be decided by the Clerk of the Course. At the exit of the Joker lap, the cars on the main track have priority.

5.1.4.2. In each Final, one of the laps must be the Joker Lap. Those drivers who do not take this Joker Lap, or who take it more than once, will be classified last in that Final before the non-starters. If this concerns more than one driver, they will be classified in the order of their respective positions on the starting grid before the

non-starters. At the exit of the Joker Lap, the cars on the main track have priority.

5.1.5. Joker lap

Characteristics:

Length: must be such that the time needed to cover a lap is at least 2 seconds longer than the best lap time achieved by a Super Car.

Width: minimum 10 m, maximum 12 m.

The entry and the exit cannot be on the racing line.

Safety protection, to separate the two roads, must be in place. At the exit it must be possible for the cars to be driving at the same speed as on the traditional circuit.

A marshal post will be put in place if judged necessary for safety reasons.

Practice and Starts

5.2. All Competitors must be allowed three practice laps.

5.2.1. The SRs must specify: the starting signal; the timing method; when timing commences; and the method of allocating starting positions.

5.2.2. Cars will be started from a standing start, with the engines running, and the Finish line must be clearly indicated.

Flag Signals

5.3. Flag signals in accordance with Q.15.1(a), (e), (f), (g), (h), (j), (l), (m) and (n) may be used as appropriate, with the same meanings and restrictions as in Racing.

5.3.1. A Yellow flag gives warning of an incident and prohibits overtaking until the incident is passed.

5.3.2. Any race can be stopped at the sole discretion of the Clerk of the Course by waving the Red flag at the Start/Finish line. Competitors will be warned that the race has been stopped by the simultaneous waving of the Red flag at all Flag Marshalling Posts.

5.3.2.1. Re-runs will only be permitted at the discretion of the Clerk of the Course and:

- (a) When a red flag has been shown during a Heat or Final and/or
- (b) when the end-of-race signal is displayed inadvertently or otherwise before the leading car completes the scheduled number of laps.

5.3.2.2. Only the participants in the first start are entitled to participate in the re-run and must occupy the same place as for the previous start. In this case, any possible warnings or penalties will however, apply for the re-run.

5.3.2.3. Where a driver in a Heat or Final causes a re-run, the driver concerned may be excluded from the results.

5.3.2.4. All other incidents will be treated as "force majeure".

5.3.2.5. If a Heat or Final is stopped by a Red flag and subsequently restarted, any driver who started in the original Heat or Final, but who is not able to start in the re-run, will be classified in front of any drivers who did not start at all.

5.3.2.6. If not restarted the result will be based on the order of crossing the finish line at one lap less than at the time of the first showing of the Red Flag.

5.3.2.7. No work may be carried out on the grid unless on grounds of safety and only with the approval of the scrutineer.

5.3.2.7.1. The Clerk of the Course may order that the duration of the second part or re-run of any race shall be of a shorter distance than originally scheduled, or may be abandoned altogether.

5.3.2.8. If during any race no car crosses the start/finish line under its own power during a period of five minutes (the end of race signal shall be displayed and the results announced on the relative positions of cars at the time they last crossed the finish line under their own power.

Medical and Rescue Requirements

5.4. The minimum course requirements (including at practice) are as follows:

5.4.1. Rallycross: one Doctor or MSA-registered Paramedic (F.7.3.1), one ambulance and one licensed Rescue Unit crewed in accordance with F.2.5.

5.4.2. Minicross: one Doctor or MSA-licensed paramedic, one ambulance and either one licensed Rescue Unit with licensed crew, or one emergency vehicle equipped as in 30.

5.4.3. Where Minicross is organised within a Rallycross meeting, the medical and rescue requirements stipulated for Rallycross also apply to the Minicross event within that meeting.

5.4.4. Ambulances should be equipped with basic resuscitation equipment and, if possible, a Casualty Immobiliser for handling patients over difficult terrain. This essential equipment should not have to be taken from any rescue vehicles which must remain at all times fully operational on the course. The ambulances must only be used in connection with casualties arising from the Competition.

5.4.5. The Organisers, in conjunction with the Chief Medical Officer, must ensure that during both practice sessions and Competition adequate first aid staff are in attendance (eg St John or St Andrew Ambulance, Red Cross etc).

Competitor's Regulations

Signing On

5.5. When signing on, a Competition Licence valid for the event must be produced (see Table in Section H).

5.5.1. Competitors must declare on their entry forms whether or not they have ever held a valid RTA licence.

5.5.2. Competitors aged 16 and above who have never held a valid RTA Licence must produce proof of having competed as a Driver in three Minicross or Clubcross events, or three other MSA-Permitted events (such as Kart Racing, Autotests, Production Car Trials, etc), or show proof of having completed an approved driving course at a Race or Rally School recognised by the MSA.

5.5.3. Competitors aged 14 to 17 may compete in Junior Rallycross, and may continue until 31st December of the year of their 17th birthday:

5.5.3.1. For Junior Rallycross maximum grid size to be as per Track Licence.

5.5.3.2. New competitors will have to drive observed laps prior to the competition in order to satisfy the Clerk of the Course that they are competent to take part. Cars will start singly and run over three laps. Observed laps are not required if the Competitor can provide the Clerk of the Course with proof of having competed as a Driver in three other MSA-Permitted events or having successfully completed an approved driving course at a Race or Rally School recognised by the MSA.

Licence Upgrading Criteria

5.6. Rallycross: See H.17.2.1.

Scrutineering

5.7. No car may be driven in the event until it has been approved by an MSA Scrutineer at the meeting.

5.7.1. *Cars must be presented for scrutineering and practice at the times specified in the SRs, with any previous Scrutineering tickets removed. Classes must be specified in the SRs. Any Competitor not reporting as instructed may be fined, excluded or may forfeit any claim to a favourable starting position.

5.7.2. Cars being used must comply with Technical Regulations 6.1 and 6.14.3.

5.7.3. If after approval any car is dismantled or modified, or is involved in an accident, in a way which may affect its safety or eligibility, or any aerodynamic device is added or removed, it must be represented for approval. The Entrant is responsible for seeking fresh approval.

5.7.4. Any car involved in an incident from which it is unable to proceed must not be touched by anybody other than Officials without the specific approval of the Clerk of the Course. The Driver concerned may not drive again without the approval of the Medical Officer in Charge.

Drivers

5.8. Any Driver who has not previously competed over the course within the preceding four weeks must complete at least one observed practice lap in the car to be raced. Only the Driver may be in a car during the Competition or practice.

5.8.1. Rallycross Drivers must conform to the Medical Requirements specified in H.10.

5.8.2. Cars will be identified by Competition Numbers allocated by the Organisers, and displayed as specified in the Technical Regulations J.4. The colour may be varied for different categories.

5.9. The following items must be produced by Drivers for inspection and approval at Scrutineering and be worn throughout the Competition, properly fastened and positioned:

5.9.1. A crash helmet meeting all current regulations, which fits properly, is in a serviceable condition and bears an MSA approval sticker (see K.10.1 to 10.3.1).

5.9.2. Goggles or visor of splinter proof material (unless in a closed car with a full-size windscreen).

5.9.3. Flame-resistant overalls covering arms, legs and torso up to the neck. The use of a flame resistant balaclava, socks, shoes and underwear is strongly recommended (K.9.1 to 9.3).

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5.9.4. Complete gloves (not mitts or gloves with open backs). The use of flame-resistant gloves is strongly recommended.

Results

5.10. *The SRs will specify the method by which a winner is decided.

5.11. Judges may be appointed to adjudicate on:

5.11.1. False starts.

5.11.2. Not following correct course, or touching a marker.

5.11.3. Baulking or contact.

5.11.4. Noise.

Technical Regulations

Rallycross Vehicles

6.1. Racing Cars are prohibited.

6.1.1. Vehicles will be classified as detailed in the SRs. They must be of rigid construction and comply with the regulations below. They must have been homologated in Group N, A or B of FIA Appendix J or in groups 1, 2, 3 or 4 of 1981 FIA Appendix J (although homologation may have lapsed).

6.1.2. Cars complying with current FIA Appendix J Article 279 regulations, in their entirety, are also permitted, even where homologation may have lapsed.

6.1.3. *Mass-produced non-homologated vehicles may be accepted for events up to National A level.

6.1.4. Rallycross vehicles complying with specific regulations approved by the MSA.

Body (including Aerodynamics)

6.2. The vehicle must have a bulkhead separating the cockpit from the engine compartment. It must retain its original material and location compared to the standard car. Installing components up against or passing through this bulkhead is permitted, providing nothing protrudes into the cockpit more than 20cm (as measured perpendicularly to the bulkhead). This will be measured at the point of intrusion, and parallel to the ground. If the protrusion includes the engine, the cam/valve cover may not extend further back than the forward most point of the windscreen aperture when viewed directly from above. For Scrutineering purposes, a 13mm diameter hole must be drilled at the forward most point of the screen aperture.

6.2.1. Bumpers and supports, if fitted, must both be as originally fitted to the mass-produced vehicle. No reinforcing of bumpers or supports is permitted. If one bumper is removed, then both must be, along with all supports.

6.2.2. Reinforcing the front apron is not permitted.

6.2.3. Any undertray must be provided with drainage holes to prevent accumulation of liquids.

6.2.4. The windscreen must be of either laminated glass or polycarbonate of the required thickness. No apertures will be permitted in windscreens. If fitted with a glass or polycarbonate windscreen, the vehicle must

have an operative wiper/washer system. All Drivers must wear approved goggles or visors, unless the car is fitted with a polycarbonate windscreen. A wire mesh stone guard adequately fitted to the bodywork and with a minimum matrix of 1in is permitted with any type of windscreen.

6.2.5. When viewed from above, wheels must be covered by rigid material at all times. The outside shape of the original coachwork must be retained, except around the wings.

6.2.6. Openings may be made in the bonnet or boot lid for ventilation, providing they do not make mechanical components visible.

6.2.7. The Bodywork must be of the vehicle manufacturers specifications and minimum thickness with the exception of airboxes, radiators rear wings/rear quarter panels and removable parts and panels, which may be of alternative materials. Seam welding, and localised gussets/reinforcement is permitted.

Engine

6.3. The engine may be modified, but the block must be from a mass-produced engine and must have the same number of cylinders as the original mass produced engine for that car.

6.3.1. Specialist Competition Engines, as defined in Nomenclature and Definitions, are also permitted.

6.3.2. The engine must be located within the original engine compartment.

6.3.3. Twin engine configurations are not permitted unless mass produced in that form.

Oil Systems

6.4. Oil systems must have catch tanks fitted.

6.4.1. Any oil tank located outside the chassis or main structure of a vehicle must be covered with a protective coating (eg GRP).

Fuel Systems

6.5. These should be equipped with an effective method of stopping fuel supply which can be operated by the Driver when seated normally with seat belt secured.

Transmission

6.6. Transmissions can be modified.

6.6.1. The clutch and its control are free, but automatic operation of the clutch is prohibited, unless fitted by the manufacturer to that body style. The clutch must be operated by the Driver's feet, unless an alternative method of operation is fitted by the manufacturer to that body style.

6.6.2. The gear selection mechanism must be mechanically operated. Electronic, hydraulic or pneumatic mechanisms are prohibited, unless fitted by the manufacturer to that body style.

6.6.3. The final drive assembly, differentials, propshafts and driveshafts are free. Electronically-controlled systems are prohibited.

6.6.4. *The SRs may require four-wheel drive vehicles to be subject to some form of handicap (not necessarily a delayed start).

Electrical Systems

6.7. Vehicles should be equipped with an ignition cut-off switch, having a clearly marked and positive ON-OFF position, which can be operated by the Driver when normally seated with seat belt secured. It must also isolate electric fuel pumps.

6.7.1. Any forward-facing lamps of more than 32 sq cm surface area must be adequately protected against glass breakage.

6.7.2. All lights may be removed, but all cars must be equipped with two rear red warning lights to be used in fog, with a minimum of 15W each and an illuminated area of 60 sq cm. These must work with or replace the car brake light system at all times, must be between 115cm and 150cm above the ground and must be clearly visible from behind.

6.7.3. Generators are optional but a self-starter system must be operable at all times.

Brakes

6.8. Brakes may be modified, but an effective handbrake is obligatory. The handbrake may be modified for fly-off operation.

6.8.1. There must be at least two hydraulic systems so that if one fails, braking is maintained on at least two wheels (not on the same side).

6.8.2. The braking system on all vehicles must work without impairing the Driver's control when tested immediately prior to an event. It must be possible under all conditions, running or stationary, for 25% minimum braking effort to be applied by the Driver through the braking system to each axle.

6.8.3. Brake balance adjusters must not be capable of adjustment during running if they contravene 6.8.2.

6.8.4. Anti-lock devices are prohibited but brake discs are free, subject to being made of ferrous material.

Wheels

6.9. At the start of each heat or race, cars must be fitted with mudflaps behind all four wheels extending to a minimum of 3.8cm either side of the tyre tread and to a maximum of 7.6cm above the ground.

6.9.1. All nuts securing roadwheels (except centre-lock types) must be made of steel and in thread contact over a minimum length of 1½in bolt/stud diameters.

6.9.2. Extended or composite wheel bolts/studs are prohibited. The use of safety wheel nuts, to prevent wheels pulling over standard nuts, is strongly recommended.

6.9.3. Maximum wheel width on all cars is 25cm (wheel width = flange + rim + tyre).

Silencing

6.10. Vehicles must comply with silencing levels in J.5.17.

Safety

6.11. Closed cars must have a means of access on either side of the Passenger compartment which can be operated from inside or outside. Access must be sufficient to remove an occupant without interference from any door locking devices. They must have an operating windscreen wiper and washer system.

6.12. Vehicles must comply with safety criteria in:

6.12.1. K.1.6.1, K Appendix 2, drawings number 5, 6 or 8, with the longitudinal strut (as shown in drawing 9) mandatory. Double longitudinal door bars must be fitted to the drivers side of the roll cage in accordance with Section K Appendix 2 Drawing number 12(g) or 12(h).

6.12.2. K.2.1.2 point (FIA homologated and with four separate fixing points).

6.12.3. K.3.1.2 (not necessarily plumbed in).

6.12.4. K.5.1 to 5.2.

6.12.5. K.8.

6.12.6. K.13.

Miscellaneous

6.13. The following parts of Section J remain unmodified: Chassis, Suspension, Steering, Cooling, Weight/Ballast, Exhausts.

6.13.1. Active suspension, and any system which allows control of the spring flexibility, shock absorption or trim height when the car is moving, is prohibited unless fitted by the manufacturer to that body style.

6.13.2. MSA or FIA Competition Car Log Books are required at all Rallycross events.

6.13.3. Cars must be fitted with at least one mirror of minimum surface area 50sq cm securely mounted to give a clear view to the rear. The edges of the mirror must be protected by a suitable cover to help prevent injury in event of an accident.

6.13.4. Where advertising is allowed on windscreens, this must not obscure the Driver's vision nor reduce the minimum unobstructed vertical height to less than 25cm.

6.13.5. Vehicles must be presented at Scrutineering with all steering mechanisms, suspension linkages and flexible brake lines in a clean condition. Four-wheel steering is permitted unless SRs state to the contrary.

6.13.6. Seats. Be fitted with a driver's seat in accordance with Section J. It is recommended that the seat be currently FIA Homologated, mounted in accordance with K.2.2.

6.14. Vehicles must have:

6.14.1. Internal bonnet locks removed and external positive locking fasteners fitted.

6.14.2. Steering column locks rendered inoperative.

6.14.3. Towing eyes of adequate strength and size fitted front and rear. These should be painted a contrasting bright colour.

Junior Rallycross Vehicle

7.1. The only category of vehicle permitted in Junior Rallycross events, other than vehicles complying with the MDA Junior Minicross Regulations (as approved by the MSA), are those complying with the following:

7.1.1. Be a Series Production Car, front or rear wheel drive complying with the provisions of Sections J, K and 6.1 to 6.14.

7.1.2. Be specifically authorised by the MSA by issue of a Junior Rallycross Competition Car Log Book. The vehicle may not be used in competition until the Junior Rallycross Competition Car Log Book has been

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validated by the MSA and returned to the vehicle owner.

7.1.3. The engine must be naturally aspirated and must not have a capacity exceeding 1400cc.

7.1.4. The cylinder head and block must remain as originally supplied by the Manufacturer as a Standard Part for that model.

7.1.5. Where the car is fitted as standard with an ECU then that ECU must remain fitted and as specified by the Championship Regulations.

7.1.6. The engine cooling system must remain standard to the vehicle.

7.1.7. Induction systems, inlet manifolds and exhaust systems must remain standard to the vehicle. Performance air filters and exhaust back boxes are permitted (J.5.18. applies).

7.1.8. At any time the MSA may impose further restrictions to limit engine performance.

7.1.9. The silhouette of the vehicle must not be altered.

7.1.10. The bodyshell must be of the vehicle manufacturers specifications and minimum thickness with the exception of rear wings/rear quarter panels and removable parts and panels, which may be of alternative materials. Seam welding, and localised gussets/reinforcement is permitted.

7.1.11. The dashboard is to remain as standard, in the original position and the standard instruments retained and operable.

7.1.12. All other interior trim must be removed including carpets, roof lining and passenger seats. Interior door panels may be replaced with an alternate non-flammable material.

7.1.13. All window glass to be replaced with polycarbonate, J5.20.8. applies.

7.1.14. Glass sunroofs are not permitted. Sunroofs may be of a non-shattering solid rigid material other than glass. Any sunroof must be firmly secured in the closed

position. The sunroof aperture may be closed by solid metallic material permanently fitted in place.

7.1.15. An interior rear view mirror must be fitted to the vehicle.

7.1.16. All vehicles must have substantial underbody protection covering any area of both the fuel tank and engine sump exposed to running damage.

7.1.17. The handbrake system is to remain as standard.

7.1.18. Mud flaps are to be fitted behind all 4 wheels, in accordance with R.48.1.12.

7.1.19. Wheels must be of the standard production size and material applicable to the vehicle.

7.1.20. The steering column is to remain as standard (6.14.2. applies). The steering wheel and mounting hub are free.

7.1.21. Standard production gearbox and differential applicable to the vehicle must be used.

7.1.22. The original method of suspension operation must be retained and utilise the mounting points as provided by the manufacturer. Shock absorbers and coil springs may be updated and adjustable.

Safety

7.1.23. In addition to the requirements of Section K and 6.11 to 6.12.:

7.1.23.1. Double longitudinal door bars must be fitted to the drivers side of the roll cage in accordance with Section K Appendix 2 Drawing No 12(g) or 12(h).

7.1.23.2. Fire Extinguisher in accordance with K3.1.2(a).

7.1.23.3. Be fitted with a driver's seat that is currently FIA Homologated, mounted in accordance with K.2.2.

Specific Regulations for Cross Country Events (P)



Specific Regulations for Cross Country Events

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Organisers' Regulations: Applying to All Events

1.1. An MSA Organising Permit is required for any form of Cross Country event and is issued at the sole discretion of the MSA.

1.1.2. The MSA Organising Permit number, and the Competition Authorisation Office (CAO) authorisation numbers where applicable, must be included in the Final Instructions.

1.1.3. A Club will only be allowed to run events up to National B status, unless the MSA has specifically approved an application for National A or International status.

1.1.4. Every practicable precaution must be taken to avoid depositing mud or soil on the public highway when leaving private property.

1.1.5. Warning notices as required by D.31.1 to D.32.5 must be displayed.

1.1.6. Organisers should be aware of the nearest hospital and the best route there in case of incident.

1.1.7. The organisers of events on a single site must have on site at a pre-identified locations a First Aid Kit in compliance with requirements for 11-20 employees as detailed by HSE code of practice (ACOP 1997) (and including an eye bath).

1.1.8. No person under 14 may act as a Marshal or Assistant Marshal unless under the direct supervision of a Marshal over 18 years old.

1.1.9. Competition Licences should be signed by the Clerk of the Course, if the holders complete the event without any adverse report. Signatures may be obtained by both Driver and Navigator.

1.1.10. The use of Forest Commission property must have been approved by the MSA. Permission must be applied for by an annually specified date, prior to the Forest Enterprise year (which runs 1 January - 31 December).

1.1.11. The Clerk of the Course for either a Competitive Safari or a Hill Rally of National A status or above must hold a valid MSA CoFC Licence. For details of retention and upgrading see Section G.22.

Official Recovery

1.2.1. With the exception of Challenge Events, Team and Winch Recovery events, all recovery operations will be under the control of the Clerk of the Course.

1.2.2. All equipment to be used by the Official Recovery Teams must be inspected prior to the start of an event, and the Clerk of the Course must be satisfied that it is in good condition and adequate for the purpose intended.

1.2.3. *All Official Recovery Teams should be sited by the Clerk of the Course, and the method used in recovering stranded Competitors must be specified in the Supplementary Regulations (SRs).

1.2.4. It is recommended that all vehicles used for Official recovery should have any front or rear windows, whether glazed or not, covered with a metal mesh, expanded metal or gauze. This is particularly important where 'snatch' recovery is to be employed.

Fire Extinguishers

1.3.1. At each section, Organisers should provide at least one fire extinguisher of a capacity similar to the 20lb (9kg) dry powder type.

1.3.2. This extinguisher can be carried by a Section Marshal escorting Competitors around the various sections.

1.3.3. Where sections are closely grouped, one extinguisher located at a clearly visible central point is permitted.

Footpaths, Bridleways and Restricted Byways

1.4. The Organisers of any Cross Country event (competitive or recreational) crossing or using a Footpath, Bridleway or Restricted Byway, whether competitively or not, must appoint a Liaison Officer to verify the status of any track or path along the route, ensure compliance with Section 33 of The Road Traffic Act 1988 and:

1.4.1. Obtain permission from the Landowner and any occupiers and authorisation from the Highway Authority in accordance with Section 33 of The Road Traffic Act 1988 (unless the route is already a way of higher status). Any conditions laid down must be adhered to.

1.4.2. Notify the Police (clarifying the nature of the event).

1.4.3. Notify the National Parks (if appropriate) 1.4.4. Notify the Parish Council.

1.5. In particular, all locations must be adequately marshalled by Officials who are well briefed and properly identified.

1.5.1. One Official must be appointed for each section to ensure that the event does not unduly inconvenience other users, eg horse-riders, walkers, cyclists etc.

1.5.2. The Official must have a good working knowledge of the Rights of Way affecting the Competition.

1.5.3. Alternative routes for other users of the Rights of Way must be signposted. Warning Notices (D.31.1.2, D.31.1.3, D.31.1.5) as appropriate and the Safety Code should also be on display in all areas.

1.5.4. Instructions to Competitors in SRs and Final Instructions for events affecting Footpaths or Bridleways should include the following warning: This event is routed along and/or across Rights of Way. Competitors must exercise caution and reduce their speed accordingly near other users. Be especially careful near horses. Slow down, stop and switch off your engine if necessary.

Judges

1.6. Judges may be appointed to adjudicate on any infringements of the Regulations including:

1.6.1. Touching markers.

1.6.2. Conforming with the course.

1.6.3. Remaining seated in accordance with the Regulations.

1.6.4. Stopping forward motion.

1.6.5. Noise.

1.6.6. Baulking.

1.6.7. Entitlement to a re-run.

Spill Kits

1.7.1. At each section, Organisers must provide at least one medium spill kit.

1.7.2. This spill kit can be carried by a Section Marshal escorting Competitors around the various sections.

1.7.3. Where sections are closely grouped, one spill kit located at a clearly visible central point is permitted.

1.7.4. For all Hill Rallies, Competitive Safaris, Point to Point, Challenge Events and Orienteering a medium spill kit must be located at the start of the course, each Special Stage or section.

Organisers' Regulations: All Events Using the Highway

2.1. The SRs must specify the time at which Competitors must report at the Start, and whether or not public roads are used to link sections of the Competition.

2.2. Any Competition traversing a highway in England, Wales or Scotland is subject to the provisions of the Motor Vehicles (Competitions and Trials) Regulations. In particular:

2.2.1. Application for authorisation of an event must be made to the RAC Competition Authorisation Office (CAO) at the MSA, or for Scotland to the Royal Scottish Automobile Club. Details of the Authorisation Procedures are available from the MSA and RSAC as appropriate. Regulations for England and Wales (Statutory Instrument 1969 No. 414) are available from the MSA.

2.2.2. Deleted.

2.2.3. Application for an MSA Permit must be made in accordance with D.41 prior to the CAO Authorisation being granted. The Permit itself is only validated after authorisation has been granted.

2.2.4. In the case of road courses, route selection is subject to MSA approval. Applications must include a detailed itinerary giving the exact distances to be covered.

2.2.5. Vehicles should be checked for sound by qualified Driving Standards Observers before the start and along the route, and noisy cars stopped if necessary.

2.2.6. Any Holding Controls should be located to avoid public nuisance. Sensitive areas along the route should be drawn to Competitors' attention. Marshals should be well briefed and readily identified.

2.3. Instructions on sensible use of the roads should be issued, including the following:

2.3.1. Closing of gates, etc.

2.3.2. Clearing of roads at section ends.

2.3.3. Following the 'Country Code', failure of which can lead to disciplinary action.

Duties and Responsibilities of the Clerk of the Course

2.4. In addition to the duties detailed in G.5, the Clerk of the Course should ensure:

2.4.1. The Organisation and Regulations for the event meet the requirements of the relevant Statutory Instruments.

2.4.2. Reasonable precautions are taken in the selection of route, time of day, control of spectators, etc, to avoid inconvenience to the general public.

2.4.3. Where the farming community may be affected, details of the event are sent to the County Secretary of the local National Farmers' Union and any other relevant National bodies.

2.4.4. The appointed CAO Route Liaison Officer for each of the Counties and National Parks through which the route passes is consulted about the draft route at least three months before the event and before submission to the CAO, particularly where special public relations work is required in sensitive areas.

Note: Throughout these sections an asterisk(*) indicates a requirement for additional information to be printed in the Supplementary Regulations (SRs).

Text shown in Italics indicate a Regulation which may be amended in the SRs.

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The Route Liaison Officer may:

- a) Ask to see all paperwork relating to the event, including PR sheets
- b) Request the CAO to suspend authorisation, or the MSA to suspend the Permit, until satisfied with the route and the effectiveness of the PR work
- c) Require the Clerk of the Course to order re-routes to avoid areas of particular concern.

2.4.5. Exercise discretionary judgement on where competitive sections may be run and their length, and withhold agreement to the route if not satisfied with any aspect of the organisational standards or route planning.

2.4.6. Private property, whether on the event route or a link section, is not to be used without written permission from the landowner or authorised agent.

2.4.7. Wherever possible the route should be checked for possible damage immediately before and after an event.

2.4.8. When the MSA medical and safety radio frequency (81.575 FM) is to be used, it must be operated in accordance with Ofcom and MSA licensing requirements (available on request) (14.2).

Time Schedule

2.5.1. Wherever Competitors are on a public highway, they must be controlled by a predetermined speed schedule, unless they are allowed to complete the event in their own time.

2.5.2. The event time schedule must not lead Drivers to exceed any statutory speed limits, or involve speeds which might be considered dangerous or unreasonable in the light of prevailing traffic conditions and the nature of the route.

2.5.3. No time or speed schedule should be imposed which requires or encourages Competitors using a road open to the public to achieve an average speed between any two points which exceeds the following limits:

- a) 30 mph for all roads other than motorways
- b) 60 mph for motorways
- c) 25 mph for vehicles subject to a speed limit (such as vans)
- d) 20 mph for neutral sections (3.4, 3.5) (except on M, A or B class roads).

2.5.4. In addition there must be no bonus for exceeding the specified average. Competitors must be given in advance all the information necessary to enable them to calculate the speed which they are being asked to average 26.1.11.

2.5.5. For those portions of the route being navigated by map references, the direction of approach to controls should be specified and penalties imposed for approaching from any other direction whenever the country being traversed makes this possible without destroying the need for competitive skill.

2.5.6. The use of gated roads should be avoided if possible.

2.5.7. If Competitors are to traverse a gated road, adequate arrangements must be made to ensure that all gateways are manned by Marshals to ensure that no Competitor is required to open a gate, and that all gates are closed after the Competition.

2.5.8. Occupiers of land adjacent to the road must be advised in advance of the Competition.

2.5.9. The use of single track roads should be avoided if possible during daylight, but if used, the speed set must be lowered as appropriate.

2.5.10. Those sections of an event involving difficult navigation by map references or a detailed route card must be scheduled so that no Competitor is traversing minor roads during the morning or evening hours when normal farm traffic may be expected, unless the required average speed is not more than 20mph.

2.5.11. No Competitor is allowed to drive more than 200 miles continuously without a break, and there must be a rest period of at least one hour for each Driver at intervals of not more than 200 miles (25.2.3).

2.5.12. Any event which runs for more than 14 hours must include a rest halt of at least two hours, unless previously agreed with the MSA.

Controls

2.6.1. Controls must be sited at locations with adequate space for Officials' and Competitors' cars to stop without affecting non-rally traffic.

2.6.2. Controls must be sited at least 500m from occupied houses, except where written approval has been obtained from the occupants.

2.6.3. All controls must be clearly identified at the roadside (26.1, 35).

2.6.4. Controls at which Competitors are required to stop to record a time, and which are on the public highway, must not be less than two miles from any adjacent control.

2.6.5. Competitors must be provided with all necessary regulatory information at or before their starting time.

2.6.6. Competitors must be started on the road sections of an event at intervals of one minute and leave the start in numerical order, unless the SRs specify a longer time interval or a different order.

Official Documents

2.7. In addition to D.10, the SRs must clearly state:

2.7.1. The type of event (Hill Rally, Trial etc) that is being organised, and whether or not there will be standard sections, special stages, regularity sections, trials sections or other types of test.

2.7.2. When details of the route or any section or stage will be issued.

2.7.3. Any maps (and their scale) required and any modification of 51.4. In any dispute concerning mileages, these shall be calculated in accordance with 1:50,000 OS maps (or equivalent local maps).

2.7.4. The type of timing to be used.

2.7.5. A reminder of which sub-sections of the Technical Regulations apply.

2.7.6. Whether or not vehicles are required to be taxed and insured for use on the highway (60.1).

2.7.7. Whether Competitors are required to carry Competition numbers (25.1.5, 36.4, 41.2, 50.5.1).

2.7.8. Whether servicing is Permitted and if so the manner in which service vehicles will be identified.

2.7.9. If competing cars or Service Vehicles are required to carry any identification markings, the name of the organising Club must be incorporated on the identification.

2.7.10. Any information which is required in order to comply with 26.1, 27.4.2.

2.8.1. All Official bulletins, Permits and authorisations, times and results (unless issued in accordance with D.26.1.2) must be published on an Official Notice Board whose location must be notified to Competitors (G.3.2, G.11.2.2, 24.1.1).

2.8.2. Stewards (or Observers for the upgrading of an event) should be supplied with a complete marked map of the route prior to the date of the event, and a set of all instructions and route cards, etc that are issued to Competitors and Officials as soon as they are available.

2.9. The Road Book, Route Card or Time Card shall clearly:

2.9.1. Indicate the description of each section (Standard, Neutral, Transport, Regularity, Trial etc) (3.1).

2.9.2. Specify the time allowed to traverse the route between each Time Control and all the information necessary to enable Competitors to comply with 2.4.

2.9.3. Indicate what information the Organisers require to be recorded and the places at which these records will be made (26.1.8, 35), except as provided for in 27.2.

2.9.4. Indicate which checks will be manned by Officials, except checks established in accordance with 27.2.

2.9.5. Specify which portions of the route shall be timed to an accuracy of less than one minute.

2.9.6. Indicate any 'out of bounds' areas to be respected.

2.9.7. Indicate the position of all Stop signs along the route, any other junctions at which Competitors are required to stop, and any areas where they are required to observe special restrictions (ie Quiet Zones, etc).

2.9.8. Specify the order in which controls and checks must be visited.

Sound Testing

2.10. Prior to the start all cars, including those of Officials who are expected to follow a substantial part of the route, must pass a sound test conducted by an Environmental Scrutineer using a sound meter, as prescribed by the Technical Regulations (J.5.17, G.10.1 to 11.2).

2.10.1. This test will prohibit any vehicle with a reading over 100dB(A) from starting, unless the SRs specify lower levels.

2.10.2. All measurements refer to the 0.5m test (J.5.17).

2.10.3. Organisers must make arrangements for a suitable site to be available for testing and ensure that adequate personnel are appointed.

2.10.4. A further sound test for Competitors and Course Cars must be made on the road sections. These must be manned by a Driving Standards Observer (G.11.1 to 11.2, 27.2), experienced Judges (G.10.1, 27.1) or by Judges using a sound meter. They have the authority to penalise Competitors on the spot

and their findings must be recorded in the results of the event whether or not any Competitor has been excluded.

2.10.5. The sound test Official may also act as a Driving Standards Observer.

Eligibility Checks

2.11. At events involving different Classes of vehicle, arrangements to undertake eligibility checks should be available prior to the Competition, or on conclusion.

2.11.1. All vehicles, including Course Cars, must comply with the relevant Technical and Safety Regulations.

2.11.2. Checks may be carried out both before and during an event.

2.12. The Chief Scrutineer must be available throughout the event to ensure that the Technical Regulations are complied with.

Timekeeping

2.13. An MSA-approved Rally Timekeeper should be appointed as a Chief Timekeeper for any event where timing is to an accuracy of less than one minute.

2.13.1. The Chief Timekeeper appointed for the event is responsible for the issuing of timing equipment and ensuring that the Timekeepers who will be using the equipment are competent in its use.

2.13.2. The Chief Timekeeper must be able to deal with operational problems affecting timing equipment and be capable of dealing with queries arising from the time cards.

2.13.3. Any section of an event which has timing to an accuracy of less than one minute must be timed by certified equipment, digital clocks to MSA specification R or E/B, recording clocks printing to seconds, or automatic apparatus.

2.13.4. All Official clocks or watches must be set to GMT/BST time.

2.13.5. Any Official timepiece timing to the minute which is not within 15 seconds of GMT/BST, or any Official timepiece timing to the second which is not within five seconds of GMT/BST, will be disregarded.

2.13.6. Times will be recorded to whole minutes, unless the SRs state otherwise.

2.13.7. Any portions of an event to be timed to seconds will be clearly indicated in the Road Book, Route or Time Card.

Definitions of Event Sections

3.1. The following definitions and restrictions apply to the various sections of an event.

Standard Sections

3.2. If timed to the second, Standard Sections should not:

3.2.1. Pass through any area with over 20 occupied dwellings within a 300m radius of the route, unless with written agreement from all the householders and MSA permission.

3.2.2. Start before 23.59 or finish more than one hour after sunrise.

(P) Cross Country Events

3.2.3. Include any point where Competitors are required to observe special restrictions on their driving behaviour, except for observing signs warning of natural hazards (which may be erected by Organisers). 'Quiet' zones or other restrictions are specifically forbidden.

3.2.4. Join or cross any A-class road, except where there is a manned control at which Competitors must stop.

3.2.5. Start on or use an A-class road continuously for more than 200m.

3.3.1. When timed to an accuracy of less than one minute, Competitors must not use any private property, other than footpaths and bridleways for which approval has been granted.

3.3.2. Additionally Organisers must not:

- a) Offer any award for Competitors who equal or improve upon the time schedules for individual sections, nor have any awards for the fastest times or least penalties on any sections
- b) Operate a Flying Finish time control
- c) Include any road with a 30 or 40mph limit without the express permission of the RLO
- d) Require Competitors to average in excess of 30mph.

Neutral Sections

3.4. Neutral Sections are used to take Competitors through PR-sensitive or densely populated areas and must comply with 3.3.2.

3.4.1. They should be completed by Competitors without the use of auxiliary lighting, except legally required in fog or falling snow.

3.4.2. Organisers must remind Competitors of this requirement in their SRs.

3.5. Neutral Sections should not:

3.5.1. Be timed to accuracy of less than one minute.

3.5.2. Allow Competitors to make up time on the public road.

3.5.3. Have any lateness penalty applied, except maximum lateness.

3.5.4. Have an average speed of more than 20mph, except on M, A or B class roads.

Regularity Sections

3.6. Competitors must be informed in advance of the locations of the Start and Finish of any Regularity Sections.

3.6.1. Each Section must contain at least one Intermediate Time Control, the location of which must not be given to Competitors in advance.

3.6.2. Competitors must, however, be advised in writing before entering such a section whether they are required to stop at Intermediate Time Controls which must be identified by a Control Board.

3.6.3. Adherence to the time schedule in a Regularity Section is assessed by comparing the time of arrival at any Intermediate Time Control (or the Finish Time Control) with the time of arrival at the preceding Time Control. Timing, whether or not the car is required to stop, is based on the moment a car enters the Time Control area.

3.6.4. Penalties, which must be specified in the SRs, are imposed for stopping within sight of but outside the area of any Intermediate Time Control (or the Finish Time Control).

Transport Sections

3.7. Transport Sections are used to move Competitors between other types of section where the route is not PR sensitive or densely populated.

3.7.1. Transport Sections must also comply with 3.3.2 and 3.3.4.

3.7.2. If using roads with 30mph or 40mph limits in force, Organisers must impose a lower average speed commensurate with the proportion of restricted roads in the section.

3.8. Transport Sections must not:

3.8.1. Be timed to an accuracy of less than one minute.

3.8.2. Be less than four miles in length.

3.8.3. Have any lateness penalty applied, other than for maximum lateness.

Road Sections

3.9. Road Sections comprise any sections of a route on a Hill Rally (excluding control and service areas), whether on the public highway or not, which link Special Stages.

3.9.1. When on the public highway, these sections must comply with 3.1 to 3.8.3 (except 3.2, 3.3.1 and 3.3.2(a)).

Trials Sections (47-58)

3.10. A Trials Section is a test laid out over undulating ground designed to bring Competitors to an involuntary stop.

3.10.1. The course comprises a series of 'gates' defined by marker canes where Competitors' performance is measured according to the number of gates 'cleared' without stopping, leaving the course or touching a course marker.

Special Stages

3.11. Special Stages are timed sections run on roads or land for which the event has exclusive vehicle access, or on public roads Officially closed for motor sporting purposes.

3.11.1. If run partly or wholly on unsealed surfaces, they should be organised so that no Competitor achieves an average speed in excess of that specified in 11.3.2.

3.11.2. Special Stages should be over a distance of not less than a half mile.

3.11.3. No stage exceeding 20 miles may be run without written permission from the MSA.

3.12. Special Stages should not:

3.12.1. Include any checks or controls or other requirements which might require or encourage Competitors to stop.

3.12.2. Use any sections of a venue in opposite directions at the same time, unless there is at least a 15m separation between the two routes with a continuous barrier. Cross-roads used twice must preserve this separation. The barrier must consist of one or more of the following: tyres banded in threes, straw bales, earthbanks or similar immovable objects. Motorway cones or blocking tape are not suitable.

3.12.3. Use any currently, or previously, licensed Race, Speed or Kart circuit, or any airfield (disused or otherwise) unless the MSA has specifically approved the stage layouts and safety precautions.

3.12.4. Be routed closer than 75 metres to any parked aircraft, unless there is a solid physical barrier at the edge of the course protecting the aircraft and a gap of 45 metres from the barrier to the aircraft.

Public Relations

4.1. Effective public relations work must be undertaken by Organisers of all events using the Highway. The following advice will be useful:

4.1.1. Prior consultation with Route Liaison Officers who might require additional PR work in sensitive areas is essential. The work should be completed to allow enough time to undertake a re-route should this prove necessary.

4.1.2. Be diplomatic, positive and clear about the legal aspects of route authorisation. If the event is run in England or Wales, do not intimate that it is authorised by the Police.

4.1.3. Avoid asking for 'authorisation' or 'permission' from householders as this can invite unnecessary difficulties. Special consideration should be given to householders with pets or livestock.

4.1.4. All PR must be carried out by responsible members of the organising Club or of a Local Club. All PR letters should be vetted and checked by the RLO and must indicate who the Organiser is (with a contact address and phone number), the date of the event, in which direction it is travelling, and the approximate time of passing.

4.1.5. Where Organisers publish a guide to the route, or specific locations for spectators, they should ensure that:

- a) Householders within 500m of any specifically advised location have been effectively contacted without difficulty and that these areas are properly Marshalled
- b) The information contains warnings of locations that spectators should avoid (blackspots, sensitive areas etc).

4.1.6. Ensure that each PR crew prepares a report on each visit and that these are available to the RLO on request, and to the Clerk of the Course and Stewards at the event. Special note should be made of problem areas and reports must be passed to RLOs for the benefit of future events.

4.1.7. Contact should be made with local Police stations before and immediately after all events.

4.2. See charts 10(a) and 10(b) Section R, Appendix 1 for detailed requirements.

Events Using the Highway (except Hill Rallies)

4.3. All Events Using the Highway (except Hill Rallies) must comply with the following:

4.3.1. The location of all 'Give Way' junctions on the route must be issued to Competitors along with clear instructions as how to deal with them (36.2).

4.3.2. Organisers must familiarise themselves with the medical and ambulance facilities along the route.

4.4. Treasure Hunts must comply with the following:

4.4.1. No merit must attach to being the first to arrive at the Finish or any other point.

4.4.2. Competitors must not be required to arrive at any point other than the Finish at or by a specific time.

4.4.3. Where an overall time limit is set for an event, it must be possible to win without exceeding an average speed of 10mph from Start to Finish.

4.4.4. Competitors must not be required to travel more than 100 miles on a highway or to perform any task or solve any problem that is likely to inconvenience or offend other road users or the general public.

Organiser's Regulations: Trials and Un-timed Events

Cross Country Vehicle Trials (41.1 to 43.4)

5.1. These trials must be organised in accordance with 1 to 4 as appropriate, and the use of road sections should be avoided.

5.1.1. The SRs must clearly state if the highway is to be used (2.1 to 2.3).

5.2.1. Where applicable, Competitors should be split into equal groups, which should start at different observed sections simultaneously.

5.2.2. The Start and Finish of observed sections must be marked by signs and the Starts should be reasonably flat and wide so that all Competitors can at least enter the section.

5.2.3. The layout of sections should take account of the location of possible failure points and, particularly for Tyro Trials, safe exit routes.

5.2.4. The layout should facilitate Marshalling by the minimum possible number of Officials.

5.2.5. Sections should be as wide as possible to allow a choice of route and as winding as possible to place a premium on driving skill (although the radius of all corners must be adequate for all vehicles entered).

5.2.6. Course markers should not be placed against trees.

5.2.7. The use of trees or natural hazards as course boundaries should be avoided.

5.2.8. If possible, alternative routes should be planned in case of changes of weather condition.

5.3. It is recommended that sections be laid out using a minimum of 10 pairs of marker stakes (see Appendix 1, drawing number 5.3) of a minimum height of 1m, and with colour coding to clearly identify each side of the route.

5.3.1. Metal rod markers should not be used.

5.3.2. Markers should be placed to avoid the likelihood of Competitors putting all wheels out between markers, or where they are likely to be moved by bushes or branches.

5.4. Clearly visible sub-section numbers should have a minimum figure height of 50mm.

5.4.1. If sub-section numbers are not placed on both sides of the route, they should be on the right-hand side with corresponding guide markers on the left.

(P) Cross Country Events

5.4.2. Sub-section numbers should be closely grouped in areas of expected failure.

5.5. A minor proportion of the sections can be timed, but any time penalties must be related using a published formula to points lost on a section.

5.5.1. Timed sections must be a maximum of 200m long, and the maximum time allowed for the section shall be stated.

5.5.2. Approaches to and exits from sections must not present any unreasonable hazard or difficulty.

5.6. There should be sufficient Marshals at each observed section to ensure safety procedures are followed, and adequate Judges in attendance (1.6).

5.7. Organisers may at any convenient time after the start of a Competition require any Competitor to increase or decrease their minimum Permitted tyre pressure by a maximum of 5lbs/sq.in. This decision must be advised to Competitors in writing and sufficient time allowed for them to comply.

Junior Trials (45)

6.1. Junior Trials must be organised in accordance with 5. and at all times during these event vehicles may only be driven under the instruction of an Official.

6.1.1. Where a Junior Trial is held concurrently with another event at the same venue, the area for the Junior Trial must be adequately separated and clearly defined.

6.1.2. Special consideration must be given to the terrain chosen, particularly with regard to side slopes and drops, and water should generally be avoided.

6.1.3. Where present, the maximum depth of any water must be 0.2m.

6.2. There are three Classes of Junior Trial: Novice, Intermediate and Expert.

6.2.1. The maximum Permitted gradients for each is as follows:

Novice Intermediate Expert

The maximum 50% 60% N/A longitudinal gradient

The maximum 25% 35% N/A transverse gradient.

6.2.2. An MSA Observer may be appointed at Junior Trial events.

Tyro Trials (44)

7.1. These must be organised in accordance with 5. and the following:

7.1.1. The terrain chosen should ensure that vehicles do not catch any bodywork on approach, ramp breakover, or departure angles, and consideration should be given to the vehicles entered when laying out sections.

7.1.2. Any longitudinal gradient must be 50% maximum.

7.1.3. Any transverse gradient must be 25% maximum.

7.1.4. The depth of any water must be 0.3m maximum.

7.1.5. Vehicles must be capable of traversing sections without making contact with any trees, bushes or other natural features.

7.1.6. No features may be included within sections which are likely to cause damage to the underside of competing vehicles.

Winch Recovery (46)

8.1. The aim of these events is to safely and precisely winch an object between two points via gates and different routes as defined in the written instructions. They must be organised in accordance with 1 to 1.6 and the following:

8.1.1. The Course can be laid out over any type of terrain but must be on private ground in an area prohibited to spectators. It must be taped or roped off to indicate the boundary to Competitors and spectators and comply with 8.1.4.

8.1.2. Natural anchorages may be used at the discretion of the Clerk of the Course but must be protected from damage.

8.1.3. All objects to be recovered must have a good quality chain attached, to the satisfaction of the Clerk of the Course. If the object is a vehicle then all glass must be removed where appropriate. The steered wheels may be locked in any position and one or more wheels may be removed.

8.1.4. The Clerk of the Course may stop a team if their mode of recovery is considered likely to be dangerous to officials, competitors, spectators or the natural terrain. Penalty points will be awarded if any gate or previously specified object is touched by either the object or team.

8.1.5. The Organisers will allocate Competition numbers at random and teams will start in numerical order.

Promotional Events (47)

9.1. These are non-competitive events designed to enable participants to experience driving their vehicles off-road and to introduce them to organised off-roading. They must be run in accordance with D.5.1 and the following:

9.1.1. They must consist primarily of a liaison route or routes wholly off the public highway, which may also include optional, simple, and non-damaging, trials type sections.

9.1.2. The liaison routes and any special sections should be clearly marked and adequately Marshalled.

9.1.3. Clubs may not organise more than three Promotional Events per year.

Organiser's Regulations: Timed Events

Cross Country Vehicle Timed Trials (48)

10.1. These trials must be organised in accordance with 5. and the following:

10.1.1. The instructions must state the maximum time and the target time allowed to complete each section.

10.1.2. The target time must be set at no more than 22mph (10m/s) average.

10.1.3. The maximum length of any Timed Trial section must not exceed 320m.

10.1.4. Events must be timed using equipment as specified in 11.4.

10.1.5. Each section must be clearly identified and must

be a prohibited area for all persons except Officials and those Competitors attempting the section (D.31.1.2).

Competitive Safaris (49)

11.1. Competitive Safaris must be organised in accordance with 1 and the following:

11.1.1. All courses must be on private ground and should be laid out at one venue only.

11.1.2. Timed sections must run over roads or tracks from which all vehicle and animal traffic has been excluded. These need not be marked on definitive maps.

11.1.3. The route should be made as safe as possible and unmistakable for Competitors and spectators.

11.1.4. Means of access, both to the section and to the site, should be closed by barriers and signs to prevent any non-competing vehicle gaining access.

11.1.5. Warning notices as detailed in D.31.1 to 32.5. should be displayed, and areas of particular danger (eg escape routes) should be marked with signs as specified in D.31.1 to 32.5.

11.2. It should be impossible for anyone on foot to get on to any stage through normal access roads or tracks without:

11.2.1. Being aware of it.

11.2.2. Having been seen by an Official.

11.2.3. Having seen a warning notice.

11.2.4. Having seen the Safety Code.

11.3. The course can involve trials type sections, the surmounting of natural obstacles or hazards, or points at which the crew may be required to dismount to perform a set task.

11.3.1. Wherever possible the course should be not less than one mile long, and where the terrain makes this impossible, at least a quarter mile long.

Timing

11.3.2. The average speed must not exceed 30mph unless run in accordance with minimum safety requirements of a Hill Rally Special Stage, when the average speed must not exceed 50mph. Competitive Safaris timed in excess of 30mph shall be referred to as Safari Plus.

11.3.3. No Competitor exceeding the specified average speed should gain any advantage nor be penalised.

11.3.4. Competitors must not be offered any award for equalling or improving upon the target time, or achieving the fastest times or least penalties for such sections.

11.4. For Clubmans events the following is strongly recommended. National B and higher events must be timed by:

11.4.1. Certified equipment.

11.4.2. Digital clocks to MSA Specification R or E/B.

11.4.3. Recording clocks printing to seconds, or

11.4.4. Automatic apparatus.

11.5. All times recorded must be to the previous whole second only.

11.5.1. Where timing is actuated by a light beam, vehicles must be positioned at the Start with the part which will break the beam 1 to 2 metres behind the beam.

11.6. Where an event is timed manually, and the Start Marshal has instructed a Competitor that they are next to start, the starting procedure shall be either of the following:

11.6.1. The Marshal will give a loud verbal indication of 30 seconds to go, 15 seconds, 10 seconds and 5 seconds, and then count down verbally each second 5-4-3-2-1-GO. Upon the signal GO, a visual starting signal must be given, which will normally be the raising of a flag from the bonnet (not the windscreen). Any other visual signal to be used must be described in the event SRs. False starts will be penalised in accordance with charts 30.1.1(h) or 30.1.2(h).

OR

11.6.2. Before the illumination of the green light indicating that a Competitor may start, a red light is illuminated warning that their countdown is imminent. The SRs must specify the countdown method. Timing will start from the green light, whether or not the Competitor starts immediately on its illumination.

11.7. Courses and Stages where Competitors are required to start at intervals of less than one minute may dispense with the '30 seconds to go' advance warning. This procedure must be advised in the SRs.

Course Organisation

11.8. There must be adequate communication between Start, Finish and intermediate points.

11.8.1. Adequate Marshals must be posted along the course, particularly at any potentially dangerous points, at any observed section and where recovery operations may be required.

11.8.2. Rescue vehicles must be positioned at Predetermined locations, to transport any injured crew or Officials to the medical or first aid facilities.

11.8.3. Motorised reconnaissance of the course is forbidden, unless specifically allowed by the SRs, and then only if run to the requirements of a Promotional Event, and in a controlled convoy with lead and tail Official course vehicles.

Course Marking

11.9. The course should have a clearly marked route so that no navigation is required, and all course markings should comply with 51.1.

11.9.1. The correct route should be indicated to Competitors by arrows and signs, and by physical blockage of all but the correct road.

11.10. These indications must, wherever possible, be consistent with the illustrations overleaf and with the following:

11.10.1. Arrowing should be reduced to a minimum and placed only at junctions.

11.10.2. Really acute bends or hazards where a drastic reduction in speed is required should be marked by a Caution Board. Caution Boards, comprising red exclamation Marks on a white background 51cm x 38cm, will be displayed on each side of the stage between 40 to 50 metres before the hazard. At the hazard a pair of diamond shaped orange markers at least 150mm x 150mm will be placed each side of the stage. These will be repeated, in pairs, on each hazard if there is more than one hazard to which the warning refers (see Appendix 1, chart 11.10).

(P) Cross Country Events

11.10.3. All signs should be placed approximately 1.2m from the ground. Wherever possible arrows and signs should be Dayglo red or orange and should be easily visible. To avoid confusion, multiple signs on one post should be avoided.

11.10.4. Advance warning signs for junctions should be between 50m and 100m before the junction. Two arrows should be visible on the junction, fixed so as to form a 'gate' through which the Competitor will pass. Arrows may be angled to show the severity of the junction, indicated by one of four basic positions, either vertical, horizontal, raised or lowered by 45°.

An example of the method used must be shown to Competitors before the event.

11.10.5. A vertical arrow should confirm the correct route immediately after a junction.

11.10.6. A wrong direction should be indicated by a standard No Entry sign (a red disc with a white bar) and all but the correct road should be visibly blocked by means of tree trunks.

11.11.1. The location of all MSA-listed danger spots on the route must be clearly marked in the Road Book or Stage Tulip Diagrams.

11.11.2. Special warning signs, a minimum of 51cm x 38cm and fixed on a stake, must be erected in a clearly visible position.

11.11.3. The sign must show two exclamation marks, and be preceded at 50m and 100m by similar exclamation marks.

11.11.4. Both signs must be Marshalled throughout the event.

11.11.5. Other hazards should be indicated by single exclamation signs 50m and 100m before the hazard (an MSA list available to Organisers on request).

11.12.1. If a section of road is used twice on stages where the route divides, or where two roads merge, the junction itself should be clearly marked by a white board at least 76cm x 61cm, illustrating the nature of the junction.

11.12.2. Figures on this board should be at least 16cm high.

11.12.3. The junction should be preceded similar signs at 100m and 200m showing Motorway-type count down diagonal bands.

11.12.4. Judges of Fact should be placed at the split junction to record penalties on Competitors overshooting and reversing back against the route of competitive traffic.

11.12.5. Where Competition routes merge on a lapping course, the angle between the two roads (prior to the common route) should be no more than 45° to each other, and on joining should run separately, but in parallel, for at least 100m before merging.

11.12.6. Signs of a minimum size of 76cm x 51cm must be shown to Competitors as detailed in Appendix 1, chart 76(b).

11.13.1. Arrows must have a bright, preferably Dayglo finish facing the Competitor.

11.13.2. Where the course changes direction repeatedly without any natural features, arrows must have a contrasting colour on the reverse side (preferably matt black or white) with tape staked at reasonable intervals to further define the course.

11.14. The Flying Finish line must be located a sufficient distance from the Stop Line to allow Competitors to decelerate in a controlled manner, especially where they proceed directly into a Service Area.

11.14.1. Bad weather, slippery conditions and the speed potential of cars crossing the Flying Finish Line will require a greater distance.

11.14.2. The area between the Flying Finish and the Stop Line should be free from bends, sharp or deceptive corners or hazards such as gates or ditches. This area is prohibited to spectators.

Senior Officials

12.1. The Clerk of the Course at a National A or International Competitive Safari must be licensed as in 1.1.11.

12.2. The Chief Scrutineer at a Competitive Safari must be appointed from the list of MSA Technical Officials.

12.3. An Event Safety Officer should be appointed, experienced in the operation of current competitive safaris, who appreciates the potential problems of vehicles competing in differing conditions. The same Officer may also assume the duties of Chief Marshal and can be responsible for ensuring effective arrangements are in place to supplement the general Marshalling strength organised by the Clerk of the Course as follows:

12.3.1. There should be pre-determined arrangements available for summoning appropriate emergency services, via rendezvous points if necessary, to the scene of an incident.

12.3.2. Unless the complete route is visible from the Start or Finish areas, there should be an effective radio communications network (excluding CB radios) operated through a nominated Controller under the direction of the Clerk of the Course, linking Officials at the Start, Finish and intermediate points with rescue and medical services.

Live Recovery

13.1. At Competitive Safaris and Hill Rallies, Live Recovery (the recovery of stranded Competitors whilst the course or stage is still live) may only be undertaken in accordance with the following:

13.1.1. The SRs must state whether Live Recovery will be operating at an event and the Clerk of the Course must brief Drivers on the procedures.

13.1.2. It can only be undertaken by dedicated Specialist Recovery Vehicles (SRVs) deployed by the Clerk of the Course at potentially difficult locations.

13.1.3. It must not be used for accidents which must be dealt with by the appropriate medical and rescue services deployed by the Clerk of the Course.

13.1.4. The SRV must comply with 58.1 and be equipped with appropriate tyres, substantial towing points, a suitable tow rope, a Yellow Flag, a roof mounted amber warning beacon and a radio (either on the MSA medical and safety frequency (2.4.8) or on a PMR frequency licensed for the event: CB Radio is not acceptable).

13.1.5. The crew will comprise a minimum of two people who must wear high visibility jackets at all times. The first will operate the SRV and radio communications, the second will warn other

Competitors that Live Recovery is in progress by displaying a Yellow Flag at a suitable distance ahead of the recovery location.

13.1.6. It is the Competitor's responsibility to attach and detach the tow rope from the SRV vehicle during Live Recovery. Exceptionally, where available, a third crew member can attach and detach the tow rope and supervise the operation. Three-person crews are strongly recommended for National A events.

13.1.7. Procedures must be identical for each SRV deployed at an event.

13.2. The procedure for a Live Recovery operation must be as follows:

13.2.1. The SRV must report the number of the stranded vehicle by radio and should not commence operations without permission.

- The second crew member then proceeds on foot to a safe distance ahead of the stranded vehicle and displays a Yellow Flag to warn other Competitors that a Live Recovery is taking place.

13.2.2. The SRV must display a flashing amber beacon and flashing hazard lights at all times during Live Recovery.

13.2.3. In reaching a stranded vehicle, it must avoid travelling across or along the course, except in positioning itself to approach the recovery from a down-course direction, and place the stranded vehicle between it and approaching Competitors.

13.2.4. Course Marshals may assist the SRV crew and must ensure all spectators are kept clear.

13.2.5. Wherever practicable, the stranded Competitor must be pulled through or over any obstruction in the direction of travel along the course.

13.2.6. When the SRV is in position, the first crew member should instruct either the Passenger or Navigator of the stranded vehicle (or the third crew member) to attach the tow rope between the vehicles. Once attached, they must stand clear and indicate to the first crew member that it is safe to commence recovery.

13.2.7. On completion of the recovery, the first crew member will indicate to the Passenger or Navigator (or third crew member) that it is safe to detach the tow rope between the vehicles, ensure that the tow rope is properly stowed and then indicate to the first crew member that it is safe to move the SRV clear.

13.2.8. Once the first crew member reports that the SRV is clear, the second crew member can allow Competitors to proceed past the recovery location.

Hill Rallies (50-51)

14.1. These must be organised in accordance with 1 to 4 and the following:

14.1.1. Competitors must be seeded in order of anticipated performance, with the first Competitor having the best performance potential, unless the MSA has given prior approval to the contrary.

14.1.2. All special stages must not be less than a quarter mile long in demanding terrain, or 1 mile in other instances.

14.1.3. Trials-type sections or tests may be incorporated within special stages.

Duties and Responsibilities of the Clerk of the Course

14.2. In addition to the responsibilities detailed in 18, the Clerk of the Course should ensure the following:

14.2.1. The use of Forestry Commission property has been approved by the MSA. Permission must be applied for by an annually specified date, prior to the Forestry Commission year (1st January - 31st December). No contact should be made with the Forestry Commission prior to receiving approval from the MSA, or an appointed Forestry Liaison Officer.

14.2.2. Other motor sport users of venues to be included in special stages must be notified of arrangements.

14.2.3. The Chief Scrutineer must be appointed from the list of MSA Technical Officials.

14.2.4. A Stage Commander should be appointed for every stage, with the responsibility for ensuring that the stage complies with the Regulations.

14.3. An Event Safety Officer should be appointed. The Officer should be experienced in the operation of current Hill Rally stages and have an appreciation of the performance of Hill Rally vehicles in differing weather conditions.

14.3.1. The Officer should be assisted by a Spectator Safety Officer who is responsible for specific arrangements to accommodate spectators in suitable areas, to prevent their accessing unsuitable areas and to make suitable access facilities for spectators' use.

14.3.2. The Event Safety Officer is responsible for ensuring effective arrangements to supplement the general Marshalling strength organised by the Stage Commander as follows:

- Ensure arrangements are available to every Stage Commander for summoning appropriate emergency services, via rendezvous points if necessary, to the scene of any incident
- Unless the complete route is visible from the Start or Finish areas, provide an effective radio network, operated through a nominated Controller under the direction of the Stage Commander, linking Officials at Start Finish and intermediate points with rescue and medical services. The frequency must be secure and either the MSA Safety Frequency or a privately-licensed frequency to Ofcom Regulations.
- The Controller must be experienced in the use of radios and in controlling a network, and must ensure the disciplined use of the radios. Where the MSA Safety Frequency is used, the Radio Controller must hold a valid MSA Controller's Licence (Notes on radio procedure are available from MSA).

14.4. Written instructions on the operation of the stages must be made available to all Officials and Marshals. These must clearly establish:

14.4.1. That the number of cars to be sent through any stage prior to the Competition is to be kept to a minimum; that the crew of each Course car has specific duties allocated by the Clerk of the Course on which they must report to the Stage Commander (or Deputy) immediately on completing each special stage; and that no stage can start until the Zero car crew have confirmed that the stage is ready for Competitors and Marshals have any spectators on the stage under their control (16.6).

(P) Cross Country Events

14.4.2. That there must be no movement of any vehicle or of the rescue services once the stage has opened without the specific approval of the Stage Commander, and then only after suspending the stage and being satisfied that it is cleared of competing cars.

14.5. On special stages where it may be necessary to authorise the movement of non-competing vehicles prior to the stage being cleared, a system of red flags must be in place.

14.5.1. These flags can only be located at radio points and only displayed on the specific instruction of the Clerk of the Course or the Stage Commander.

14.5.2. Red flags must only be used when there is a Possibility of non-competing vehicles and rescue Services moving on a stage ahead of competing cars.

14.5.3. There must always be a red flag displayed at the Point where rescue or emergency vehicles join the route of a stage.

14.5.4. Competitors must be advised, in writing, which stages are operating this system and the procedure which they must adopt (51.1).

- a) That under no circumstances will any car be allowed to drive in the reverse direction of the stage
- b) That detailed emergency procedures and equipment have been made available by the Event Safety Officer
- c) That the priorities in dealing with an incident are first to deal first with the injured by removing them in a suitable vehicle if it is safe to do so, and then to deal with the vehicles if they constitute a hazard to the continued running of the stage or to property
- d) That no Competitor will be Permitted a re-run of a special stage (51.2.3)
- e) That the system of ensuring Competitors are positively monitored and checked through a stage is explained. Organisers may either use numbered stage time cards or note the previous Competitor's Competition number with the next Competitor to leave the start
- f) That all non-competing vehicles are parked in a safe place, or at least 30m from a road or track used as a Special Stage, between a point in advance of the Start control and a point 100m beyond the Finish stop control. Non-competing cars required solely for purposes of safety may be parked at any place designated by the Stage Commander as suitable
- g) That any road or track which can form an escape road between the start and stop controls should be kept clear and unobstructed for a distance of at least 100m, bearing in mind the potential approaching speed of a Competitor
- h) That the location of any competing car that fails to complete the stage is reported to the Stage Commander
- i) That the information required by the Clerk of the Course to consider 14.6.4 is available if the stage is interrupted or stopped for any period of time
- j) That reasonable precautions are taken to protect private property located adjacent to any stage against damage.

14.6. If the normal running of a Special Stage is stopped for any reasons after the passage of one or more Competitors, and it proves impossible to allow other Competitors to cover the stage competitively, the Clerk of the Course can give each crew that hasn't covered the stage a notional time corresponding to the slowest time set up before the interruption.

14.6.1. If the slowest time represents a complete anomaly, the next slowest time should be retained (and so on until the 5th slowest time).

14.6.2. However no crew which is totally or partially responsible for stopping a stage can benefit from this measure.

14.6.3. If they finish the stage, they will be given the time which they actually set, even if this is greater than the time awarded to other crews (27.4.3).

14.6.4. In any event seeding Competitors in reverse order of anticipated performance, the Clerk of the Course can give to Competitors a notional time corresponding to the fastest time set at the moment of any interruption, or apply the next fastest time (up to the 5th fastest time) if the fastest time represents a complete anomaly.

14.7. The Clerk of the Course has the right to:

14.7.1. Impose a penalty in accordance with 30.1.2(w) or 30.1.1(v) on any Competitor who causes or is part of a serious blockage on a Special Stage, whether intentionally or otherwise, if their actions prevent any other Competitor from completing the stage competitively.

14.7.2. Impose further penalties under C.2 as appropriate.

14.7.3. Appoint Officials to search Competitors and their vehicle for unauthorised Pace Notes (51.4). There should be two such Officials, one male to check male Competitors and one female to check female Competitors.

Special Stages

15.1. The route of a special stage may not be defined by grid references or any other method requiring Competitors to choose their own route.

15.1.1. Every effort should be made to site the Flying Finish at a point where cars can be expected to be travelling slowly as a result of a preceding bend or hazard.

15.1.2. No practising or testing is Permitted on any special stage before any event, unless specifically authorised by the MSA.

15.1.3. The Flying Finish line must be at least 200m before the stop line, which should be at least 100m before any public highway.

15.1.4. Bad weather, slippery conditions and the speed potential of cars crossing the Flying Finish line will require these distances to be extended.

15.1.5. The area between the Flying Finish and the stop line should be free from bends, sharp or deceptive corners, or hazards such as gates, etc.

15.1.6. This area must be prohibited to spectators.

15.2. All Officials should be clearly identifiable and wherever possible:

15.2.1. Be in visual contact throughout the length of the stage.

15.2.2. Be in sight of all signs and arrows, and at prohibited areas.

15.2.3. Be placed where the public are expected to arrive to watch the stage.

15.2.4. Have some pre-arranged system for warning spectators of the approach of cars.

15.2.5. Be under the control of a Sector Marshal if appropriate.

15.3. Where a special stage forms a continuous circuit, Competitors must not be required to complete more than two laps.

15.3.1. Organisers should allow at least 100m separation from the start of the stage before Competitors join other cars already on the stage.

15.3.2. No individual stage on a multi-venue hill rally may use any particular section of road or track more than four times.

15.4. Throughout the event Stage Timing will be to the preceding second, using equipment as specified in 69.

15.4.1. The timing of any section should be recorded so that Competitors can ascertain its correctness. This prohibits the 'setting back' of the section finish watch.

15.4.2. Timing must be from a Standing Start to the Flying Finish line.

15.5. No Competitor should be allowed to gain an advantage by exceeding the specified average speed.

15.5.1. The time based on this average is referred to as the stage Bogey Time.

15.5.2. No award can be made to Drivers who improve upon or equal the Bogey Time, or for the fastest time or least penalties on such a stage.

15.6. Competitors must not be started from any stage start at intervals of less than one minute, unless in accordance with the following procedures:

15.6.1. Starts of between 30 second and one minute interval are Permitted, provided no undue difficulties are foreseen and:

15.6.2. The stage has no split route and does not exceed a total length of four miles if on an unsealed or mixed surface, or eight miles if completely on a sealed surface.

15.6.3. The stage is neither a currently nor previously licensed Race, Speed or Kart venue, or an airfield (disused or otherwise) 15.6.4. No part of any stage traverses the same section of route during the running of that stage, or as part of another stage running concurrently. If the stage constitutes a continuous circuit, it must be less than one lap.

15.6.5. Competitors have been seeded by the Organisers by performance in accordance with 14.1.1 without dispensation.

15.6.6. That suitable timing arrangements have been made at the Finish line.

15.7. Authorisation for stages not covered in 15.6 above must be obtained in writing from the MSA and will only be considered when the following information has been submitted:

15.7.1. The individual stage name, number and location.

15.7.2. The length of the stage and the type of surface (forest, tarmac, etc).

15.7.3. The average width of the road or track.

15.7.4. Diagram(s) of venues showing stage routes and safety provisions.

15.7.5. The number of times Competitors are attempting the stage.

15.7.6. If Competitors are attempting the stage more than once, the time interval between a Competitor's first and second run, and the possibility of catching previous Competitors.

15.7.7. Whether Competitors attempting their second run will be interposed with Competitors still attempting their first run.

15.7.8. Whether the stage has a split route, and if so how far this is into the stage. On unsealed surfaces the stage must not consist of more than 2½ miles of common route.

15.7.9. Whether extreme weather conditions will adversely affect a fair Competition.

15.7.10. Confirmation that suitable timing arrangements have been made at the Finish Line.

16.1. Any access to any part of a stage, whether from a car park or through entrances, should be protected by warning notices as specified in D.31.1.1, D.31.1.5, and is subject to the requirements of D.32.1.

16.1.1. A copy of the Safety Code should be displayed at all entrances where the public are likely to enter, and in areas considered to be hazardous (including escape routes and prohibited areas).

16.2. On stages or events where it is intended to charge for admission, whether directly or by programme sales, specific MSA approval must be obtained prior to any publicity material being circulated (16.3).

16.2.1. The MSA will not authorise any admission charge for spectators unless adequate safety precautions for them, appropriate to speed events, are in place.

16.2.2. Where the nature of a venue means it is impractical to apply such precautions, or access by the public cannot reasonably be controlled, then only a car park charge may be made for which no MSA approval is required.

16.3. For events with a published programme, or where information is published which gives details of the location of special stages, a copy of the Safety Code should be included for the guidance of spectators.

16.3.1. The organisation of special stages should seek to ensure the route is made as safe as possible, and unmistakable to Competitors and spectators alike.

16.3.2. Means of access onto the stage should be closed by sufficient barriers and signs to prevent any non-competing vehicle gaining access.

16.4. It should also be impossible for anyone on foot to get on to any stage through normal access roads or tracks without:

16.4.1. Being aware of it.

16.4.2. Having been seen by an Official.

16.4.3. Having seen a warning notice.

16.4.4. Having seen the Safety Code.

(P) Cross Country Events

16.5. Fire extinguishers (20lb/9kg dry powder type) must be available in any area defined as 'Service Area' or 'Paddock' and any area in which competing cars are assembled awaiting their attempt at the stage(s), and at stage finishes.

Course Cars

16.6. The only category of Course Car that may be driven through a stage at near competitive speeds will be a Zero car, identified by carrying markings of 0, 00, or 000 as appropriate.

16.6.1. No other Official car can carry such markings.

16.6.2. Zero cars must be the last vehicles to traverse a stage before the first Competitor, unless the Clerk of the Course authorises otherwise.

16.6.3. Zero Cars must only stop on the course in the case of emergency and must be fitted with an effective method of communicating with the start control Officials.

16.6.4. With the exception of Class eligibility, Zero Cars must pass the same pre-event scrutiny as Competitors.

16.6.5. There must be only two crew members in each car, and they must wear helmets and seat belts, and have fire extinguishers fitted, as is mandatory for Competitors.

16.6.6. Both crew members must be signed-on Officials. It is recommended that the Driver is a Competition Licence holder and that one of them has been involved in pre-event planning.

16.6.7. No Driver who is barred from holding a Competition Licence may drive an Official, Course or Zero car over a competitive safari course.

Special Stages: Arrows and Signs (11.9) (51.1)

17.1. The course for those parts of Hill Rally Special Stages which are run on defined tracks must be defined in accordance with 11.9. Where the route does not follow defined tracks, the special stage shall be marked as follows:

17.1.1. Pairs of arrows must be erected to form a gate; sufficient stakes should be used to ensure each arrow remains standing and indicating the correct direction.

17.1.2. The arrows must point in the direction that the stage continues after the gate.

17.1.3. Consecutive gates must be approximately 100 metres apart, or in sight of each other, allowing for the lower seating position of crews in non-production vehicles. They should be approximately 6 metres wide, but in soft ground where a choice of route may be given, they can be approximately 20 metres wide.

17.1.4. A single warning arrow must be positioned approximately 25 metres ahead of numbered locations (rather than intermediate gates) and changes of direction of over 45° indicating the direction to be followed at the location.

17.1.5. If there is any doubt about route direction, tape should be used to form a funnel in the correct direction, or to define the outside of a corner.

17.1.6. Where the course repeatedly changes direction without any natural features, tape staked at reasonable intervals should be used to define the course.

17.2. All roads and tracks used must appear on the Competitors' maps, or any tulip diagram supplied.

17.2.1. These should show junction or hazard numbers or letters, indicate the intermediate mileages between junctions, any danger spots and hazards, and the direction to be taken.

17.2.2. This diagram must be approved by the MSA prior to the event.

17.3. Location numbers must be placed on the single warning arrow as required by 17.1.

17.3.1. Each digit must be black and measure 76.3mm high and 12.7mm thick.

17.3.2. They must be in a sans serif font on a white background a minimum of 147mm tall x 104mm wide (ie if there are two digits the background will be 208mm wide).

Multi-Use Hill Rallies

18.1. *The SRs for Multi-Use Hill Rallies must state whether the Public Highway is being used or not.

18.1.1. No stage route may be used more than twice.

18.1.2. For a stage route to be recognised as different, it must vary by at least 20% if run in the same direction, or for it to be reversed.

18.1.3. No part of a stage may be used in any one direction more than 12 times during any event.

18.2. Venues where spectators are encouraged to attend should have a resident Spectator Control Car equipped with a PA system and a radio on the frequency to be used at the event.

18.2.1. A co-Driver who has signed-on must be carried in each competing car and no practising is allowed.

18.2.2. Fire extinguishers must be available in any area defined as a service area or paddock, and any area in which competing cars are assembled waiting their attempt at a stage.

18.2.3. The MSA may appoint a Steward for any event, and will do so where an event is confined to one venue.

18.2.4. Written MSA permission must be obtained in advance in respect of any other activity being held at the time of the event at the venue, in order to ensure whether suitable insurance can be arranged.

18.2.5. PR work, in accordance with 4.1, must be undertaken irrespective of whether or not the public highway is used on the event.

18.2.6. The Clerk of the Course at a National A or International Hill Rally must be licensed as in 1.1.11.

Service Areas

18.3. All Service Areas should be under the supervision of a Safety Officer with suitable means of contacting the Emergency Services.

18.3.1. Special care must be taken to ensure that the areas are kept secure from spectators and that all aspects of Health and Safety Regulations are observed.

18.3.2. Adequate fire extinguishers must be available at the site.

Emergency Vehicles

18.4. The equipment and licensing criteria for Rally emergency vehicles are listed in Section F.

18.4.1. These vehicles comprise Rally Recovery Units, Rally Rescue Units and Stage Safety Units (SSUs).

18.4.2. To maintain safety cover, unless licensed vehicles are available, SSUs should be able to provide rescue, first aid and fire fighting to incidents within 15 minutes (ie starting from the beginning of a stage and proceeding in the direction of the stage).

18.4.3. It is recommended that an SSU is stationed at each stage start.

Medical and Safety Cover

Multi-Use Hill Rallies

19.1. At each venue there must be:

19.1.1. A Doctor or MSA-registered paramedic.

19.1.2. An MSA-licensed Rally (or Dual) Rescue Unit.

19.1.3. A Recovery Unit.

19.2. A Chief Medical Officer, who must be a doctor, must be appointed, responsible – in consultation with the Clerk of the Course and the Event Safety Officer – for ensuring that the required level of medical and rescue cover is provided.

19.2.1. Their responsibilities should include the detailed organisation of doctors, their planning and deployment within stages, the organisation of ambulance meeting points and the notification of hospitals in relation to the stages.

19.2.2. The Doctor and Safety Officer, in liaison with Stage Commanders, should be aware of the evacuation routes from all stages and rendezvous points.

19.2.3. Following consultation with the Clerk of the Course, the Chief Medical Officer may appoint a suitable deputy to take over the Chief Medical Officer's duties in an emergency.

Hill Rallies Other Than Multi-Use

19.3. For Clubman, National B and National A Multi-Venue Hill Rallies, there must be at every stage (or group of stages of which a maximum three are Permitted in close proximity):

19.3.1. A doctor or MSA-registered paramedic.

19.3.2. An MSA-licensed Rally (or Dual) Rescue Unit.

19.3.3. In addition, those stages without the an MSA Rescue Unit may position an MSA-licensed SSU at the start.

19.4. For every stage in excess of nine miles in length, in addition to the above, there must be at a suitable mid-point:

19.4.1. A doctor or MSA-registered paramedic.

19.4.2. An MSA-licensed Rally (or Dual) Rescue Unit or an MSA-licensed SSU.

19.5. It is recommended that an MSA-licensed Recovery Unit, or a commercially operated Recovery Unit, is placed at or near those stage start locations where a Rescue Unit is positioned.

19.6. For International Hill Rallies (other than FIA Championships) there must be at every stage start:

19.6.1. A doctor or MSA-registered paramedic.

19.6.2. An MSA-licensed Rally (or Dual) Rescue Unit.

19.6.3. A Recovery Unit.

19.6.4. For stages in excess of nine miles in length,

these requirements must be repeated at a suitable mid-point.

International and National A Hill Rallies

19.7. It is recommended that the Chief Medical Officer is appointed from the MSA Register and approved for the grade of rally being run.

19.7.1. A senior Medical Officer should also be appointed for each stage and be positioned at the stage start to work under the instructions of the Stage Commander.

19.8. Doctors should carry sufficient equipment as they feel necessary for the performance of their duties. The following is suggested:

- Airways x2
- Cervical collar
- Two large field dressings
- Powerful hand torch
- Space blanket
- First aid kit.

19.9. It is recommended that Organisers have available a full resuscitation kit.

19.10. All accidents and incidents involving injury must be reported in writing by both the Medical Officer and Stage Commander to the Clerk of the Course. A completed MSA report form, signed by the Doctor should be sent to the Medical Consultant at the MSA.

Cross Country Orienteering (54)

20.1. These events must be organised in accordance with 1-1.6 and the following:

20.1.1. There should be no merit attached to being the first to arrive at any point, nor should it be necessary to arrive at any point other than the Finish by a specified time.

20.1.2. If an overall speed limit is set for an event, it must be possible to win without exceeding an average speed of 10mph from Start to Finish. Participants must not be required to travel more than 50 miles, nor to perform any task or solve any problem that is likely to offend anybody not taking part in the event.

20.1.3. When running an Orienteering event at night careful consideration should be given to restricting auxiliary lights. R18.5 is strongly recommended.

Team Recovery (52)

21.1. Any Team Recovery event must be organised in accordance with 1-1.6 and the following:

21.1.1. The event must be on private ground. The use of the Public Highway, including Rights of Way, is forbidden.

21.1.2. Only vehicles within the same team may be on any observed section at the same time.

21.1.3. At each observed section, Official Recovery Teams must be on duty in the location specified by the Clerk of the Course.

21.1.4. Rescue vehicles must be positioned at predetermined locations to evacuate any injured party.

(P) Cross Country Events

Point to Point (53)

22.1. Point to Point events must be organised in accordance with 1-1.6 and the following:

22.1.1. They must be on private property at one venue only. They can incorporate open ground, tracks or roads, and can include arduous or demanding areas, water courses and other natural obstacles or hazards,

22.1.2. The ground should be an open area and positive steps (including the closure of tracks) should be taken to prevent vehicles meeting at blind points,

22.1.3. Only vehicles from the same team may be in any point at the same time,

22.1.4. The event must be timed in accordance with the requirements of 11.4.

22.1.5. Rescue vehicles must be positioned at predetermined locations to evacuate any injured party.

22.1.6. Adequate Marshals must be positioned at each point to be visited, and at locations overlooking the areas that Competitors will cross.

Challenge Events (55)

23.1. Challenge Events must be organised in accordance with 1-4 and the following:

23.1.1. The aim of the event is to drive, tow and or winch a vehicle(s) to the various identified points within the competition site, the location of which will be indicated in the SRs.

23.1.2. At each location will be a means to prove that the vehicle has reached the location, this will be identified by a number to verify it is the desired objective and will be attached to a fixed point by a cable. A score card (or other device) (attached by the scrutineer in a consistent point on all vehicles) must be marked as proof that the location has been visited. The vehicle must negotiate close enough to mark the scorecard without detaching either component.

23.1.3. The SRs will specify whether the event is for single vehicles or teams of vehicles.

23.1.4. The SRs will specify whether there is a class structure and specify the eligibility requirements for classes.

23.1.5. The SRs will specify the start time, finish time and any penalty which will be applied for late finishing.

23.1.6. The SRs will specify any start order and the method arrived at for employing it.

23.1.7. The SRs will specify the values of each point visited or any formula which is used to calculate the value of each point visited.

23.1.8. In addition there may also be Special Tasks at certain locations which are worth extra points. These may take the form of driving, mental or physical tasks, these may involve the use of the competing vehicle or alternatively a vehicle may be provided for the task. Each task will be overseen by a marshal who will issue instructions and record the score.

23.1.9. The SRs will specify the number of Special Tasks available on the day and their maximum scoring potential.

23.1.10. Special Tasks may be timed to an accuracy of one second.

23.1.11. Where a winch cable or rope may be deployed the area of that section shall be no less than the length

of the outstretched winch cable of rope and only competitors attempting the section and the observing official may be present in the Section. Where SRs require all competitors to use synthetic winch rope the width of this area may be reduced.

23.1.12. Winch cable and rope must be presented in a serviceable condition.

Competitors' Regulations: All Events

24.1. Any Competition Licence holder who Permits the unauthorised presence of a vehicle on a known Cross Country Course, a Special Stage or Forestry Commission Land will be excluded from any event involved and will be referred to the MSC National Court.

24.1.1. No verbal instruction to Competitors regarding routes, time schedules, layouts or performance in a stage or test or section issued during an event will be valid.

24.1.2. Any instruction relating to these matters must be displayed as an Official notice at least 30 minutes before the first car is due to start a Competition, or issued in writing to each Competitor who must acknowledge receipt by signing an appropriate form (D.11.1.1, G.11.2.2, 26).

24.1.3. At the start, each Competitor, Passenger and vehicle will be checked for eligibility.

24.1.4. Any Competitor not reporting as instructed may be fined, excluded or may forfeit their starting position.

24.2. Drivers at events other than Competitive Safaris, Timed Trials, Team Recovery, Point to Point, Challenge Events and Hill Rallies up to and including Clubman status must produce a valid Club Membership Card at signing-on.

24.2.1. At events of National B status and above and all Hill Rallies, Competitive Safaris, Timed Trials, Team Recovery, Point to Point and Challenge Events. Drivers must produce a Competition Licence (as detailed in Section H, and Passengers must produce a valid Club Membership Card.

24.3. Drivers at Hill Rallies, Competitive Safaris, Team Recovery, Point to Point, Challenge Events and all events crossing a public highway must hold a current valid RTA licence appropriate to the vehicle.

24.3.1. Drivers at Trials, Winch Recovery, Gymkhanas, Treasure Hunts and Orienteering must also hold a current valid RTA licence appropriate to the vehicle, but the SRs can Permit entries from Drivers who are 16 or over but who do not have a current valid RTA licence for the vehicle, provided their Passenger holds such a licence and is experienced in Cross Country Trials. Furthermore the SRs may permit drivers aged 15 or over where the competitor has finished four TYRO Trials and the vehicle is road legal. The SRs may permit drivers aged 15 or over in a special vehicle (44.1.3) where the driver has finished a further four Cross Country Trials in a road legal vehicle. Proof of finishing may be recorded on the Upgrade Card included elsewhere in this book or other suitable means.

24.3.2. Drivers at Timed Trials must hold a current valid RTA Licence appropriate to the vehicle, exceptionally the SRs may permit drivers aged 16 or over who do not hold a current valid RTA licence appropriate to the vehicle where the competitor has finished four Cross Country Trials.

24.4. The vehicle may only be driven between observed sections by a crew member holding a valid full RTA licence. For Tyro and Junior Trials see 44.1, 25.3 and 45.

24.5. At Hill Rallies both the Driver and Co-Driver or Navigator must produce a valid Competition Licence for those rallies specified in the current chart of Minimum Acceptable Licences as requiring a Competition Licence.

24.6. Upgrading Competition Licences. See H.20.

24.7. Vehicles competing in Cross Country events must comply with Technical Regulations 56 to 63 and J as appropriate.

24.7.1. *Vehicles may be divided into Classes as specified by the SRs.

The Crew

25.1. For Hill Rallies, Competitive Safaris, Timed Trials, Team Recoveries and Point to Point, all Competitors must wear approved Crash Helmets (K.10) and goggles or visors to protect their eyes, and clothing which covers the arms, legs and torso up to the neck.

25.1.1. The wearing of flame resistant clothing and gloves is strongly recommended for all events including untimed events.

25.1.2. The SRs may require crash helmets to be worn in untimed events.

25.1.3. *Seat belts must be worn on all timed events, except Team and Winch Recovery, and are strongly recommended at all events.

25.1.4. Any means of identification fixed for the Competition must be removed when a Competitor retires, is excluded, or completes the event.

25.1.5. Numbers (2.7.6, 36.4, 4.1.2, 50.5.1).

25.2. The same Driver must drive throughout a Competition and except with Official approval, the people carried at the start of an event must not change during the event.

25.2.1. Only the nominated Driver and/or Co-Driver listed on the entry form can drive during a Competition, unless the SRs specify otherwise.

25.2.2. No person under 16 years of age can be carried in an open vehicle during an event and no one is permitted to ride other than in a proper seat.

25.2.3. No Driver may drive for more than 200 miles without rest or relief, either by halting the vehicles for at least one hour or by a change of Drivers (2.5.11).

25.2.4. No competing vehicle may carry more than one Physically disabled person, whose participation must be authorised by H.12.

25.3. The minimum age for taking part in a Junior Trial is 8 years.

25.3.1. Competitors are not eligible for Junior Trials on or after their 18th birthday.

25.4. All Competitors must comply with H.7.

Competitors' Regulations: All Events Using the Highway and Hill Rallies

Route Details (33.4, 2.5.11)

26.1. The onus of following the correct route rests with the Competitor who must visit controls in the order set

out in the Road Book or Route Card, unless otherwise specified.

26.1.1. A control is considered to extend for 50m around the actual point at which Officials are located, unless clearly visible signs are displayed to define a different area.

26.1.2. The direction of approach to or departure from a control can be specified.

26.1.3. Non-compliance with 25.1.2 requirement by passing a control travelling in the wrong direction, or visiting a control or check more than once, may involve a penalty.

26.1.4. No private road track can be used by Competitors unless specific permission is given in the Road Book or Route Card.

26.1.5. Officials must be on duty at all controls (2.9.4).

26.1.6. If Officials are not present at a control during the whole period when Competitors are due to report, all performances at that control point will be ignored in compiling the results (except as provided for in 2.7.4).

26.1.7. All performances will also be ignored if a control is not sited at the location specified in Official documents.

26.1.8. The onus of ensuring all the required information is clearly and legibly recorded at the appropriate time and place rests with the Competitor (2.9.3).

26.1.9. Should any entry on a Time Card not be legible or not appear authentic, it may be ignored.

26.1.10. Organisers can refer to Marshals' check sheets in case of doubt.

26.1.11. If there is a discrepancy between the time allowance shown by Organisers on the Time Cards and that shown on any other document, the Time Card will be taken to be correct, unless previously amended in an Official bulletin.

26.1.12. It is an offence for any Competitor to proceed or continue in an event until the information required by 2.5.11 is provided.

Rights and Duties of the Organisers

(D.25.1, H.31.1.1, 51.4)

27.1. Judges may be appointed to adjudicate on:

27.1.1. Failure to stop at Stop or Give Way signs.

27.1.2. Failure to comply with 51.

27.1.3. False starts on stage, test or standard sections.

27.1.4. Unauthorised use of auxiliary lights.

27.1.5. Unauthorised possession of recorded notes, radio equipment or intercoms (36.1, 50.3, 51.4).

27.1.6. Unauthorised servicing.

27.1.7. Unauthorised smoking.

27.1.8. Excessive sound (measured by meter) (J.5.17).

27.1.9. Violation of out of bounds areas.

27.1.10. Violation of crash helmet or seat belt regulations.

27.2. Driving Standards Observers (G.11.1 to 11.2) may be appointed to adjudicate on:

27.2.1. Excessive vehicle sound (observed during the event).

27.2.2. Excessive speed.

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27.2.3. Driving in a manner likely to bring motor sport into disrepute.

27.3. Any Competitor driving at an excessive speed, in a reckless manner or in a manner likely to bring motor sport into disrepute, or convicted of any driving offence committed during an event, may be excluded.

27.4. Checks manned by Judges or DSOs need not be manned for the whole period during which Competitors may report, and may operate on a random basis.

27.4.1. The Official in charge of any control or check may mark or withhold a Competitor's road book, route card or time card if the car concerned has suffered damage to its exhaust system.

27.4.2. *The Organisers may establish a control at any point for the purpose of observing maintenance of a set speed, time schedule or route, provided that the intention to do so is stated in the SRs and Competitors are given all the necessary information for them to comply with the requirements which are to be observed (2.7).

27.4.3. After a Competition has started, Organisers will not accept any claim from Competitors in respect of Force Majeure or baulking (14.6). Despite this, the Clerk of the Course has the right to exclude any Competitor proven to have unreasonably baulked another.

27.4.4. All Timekeepers will be Judges in respect of time recorded.

Finish – Events Using the Public Highway

28.1. To be classified as a finisher, a Competitor must report to at least two-thirds of the controls listed in the Road Book or Route Card and report to the final control within the maximum lateness specified, with the car in which he started, unless otherwise stated in the SRs.

28.1.1. (28.1) Competitors at the conclusion of their Competition shall sign a declaration form to the effect that they have not been involved in any incident that may have caused damage to persons or property, or alternatively give details of such incident. Failure to comply will be penalised in accordance with 30.1.2(v) or 30.1.1(t) and may be reported to the MSA for further disciplinary action.

28.1.2. Competitors who retire will be required to submit this form to the Secretary of the Meeting within 72 hours of the event.

28.1.3. Failure to return this form may be penalised by a fine of up to £100.

Results – Events Using the Public Highway

29.1. Competitors start with zero marks and classification is based on Competitors who have incurred the least number of marks. Competitors who have incurred an equal number of marks will be classified by reference to total marks lost (30.1.1, 30.1.2).

29.1.1. In the event of a tie, the Competitor who has completed the greater portion of the Competition from the Start (including any tests) without penalty will win.

29.1.2. If both incurred a penalty at the same point, the Competitor with the lesser penalty will be the winner, unless another method of resolving ties is specified in the SRs.

29.2. Damage in relation to 30.1.1(r) or 30.1.2(t) will be considered as being any tear or any indentation exceeding two inches in depth occurring to the external surfaces of the coachwork or accessories (excluding wind-screen, windows, lamps and bumpers) above the horizontal plane of the road wheel centre.

Timing – Events Using the Public Highway

30.1. A Competition must be timed by one of the following methods, which must be stated in the SRs.

30.1.1. Target Timing.

30.1.2. Schedule Timing.

*Target Timing Definitions

31.1. *Target Time* is the time specified to cover the distance between two consecutive controls.

31.1.1. A Competitor can calculate his Due Time of Arrival at any Time Control by adding the Target Time for the section to his actual time of departure from the preceding Time Control.

31.1.2. When Target Time is used, each period of time must be treated individually and no penalties incurred will apply to any subsequent section.

31.1.3. Lateness taken over Target Time on Road Sections and Special Stages is cumulative and cannot be reduced.

31.2. *Bogey Time* is the time specified for a Competitor to complete a Special Stage without incurring penalty and must comply with 3.11 to 3.12, 11.3.2.

31.3. *Stage Maximum Time* is the maximum time penalty that can be applied on a Special Stage and will be the Target Time for the Special Stage. It must be stated on the Time Card.

31.4. *Cumulative Lateness* is the sum of times in excess of Target Time taken over each section, and once lost cannot be regained.

31.5. *Maximum Permitted Lateness* is the amount of cumulative lateness which if exceeded from the previous Main Control will result in the Competitor being deemed to have retired.

31.5.1. This amount will be 30 minutes (unless the SRs specify a different period).

31.6. *Penalty-Free Cumulative Lateness:* the SRs must specify the amount of cumulative lateness allowed free of penalty before a Competitor is penalised.

31.7. *Dead Time* is that authorised between booking in at the end of one Target-timed section and the commencement of the next section, where that time is spent entirely within a control zone.

31.7.1. Dead time has no effect on penalties or cumulative lateness incurred elsewhere.

31.8. *Delay Allowance* is a penalty-free allowance granted by an authorised Official to specific Competitors following a delay, and extends the Target Time for those Competitors on that section only.

31.8.1. Any delay allowance must be recorded in writing on a Competitor's time card by the Official.

31.9. *A Main Control* is situated at the Start and Finish of a Rally, immediately before and after any Rest Halt, and at any other specified point.

31.9.1. At a Main Control after a Rest Halt, Competitors will (unless the SRs specify otherwise) restart at one minute intervals.

31.9.2. They do so by one of the following methods, which must be specified in an Official Instruction:

- a) In number order
- b) In the order of their arrival at the Main Control preceding the Rest Halt
- c) In the order of their arrival at some other preceding control, or
- d) In the order of General Classification at a specified point if interim results are available.

31.9.3. Each Competitor must be given a due starting time from any Main Control (Out), and any difference between this time and the Competitor's actual starting time will be counted towards cumulative lateness and a Time Penalty applied (unless the SRs specify otherwise).

31.10. Re-grouping Controls: the Road Book or Route Card can specify any controls that relate to Competitors who are considered to have retired through having accumulated more than the maximum Permitted lateness at a control.

31.10.1. These Competitors commence the next section with zero lateness towards exclusion.

31.11. In a *Special Stage Arrival Control*, a Competitor proceeds to the Special Stage Start immediately after checking in to the Special Stage Arrival control. The area between the Special Stage Arrival Control and the Stage Start must be Parc Fermé.

31.12. Similarly in a *Special Stage Finish Control*, a Competitor receives a Special Stage Finish Time in hours, minutes and seconds at the Special Stage Finish Control. This time (in hours and minutes) is used as the start time for the next section (unless the SRs specify otherwise).

31.13. Competitors will receive penalties on Special Stages as follows (unless the SRs specify otherwise):

- Under Bogey Bogey Time
- Over Bogey under Target Actual Time taken
- Over Target Target Time.

Scheduled Timing Definitions

32.1. Standard Time is the time of day a notional Competitor number zero would be due at any control or check.

32.2. Scheduled Time is the actual time each Competitor is required to be at any specific point and can be calculated for any point by adding that Competitor's Competition number, multiplied by the time interval between Competitors at the Start, to the standard time at that point.

32.3. Delay Allowance is a penalty-free allowance granted by an authorised Official to specific Competitors following a delay.

32.3.1. It must be recorded in writing on the Competitor's time card by the Official.

32.4. Due Time is the time a Competitor is due at any control or check, inclusive of any previous lateness.

32.5. Penalised Time is the difference between Due Time and an earlier or later arrival time.

32.6. Penalty Free Lateness allows a Competitor late at one control to be an equivalent amount late at the next control without incurring further penalty.

32.7. Maximum Time is the latest time a Competitor can arrive at a control or check without incurring further penalty.

32.8. Outside Total Lateness (OTL) is the point where a Competitor is considered not to have visited the control or check by virtue of the fact that they are more than 30 minutes past their Scheduled Time (including any delay allowance).

32.8.1. The SRs can specify a different period.

33.1. Organisers may require any Competitor who is late to reduce their lateness by either foregoing or reducing any period provided for remaining at a control or Official halt. Competitors may themselves reduce lateness without penalty in the following ways (providing the Section is not defined as Neutral (3.4 and 3.5) and unless forbidden to do so by the SRs or by breaching 33.4):

33.1.1. When Target Times are used, by traversing the distance between any two or more points in a time less than the Target Time, so long as they do not report at a control or check before the original Scheduled Time.

33.1.2. By reporting at any control or check following one at which a penalty was applied for lateness at any time not earlier than Scheduled Time.

33.1.3. A Competitor on any Rally without Special Stages who wishes may miss a Control or Controls. They will be penalised in accordance with 30.1.2(a) or 30.1.1(a) for every control missed. If they rejoin the route at a control at the end of Standard section, they will be Permitted to restart without further penalty at any time between their original Scheduled Time and their Maximum Permitted Lateness in relation to their original Scheduled Time. If rejoining control at the end of a Neutral section, they will only be Permitted to restart without further penalty at their Official Corrected Time based on the time of arrival at the last control at which they reported.

33.2. If the need arises for an Organiser to extend Maximum Permitted Lateness, this can only be done at a point on the route at which Competitors are required to report to avoid exclusion.

33.2.1. Maximum Permitted Lateness can then only be extended for the following part of the route and cannot be applied retrospectively for earlier sections.

33.2.2. These provisions are subject to Standard Condition 4 of the Motor Vehicles (Competitions and Trials) Regulations where they apply.

33.3. No penalty free lateness or Official delay allowance which has been either reduced or foregone as Permitted by 33.1 can be reclaimed.

33.3.1. This does not exclude fresh claims based on new circumstances.

33.4. A Competitor found to have traversed a distance greater than four miles between two consecutive time controls in less than three-quarters of the time specified by the Official time schedule will be penalised in accordance with 33.1, unless competing on a special

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stage. In calculating such a penalty, any fraction of a minute will be ignored. Thus:

33.4.1. In a nine minute section a penalty is imposed if a Competitor completes the section in less than six minutes.

33.4.2. In a 10 minute section – seven minutes.

33.4.3. In an 11 minute section – eight minutes.

33.4.4. In a 12 minute section – nine minutes.

34.1. Any timing to an accuracy of less than one minute will be recorded on equipment as detailed in 2.13.

34.1.1. Competitors will be timed by the Official timepieces in the charge of Officials, unless the SRs state that watches carried by the Competitors can be used.

34.1.2. *If Competitor's own watches are used, they must be of a size and type to enable the dial to be read and must be sealed.

34.1.3. The requirements for sealing watches must be stated in the SRs.

34.1.4. The promoters may reject any watch which cannot be satisfactorily sealed or read.

34.1.5. If any sealed watch varies from Official time by more than one minute, the Competitor concerned will be timed by Official clocks from then, unless the SRs make provision for the replacement or re-setting of the watch concerned.

Controls – All Events using the Public Highway and Hill Rallies (2.4 to 2.6, 26)

35.1. Controls, checks and test sites must open 30 minutes before the due time of arrival of the first car, and close 30 minutes after the due time of arrival of the last car, unless the SRs specify otherwise.

35.1.1. The time of arrival at or departure from a control, other than intermediate and final controls of Regularity Sections (where 33.1 applies), will be the time at which the Road Book or Time Card is presented by the Competitor concerned, providing all crew members and the car are within the control area.

35.2. Exceptions to this are:

35.2.1. In the event of a competing car obstructing other Competitors through being halted or unduly slow near a control, Officials may instruct the Driver to proceed and may then record the time as the time when this instruction is given.

35.2.2. In the event of a Competitor presenting a Time Card to Officials at a time when the car is outside the control area, the Officials may or may not make a record on the Time Card at their discretion.

35.2.3. At Special Stage Arrival Controls, no penalty will be incurred if the car enters the control area as follows:

- a) On a Target Timed event, the car may enter during the sixty seconds immediately preceding the target check-in minute, or during the check-in minute. (For example: a car has left the previous Stage Finish at 11.04.40 on a section for which the target time is nine minutes. It is therefore due at the next Time Control at 11.13. The car arrives at the yellow advance Control Board at 11.08, stopping before the yellow board. The car is Permitted to enter the control zone at any time after 11.12.00. The Time Card may be handed in at any time between

11.13.00 and 11.13.59, and a time of 11.13 will be recorded. This procedure will incur no penalty.)

- b) On a scheduled time event, the car may enter the control zone during the sixty seconds immediately preceding the due time minute, or during the due time minute. The procedure to be followed is identical to that for a target timed event from the point of arrival at the yellow control board to the actual check in time.

35.3. The responsibility of establishing the correct Due Time rests solely with the Competitor, as does the onus of presenting the Time Card.

35.3.1. The time of reporting at controls will be recorded to the preceding whole minute when penalties are imposed per minute (eg 09 minutes 59 seconds will be recorded as 09 minutes).

35.3.2. When a penalty is imposed for a timekeeping error of less than one minute, the time will be recorded to the preceding second.

35.3.3. Where a control at the end of a section timed to the second also forms the start of a section timed to the minute, the time of departure will be considered as being the same as arrival, but ignoring any seconds.

All Events except Hill Rallies Using the Public Highway (2.9)

36.1. Competitors must not carry any form of Intercom (ie any method of voice amplification) or any radio transmitting device. Penalties are specified in 30.1.2(u) or 30.1.1(s).

36.1.1. Exceptionally, mobile telephones are Permitted if the SRs specifically allow them.

36.1.2. No regular assistance organised in advance may be used by Competitors.

36.2. Competitors must stop before entering any road protected by a Stop or Give Way sign. Failure to do so will be penalised as in 30.1.2(v) or 30.1.1(t) (4.3.1).

36.2.1. Exceptionally, with the specific permission of the RLO, Give Way signs in Quiet Zones may be negotiated in accordance with the Highway Code.

36.2.2. Any such junctions must be advised to Competitors in advance.

36.3. Only 1:50,000 scale OS maps may be used. The only information which can be added to these maps as sold is:

36.3.1. Highlighting numbers, words and legends printed on the map within the outer printed grid numbers.

36.3.2. Highlighting and repeating grid lines and numbers, and marking adjacent map numbers outside the area defined above.

36.3.3. Including information provided by the event Organisers.

36.4. If required by the Organisers, Rally plates must be displayed at the rear of the car and on, or just below, the rear side window (3.4.1, 2.7).

36.4.1. Competitors are strongly recommended to carry a First Aid Kit.

Regularity Sections (3.6)

37.1. Timing will be at the moment of entering the control area. The SRs will specify:

37.1.1. Whether Competitors need to stop and present Time Cards at intermediate controls.

37.1.2. *The penalties for stopping within sight of any control.

37.1.3. *The penalties for early or late arrival at any control on a Regularity Section.

Route Checks

38.1. These unmanned checks prove a Competitor's stays on the correct route.

38.1.1. Proof of passage will involve recording the symbols from a Code Board which must be placed facing oncoming Rally cars.

38.1.2. The Code Board will at least 315 sq cm and show a maximum five black numbers or letters (or a combination of both up to a maximum of seven) on a contrasting background.

38.1.3. The letters/numbers must be at least three inches high (7.63 cm) with a minimum of 1/2 inch (1.27 cm) stroke width.

Passage Controls

39.1. Manned Passage Controls also prove a Competitor's adherence to the correct route.

39.1.1. Passage Controls cannot be located less than 500m from any other manned control.

39.1.2. The only requirement for a Competitor is to have the Marshal's signature recorded.

Time Controls

40.1. Time Controls are manned points established to record the time of a Competitor who must come to a stop for the purpose.

40.1.1. It can additionally record the direction of the Competitor's approach and departure.

40.1.2. The only other information Permitted to be recorded by the Marshal is the authentication of the records held by the Competitor.

40.1.3. These records, to be valid, must be signed by the Marshal with the Competitor not being required to make any entry on the time card.

40.1.4. An example of all Official boards must be on display at documentation for the event.

Competitors' Regulations: Trials and Un-Timed Events

Cross Country Vehicle Trials (5)

41.1. These must be organised in accordance with paragraphs 24 to 40 as appropriate.

41.1.1. *The SRs may allow the vehicle crew to be varied during the event and may specify the minimum tyre pressure permitted for the Competition.

41.1.2. Only one Passenger aged 16 or over may be carried on a vehicle during Observed Sections.

41.1.3. Exceptionally, the SRs may reduce this minimum age to 14, providing the vehicle is fitted with seat belts and either a manufacturer's hard top, a truck cab, or a rollbar, or where the vehicle is a road legal, mass produced, production vehicle retaining the original hardtop or truck cab and where the seat belts comply

with K2.1.1., the SRs may further reduce the minimum age of the passenger to 12.

41.1.4. The Passenger must remain properly seated alongside the Driver throughout all Observed Sections.

41.1.5. 'Bouncing' will be Permitted only within the confines of the seating compartment, and then only so long as no portion of either the Driver's or Passenger's body (other than arms and hands) is placed outside the sides of the vehicle or behind the seat they are occupying.

Numbers

41.2. Numbers will be allotted by ballot.

41.2.1. Numbered Results Cards will be issued at the Start and must be presented by the crew to Officials.

41.2.3. Competition numbers must be displayed on both sides of all competing vehicles, except for Trials when the SRs may relax this requirement.

41.2.4. Competitors will start in numerical order, and the Organisers shall determine the order of running at each observed section.

41.2.5. Competition Numbers or Number Cards must be removed at the Finish or if a Competitor retires.

Observed Sections and Route

42.1. The onus of following the correct route rests with the Competitor.

42.1.1. Any signs displayed, other than in an Observed Section, are designed to assist Competitors and have no mandatory authority, unless the SRs specify otherwise.

42.1.2. Competitors will drive from point to point with as little delay as possible, and any Competitor suspected of loitering can be ordered to proceed by an Official.

42.1.3. Competitors arriving at an Observed Section more than 20 minutes after the preceding Competitor may be refused permission to attempt that section.

42.2.1. *Competitors should attempt to negotiate Observed Sections without stopping.

42.2.2. Organisers may, however, allow certain vehicles, by virtue of their size, to take a specified number of changes of direction on any particular section.

42.2.3. The permission to change direction and the eligibility of vehicles to do so must be specified in the SRs or Final Instructions (see Appendix 1, drawing number 204).

42.3. Failure of a vehicle to maintain unassisted forward motion in the direction of the course will be regarded as failure to comply with the requirements to proceed non-stop, unless the Judges are satisfied that a Permitted change of direction is intended, or the Organisers have ruled that more than one attempt may be made.

42.3.1. The point of failure will be at a vertical line from the centre of the hub of the front wheel which is the farther from the start of the section.

42.3.2. The beginning of any Observed Section will be marked by signs and its boundaries by markers or natural obstacles.

42.3.3. Natural obstacles must not be used as penalty markers.

42.4.1. Before attempting an Observed Section, a vehicle must be brought to rest with a leading wheel

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hub centre vertically over the Start line, as indicated by Officials.

42.4.2. The Driver must not proceed until instructed to do so.

42.4.3. If an Observed Section is divided into Sub- Sections, signs must indicate the beginning and end of each Sub-Section.

42.4.4. A vehicle will be considered to have entered an Observed Section or Sub-Section when the leading wheel hub centre has passed the marker(s) indicating the beginning of the section.

42.4.5. A vehicle will be considered to have left an Observed Section or Sub-Section when the leading wheel hub centre is past the marker(s) indicating the end of the section, provided that no prior penalties have been incurred.

42.4.6. *Failure in a lower or earlier Sub-Section will constitute failure in all succeeding Sub-Sections.

42.5. The Start line will indicate the greatest penalty and the Finish line the zero penalty. The SRs will specify the methods of scoring and application of penalties.

42.5.1. A Competitor will be deemed to have failed to negotiate an Observed Section non-stop if:

42.5.2. Any part of the vehicle touches a penalty marker, and/or

42.5.3. All wheels cross the boundary of the course as defined by the Clerk of the Course.

42.6.1. The point of failure will be deemed to be that at which the first penalty marker is touched, or the point at which the course boundary is first crossed by all wheels of the competing vehicle.

42.6.2. Should this point of failure coincide with the division between two Sub- Sections, the marks lost will be those on the Sub-Section recording the greater penalty.

42.7.1. Performances on any Observed Section may be ignored at the Organisers' discretion, even though there have been successful attempts to negotiate the section.

42.7.2. If this discretion is exercised, no performance on the section in question must be taken into account when compiling the results.

42.8. No unauthorised assistance is allowed and vehicles must complete the course under their own power. No case of force majeure will be taken into consideration.

42.9. At the Organisers' discretion, a minority of the Observed Sections may be timed, if provided for in the SRs. The following conditions will apply:

42.9.1. Only those sections which the Organisers anticipate will be completed without penalty by the majority of Competitors may be timed.

42.9.2. Any such timed section must be less than 200m long.

42.9.3. No Sub-Sections of an arduous or demanding nature can be used.

42.9.4. The maximum time allowed for each timed section must be stated in the Official Instructions prior to the commencement of the test.

42.9.5. The maximum time allowed for each timed section must not require any Competitor to exceed 15mph or 30 seconds per 200m.

Results – Trials

43.1. Any penalties incurred on a timed section must be calculated by reference to the following formulae, unless the SRs specify otherwise.

43.1.1. For failing to proceed non-stop. Where the 12* failure will decrease in proportion to the number of Sub-Sections negotiated non-stop.

43.1.2. For successfully negotiating the section 0 within the time allowed.

43.1.3. *Plus the highest penalty incurred by any Competitor making an attempt correctly.

43.2. For negotiating the section non-stop in excess of the time allowed the following formula is used:

Time taken x 100 – 100 = Time allowed Penalties

Penalty points		Penalty points	
0.0 – 8.3	1	50.1 – 58.3	7
8.4 – 16.6	2	58.4 – 66.6	8
16.7 – 25.0	3	66.7 – 75.0	9
25.1 – 33.2	4	75.1 – 83.3	10
33.3 – 41.6	5	83.4 – 91.6	11
41.7 – 50.0	6	91.7 – 100.0	12
		100.0 & above	12

43.3. Competitors will start with zero marks. To be classified as a finisher, a Competitor must have attempted at least three quarters of the total number of Observed Sections and arrive at the Finish within 20 minutes of the preceding vehicle.

43.3.1. The Competitor incurring the lowest marks will be the winner, and so on.

43.3.2. Ties will be resolved at the Organisers' discretion, unless the SRs state otherwise.

43.3.3. Each Competitor will be provided with a Results Card which must be produced on demand for Officials to mark at each section, unless the SRs specify an alternative method.

43.4. Penalty marks will be incurred as follows, unless the Marks Lost indicated below are modified by the SRs:

Penalty	Marks Lost
Each minute late reporting at the Start or a re-Start	5
Failure in an Observed Section (where an Observed Section is divided into	12
Sub-Sections the penalty for failure will decrease in proportion to the number of Sub-Sections negotiated non-stop)	
Not attempting or being ready to attempt an Observed Section or Sub-Sections when instructed to do so	12*
Not complying with a reasonable instruction by an Official for which a penalty is not otherwise stipulated, and provided warning of penalty is given	12*

Driver and/or Passenger not seated in accordance with 41.1.4	12
Running with tyre pressures lower than that required by SRs	50

*Plus the lowest total penalty incurred by any Competitor making an attempt correctly.

Tyro Trial (7)

44.1. Tyro Trial Drivers must hold a valid RTA licence (not provisional) for vehicles with more than three wheels and produce a valid Club membership card.

44.1.1. The SRs may Permit entries from Drivers who are 13 or over without a full RTA Licence, provided that their Passenger has experience of Cross Country Trials and holds a full RTA Licence for the vehicle entered.

44.1.2. The vehicle may only be driven between observed sections by a crew member who holds a valid full RTA Licence.

44.1.3. Vehicles not complying with 62 must be fitted with a standard manufacturer's hardtop, truck cab or a roll bar to Section K, Appendix 2, drawing 1, and the SRs may permit entries to be accepted in respect of drivers who are 15 or over without a full RTA licence provided that the passenger holds a full RTA licence valid for the vehicle concerned and is a person who has experience of Cross Country Trials.

44.2.1. More than one Passenger may be carried where the Driver holds a valid full RTA Licence.

44.2.2. Passengers under the age of 16 will not be considered as Competitors for the purpose of licensing or Club membership and will not be required to sign on. They will however be required to produce at signing-on a letter of consent from a parent or guardian which must be retained by the Organisers.

44.2.3. All passengers must be properly seated with their seat back in an upright position and the seat adequately fixed.

44.2.4. All occupants must wear an approved seat belt at all times and all passengers must be seated in forward facing seats. Their seat back must be upright and they must face forwards.

44.2.5. The passenger sitting alongside the Driver during sections must be at least 12 years.

44.2.6. Passengers who occupy the rear seats of the vehicle must not be less than 2 years of age, any child under 12 years of age or 135cm in height must be seated using an approved 'child restraint'.

Junior Trial

45.1. Junior Trials must be organised in accordance with 24 to 35, 27.1, 28.1, 42 to 43.

45.1.1. At all times during a Junior Trials event vehicles may only be driven under the instruction of an Official.

45.1.2. There are three Classes of Trial: Novice, Intermediate and Expert.

45.1.3. Competitors must finish four Novice Junior Trials before being eligible for Intermediate Junior Trials, and four Intermediate Junior Trials before entering Expert Junior Trials.

45.1.4. Proof of finishing a Junior Trial will be by the signing of a Competitor's Competition Licence by the Clerk of the Course.

45.2.1. Sections for the different Classes may either be set out separately or so that a section increases in severity with separate finishing points for the respective Classes.

45.2.2. Fiddle brakes may only be used by Competitors in the Expert Class. If fitted to vehicles entered in Novice or Intermediate Classes they must be rendered inoperative.

Winch Recovery (8)

46.1. The following regulations are additional to and take precedence over 24 to 35.

46.1.1. Details of the course, the manner of recovery, the maximum time for completion and the method of starting will be given at the Start.

46.1.2. Competitors will be allowed to examine the course prior to the start.

46.2.1. *The SRs will specify the number of vehicles and members in a team.

46.2.2. No more than three members will be allowed in each team which must nominate a Captain to be responsible for keeping any score-card issued and represent the team to the Clerk of the Course.

46.3.1. *At the Start and Finish, all team members must be correctly seated in their vehicle and all equipment must be in or on the vehicle.

46.3.2. Each team will be allowed a minimum of two attempts at the course.

46.3.3. The team completing the course with the least penalties as stated in the SRs will be the winner.

46.4.1. The Clerk of the Course may penalise or stop a team if it is considered their mode of recovery is likely to be dangerous to Officials, Competitors, spectators or natural terrain.

46.4.2. The Clerk can also award penalties for touching gates.

46.4.3. Once a winch vehicle and anchor vehicle have been manoeuvred into position, they must remain stationary whilst winching.

46.4.4. Natural anchorage points may be used, but must be protected from damage.

46.4.5. It is strongly recommended that all members of the team wear protective clothing during winching operations, ie overalls, gloves, eye protectors.

46.4.6. It is strongly recommended that competitors, other than the winch operator, should also wear a crash helmet to MSA specification.

46.4.7. All equipment, including cables, ropes, straps or webbing, shackles, blocks, hooks, ground anchors, winches, etc and vehicles must be presented to, and approved by, the Scrutineer prior to an event.

46.4.8. The Organisers may supply certain equipment.

Promotional Events (9)

47.1. Drivers must hold a valid RTA Licence (not provisional) in respect of vehicles having more than three wheels.

(P) Cross Country Events

47.1.1. The SRs may Permit entries from Drivers who are at least 16 without a full RTA Licence, provided the Passenger holds a valid full RTA Licence and has experience in Cross Country Trials.

47.1.2. The vehicle may only be driven between Observed Sections by a crew member who holds a valid full RTA Licence.

47.2.1. All Drivers must produce a valid Club membership card.

47.2.2. More than one Passenger may be carried where the Driver holds a valid full RTA Licence.

47.2.3. Passengers under the age of 18 will not be considered Competitors for the purpose of Licences or Club membership and will not be required to sign on.

47.2.4. Passengers under the age of 18 will however be required to produce at signing-on a letter of consent from a parent or guardian, which must be retained by the Organisers.

47.3.1. All Passengers must be properly seated with the seat back in the upright position and with the seat adequately fixed.

47.3.2. All occupants must wear an approved seat belt at all times.

47.3.3. The passenger sitting along side the driver in sections must be at least 14 years of age.

47.3.4. Passengers who occupy the rear seats of the Vehicle must not be less than 2 years of age, any child under 12 years of age or 135cm in height must be seated using an approved 'child restraint'.

47.3.5. Passengers may not be carried for hire or reward.

Competitors' Regulations: All Timed Events

Cross Country Vehicle Timed Trials (10)

48.1. The following regulations are additional to and taking precedence over paragraphs 24 to 35, 27.1, 28.1 and 41 to 43:

48.2. Penalties will be in accordance with the following:

48.2.1. For each second over the Target Time: 1 mark per second.

48.2.2. For failing to satisfactorily negotiate an Observed Section within the maximum time allowed: 1 mark per second of maximum time allowed.

48.2.3. The SRs may specify additional penalties based on a specified number of marks per second.

48.3.1. Failure of a vehicle to maintain unassisted forward motion in the direction of the course will not be regarded as failure to comply with the requirements to proceed non-stop.

48.3.2. Further attempts to regain forward motion will be Permitted until the maximum time allowed for the section has elapsed.

Competitive Safaris (11)

49.1. These regulations are additional to and take precedence over paragraphs 24 to 35, 27.1, 28.1 and 41 to 43.

49.1.1. *The SRs may Permit two separate Drivers to drive one vehicle under one entry. In such cases their total combined penalties will be added together as if they were one Competitor.

49.1.2. Vehicles may carry one passenger in addition to the Driver, who must be seated in accordance with the provisions of 41.1.5.

49.2. It is recommended that crew are identified by suitable means, eg a rubber stamp or a plastic wrist identity tag, which must be issued at signing-on.

49.2.1. This must not be re-usable and must not cause discomfort.

49.2.2. For safety reasons it must be worn under clothing.

49.2.3. Each Competitor must be allowed to choose to which limb the identity mark is applied.

49.2.4. Competitors will be required to show the identity marking to Officials in the assembly area prior to the Start line.

49.3. (J.4) Competition numbers must be displayed on both sides of each vehicle, either on the front doors or behind them above the vehicle waistline and parallel to the vehicle sides.

49.3.1. Where the SRs require numbers to be displayed at the front or rear of a vehicle, they must be a minimum 100mm in height.

49.4.1. Competitors will be advised of the minimum and maximum time allowed for the course, before the Start.

49.4.2. The course should have a clearly marked route so that no navigation is required, and all course markings should comply with the provisions of 11.9 to 11.14.

49.4.3. Practising will not be allowed over the course, unless the SRs state otherwise. If Permitted, the SRs must specify the number of practice runs and the times of any practice periods (11.8.3).

49.5. The SRs must also specify:

49.5.1. *The number of competitive runs.

49.5.2. *The time interval between vehicles leaving the Start line, and whether the Organisers may hold Competitors en route in the event of the course becoming blocked. In such instances allowance will be made for the time Competitors are delayed.

49.5.3. *The method by which Competitors are signalled to stop and whether re-runs will be Permitted.

49.5.4. *The starting signal and method of timing to be used.

49.6. *Competitors will be required to proceed over the course in the shortest possible time.

49.6.1. The SRs will specify whether Live Recovery will be operated by Specialist Recovery Vehicles (SRVs) at the event.

49.6.2. These should be positioned at points where Competitors are likely to make involuntary stops.

49.6.3. The SRs will specify the maximum time allowed to Competitors for self recovery, after which they must take Official recovery.

49.6.4. No recovery operations organised by the Competitor in advance may be used.

49.6.5. At events where Live Recovery is operated, the Clerk of the Course must advise Competitors of the procedures at the Drivers Briefing.

49.6.6. The Clerk of the Course must specify whether the SRVs will be manned by a third crew member responsible for attaching the tow rope, or whether this will be carried out by the passenger or navigator. In the former case, Competitors must remain in the vehicle and follow the instructions from the SRV crew. In the latter case, the passenger or navigator must alight from the stranded vehicle and follow the following procedure:

- a) They must stand clear and await instruction from the first crew SRV member before attaching the tow rope between the vehicles
- b) When properly attached to the towing points, they must stand clear and indicate to the first SRV crew member that Live Recovery may start
- c) Once the stranded vehicle has been recovered, and only after the first SRV crew member has indicated that it is safe to do, they can detach the tow rope and stow it safely. They should then inform the first SRV crew member that the course or stage can be cleared
- d) The Driver of the recovered vehicle must not proceed until the Passenger or Navigator involved is properly seated and belted in. Failure to comply will be penalised by exclusion.

49.6.7. When arriving at a point on the course or stage where a Yellow Flag is being displayed, the Competitor must not pass the Yellow Flag unless instructed to do so by a Marshal and will proceed with caution until clear of the incident, obstruction or stranded vehicle.

49.6.8. Failure to comply will be penalised by exclusion.

49.6.9. Time lost whilst Live Recovery of another Competitor is in progress will be regarded as force majeure (27.4.2).

49.7. Unless the SRs specify otherwise penalties will be awarded as follows:

49.7.1. For each second to complete the course over minimum time allowed: 1 mark per second.

49.7.2. For exceeding the maximum time allowed: exclusion.

49.7.3. For taking Official recovery: 100 marks.

49.8. Competitors must carry an A4-size white board with a red SOS on one side and black OK on the other (letters to be a minimum of 12cm high with a minimum stroke width of 1.5cm), with means to secure them on display for oncoming Competitors.

49.8.1. In the case of an accident where urgent medical attention is required, the red SOS sign should be displayed as quickly as possible to alert following cars and aid any helicopter attempting to assist.

49.8.2. Any crew that sees a red SOS sign displayed on a car, or sees a major accident where both crew members are inside the car but not displaying the SOS sign, must immediately and without exception stop to give assistance.

49.8.3. All following cars must also stop and the second car arriving at the scene must inform the next radio point.

49.8.4. Subsequent cars must leave a clear route for emergency vehicles.

49.8.5. The Clerk of the Course may award a discretionary time to any Competitor delayed in such circumstances.

49.8.6. Any crew which is able to but fails to comply with the rule will be reported to the Clerk of the Course who may impose penalties.

49.8.7. In the case of an accident where medical intervention is not required, the OK sign must be clearly shown to following vehicles, and to any helicopter attempting to assist.

49.8.8. If the crew leave the vehicle, the OK sign must be left clearly visible to other Competitors.

49.8.9. Any crew failing to comply will be subject to a penalty at the Clerk of the Course's discretion.

49.8.10. Competitors who misuse the SOS or OK signs will be penalised and may be reported to the MSA for further action.

49.9. Any crew retiring from an event must report to the Organisers as soon as possible, except in cases of force majeure.

Hill Rallies [82-124]

50.1. The following regulations are additional to and take precedence over paragraphs 14 to 19 and 24 to 49:

50.1.1. Trials-type sections or tests may be incorporated in special stages and should be marked in accordance with the standard procedures for CCV Trials or Autotests.

50.1.2. Competitors must be advised of the average speed which will be applied on special stages. At no time will Competitors be required to average in excess of 50mph.

50.1.3. Each car must carry at least one Passenger (Navigator/Co-Driver) as well as the Driver.

50.1.4. Servicing issues are covered in 50.6 to 50.9.

50.1.5. No assistance may be expected from the Organisers even though they may give advice as to the source of supplies. Competitors are responsible for their own fuel, oil, water etc.

50.1.6. No vehicle may be moved other than by its own power except:

- a) By a ferry
- b) By outside means for a minimum distance necessary to extricate it from difficulty
- c) By gravity
- d) By its crew.

50.2. During the course of an event Competitors are not permitted to use, or be directly or indirectly concerned in the use of, helicopters or fixed wing aircraft in the vicinity of the event (whether in connection with servicing, aerial surveillance or for any other reason) without previous MSA authorisation in writing, and in compliance with CAA regulations (E.2.2.6)

50.2.1. Before considering any such authorisation, the MSA must be satisfied that the liabilities of all those involved in the event have been covered.

50.2.2. Any such application must be made at least 14 days prior to an event.

50.2.3. In accordance with CAA regulations, no aircraft is allowed within 500ft of the route, or within 3,000ft of any large crowd.

(P) Cross Country Events

Competitors

50.3.1. Competitors and their service personnel may only use radio transceiver equipment (and frequencies) that are licensed in accordance with Ofcom Regulations.

50.3.2. Competitors must not use or carry any radio Transmitting device which operates on, or interferes with, the MSA's Licensed Frequencies.

50.3.3. Contravention of these regulations will be penalised in accordance with 30.1.2(v) or 30.1.1(t).

50.4.1. All Drivers' and Co-Drivers' crash helmets and overalls must be produced for approval during scrutiny of a vehicle.

50.4.2. All crew members must wear a crash helmet bearing an MSA approval sticker (see K.10) and a safety belt throughout any Special Stage.

50.4.3. Crew members must not smoke during any stage or test.

50.4.4. Drivers must conform to the Medical Requirements specified in H.10.

50.4.5. No person under 16 years of age may be carried during a rally with Special Stages.

50.4.6. Competitors must comply with any instructions in the Road Book concerning stopping at road junctions. Failure to do so will incur penalties as in 30.1.2(o) or 30.1.1(m).

50.5.1. Competition numbers must be displayed on both sides of the vehicle, behind the front doors and above the vehicle waistline, and parallel to vehicle sides.

50.5.2. Rally plates at the front and rear will display Competition numbers with a minimum 100mm height.

50.5.3. On Multi-Use Hill Rallies these will be at the Organiser's option.

50.6. *Organised assistance (service) may be allowed on Hill Rallies if provided for in the SRs, and providing the Organisers have made available suitable service areas and a specific time allowance for servicing.

50.6.1. *Organised assistance anywhere other than in permitted areas is forbidden.

50.6.2. Service vehicles may be required by the SRs or the Official Instructions to follow a prescribed route to and from service areas. In such cases all other areas are Out of Bounds for service vehicles and their crews.

50.6.3. In any area where service is not allowed, the presence of a service vehicle (or any vehicle from which equipment or parts are obtained) or the collection of equipment previously deposited, will be considered as servicing.

50.6.4. These regulations do not prohibit Organisers advising Competitors of any garages en route where facilities are available.

50.7. The above regulations do not prevent Competitors from personally making their own vehicles safe to drive. Crews may work unassisted on their own cars, using equipment carried in their car, in 'No Service Areas' except:

50.7.1. Within 100m of any Control.

50.7.2. Between a Special Stage Arrival Control and the Special Stage Start Control.

50.7.3. In any Parc Fermé.

50.8. The only work Permitted in these areas (and it must be unassisted) is:

50.8.1. Replacing a flat tyre with a wheel and tyre carried in the competing car.

50.8.2. Cleaning lamp glasses, windscreens, windows, identification markings and vehicle registration numbers.

50.9.1. Except in the areas listed above, Competitors may work on their cars with the assistance from other Competitors, from any nationally recognised breakdown service, and from any commercial garage not associated with the Entrant and not organised in advance.

50.9.2. Breakdown service and commercial garage vehicles will not be allowed to enter Official service areas.

50.9.3. Competitors are responsible for ensuring that their service crews understand and comply with these regulations, and if Official Service Plates are issued, that the service vehicles at all times bear the Official Service Plate.

50.9.4. A Competitor may be fined or otherwise penalised by the Clerk of the Course if the crew of any service vehicle associated with their entry contravenes any regulation or Official instruction, or acts in a manner contrary to the interests of the event.

50.9.5. Competitors may be fined, but not otherwise penalised, for any breach of Road Traffic Laws by their service crews.

50.9.6. Competitors are strongly recommended to carry a First Aid Kit.

Special Stages

51.1. During any special stage or test the prescribed route must be followed, and any direction signs displayed are mandatory.

51.1.1. Competitors overshooting the stop line at the end of any stage or test are not allowed to reverse back to the Control.

51.1.2. Competitors are also not allowed to cross any part of a Special Stage in the opposite direction to rally traffic.

51.1.3. Competitors must not voluntarily leave the prescribed route without the express permission of the Stage Commander.

51.2.1. Any Competitor who is shown a Red Flag on a stage where they have been notified in advance of a Red Flag system must cease competition immediately and come to a standstill at the side of the course as soon as possible.

51.2.2. They must not proceed until advised to do so by an Official (14).

51.2.3. Competitors may only attempt a Special Stage once. Re-runs are not permitted (14).

***51.3.** Following instruction from a Stage Start Marshal that they are next to start on a Special Stage, Competitors abide by the following procedure:

51.3.1. The Marshal should give a loud verbal indication 30 seconds, 15 seconds, 10 seconds and 5 seconds before the actual start, and then countdown verbally each second 5-4-3-2-1-GO.

51.3.2. Upon the signal GO, a visual starting signal must be given which will normally be the raising of a flag from the bonnet (not the windscreen).

51.3.3. Any other visual signal to be used must be described in the SRs.

51.3.4. Making a false start will be penalised in accordance with 30.1.2(h) or 30.1.1(h).

51.3.5. Stages where Competitors are required to start at intervals of less than one minute may dispense with the 30 seconds advance warning. This revised procedure must be advised in the SRs.

51.4. Unless the SRs state otherwise, the use or possession of pace notes or any other means of giving a Competitor advice relating to the traversing of a Special Stage which has not been provided by the Organisers is forbidden (27).

51.4.1. This does not preclude the use of Ordnance Survey maps of 1:25,000 or 1:50,000 scale in addition to others that are specified in the SRs.

51.4.2. The only supplementary information which may be shown on the maps is information given by the Organisers of the event (including route details).

51.4.3. Contravention will be penalised as in 51.5.

51.5. Any Competition Licence holder who Permits the unauthorised presence at any time of any vehicle on a known Special Stage or Forestry Commission Land, will be excluded from any event involved and will be referred to an MSC Disciplinary Tribunal.

Team Recovery (21)

52.1. The following regulations are additional to and take precedence over 24 to 35, 27.1, 28.1 and 41 to 43.

52.1.1. *The SRs will specify the number of vehicles comprising a team.

52.1.2. Teams will start in numerical order, and the Organisers will determine the order of running at each Observed Section.

52.1.3. Details of Observed Sections must be given at the Start and unless the SRs specify otherwise, teams will have the opportunity of inspecting the course before attempting each Observed Section.

52.2.1. Team Members may start in any order.

52.2.2. Each team will nominate a captain, who will be responsible for carrying the Official score card for the team, and who will produce it on demand to Officials.

52.2.3. Team vehicles must not be harnessed together before the start.

52.2.4. The onus of following the correct route will rest with the Team Captain.

52.3.1. No Passengers can be carried in any team vehicle when it leaves the Start.

52.3.2. This does not preclude other members of the team from being carried through Observed Sections, provided that they are properly seated and are only carried for as far as is necessary, and that the vehicle is stationary when they mount or dismount.

52.3.3. Seat belts need not be worn.

52.3.4. Any team vehicle that cannot maintain unassisted forward motion in the direction of the

course must be recovered by other members of the team by pushing, towing or winching.

52.4.1. *All equipment to be used by team vehicles as means of self-recovery, including harness ropes and shackles, must be presented to, and cleared by, the Scrutineer prior to the Start.

52.4.2. This equipment must be carried on team vehicles throughout the Competition.

52.5.1. Before attempting any Observed Section, team vehicles will be brought to rest behind the Start line by Officials and will not proceed until instructed to do so.

52.5.2. *The starting signal will be stated in the SRs.

52.5.3. A team will be considered to have left an Observed Section when all team vehicles have crossed the finishing line.

52.5.4. Where a Competition involves self recovery, failure of all team vehicles to proceed, whether involuntary or otherwise, from the Start line into an Observed Section when instructed to do so will be regarded as a failure in that section.

52.6.1. Any team which fails to complete a section in the stated time will have three minutes added for each vehicle that has not successfully completed the section.

52.6.2. Unless the SRs state otherwise, a penalty of one minute will be added to the team time for each penalty marker touched.

52.6.3. The Official Instructions will state the maximum time allowed for each team to complete each Observed Section.

52.6.4. Results will be determined with reference to the time taken, including penalties, for the team to complete each Observed Section.

52.6.5. Further penalties may be applied if the SRs allow.

Point to Point (22)

53.1. The following regulations are additional to and take precedence over 24 to 35, and 41.

53.1.1. *The SRs will specify whether the event will comprise a set number of points to be visited in the shortest time, or a set amount of time during which the maximum number of points are to be visited. In either case all the team must cross a Finish line.

53.2. *Competitors will be expected to seek and visit points which may be hidden by the natural topography.

The SRs will specify:

53.2.1. If the points are to be visited at random or in a set order.

53.2.2. *If a point comprises a single marker pole with minimum height of 1m, or a gate of poles through which the direction of entry will be marked. Each point visited shall be recorded either by collecting a token or by an Official marking a score card. Tokens and score cards used will be provided by the Organisers.

53.2.3. *The starting signal to be used.

53.2.4. *The method of timing to be used (in accordance with 69).

53.2.5. *The maximum time allowed.

53.2.6. *The number of vehicles in a team.

(P) Cross Country Events

53.3. Each team must nominate a Captain who will be responsible for carrying the Official score card or tokens for the team and who will produce them to Officials on demand.

53.3.1. In addition to the Driver, vehicles may carry one Passenger or Navigator who must be seated in accordance with the provisions of 199.

53.3.2. Competitors may be required to dismount at each point visited to record their visit and must fasten safety belts prior to the vehicle moving off again.

53.3.3. No recovery assistance outside that given by a team member is allowed.

53.3.4. Practising is not Permitted.

Cross Country Orienteering (20)

54.1. The following regulations are additional to and take precedence over paragraphs 24 to 35, 27.1, 28.1 and 41 to 43:

54.1.1. Competitors are expected to drive and navigate to specific objectives.

54.1.2. SRs will specify equipment required to meet navigational and route restrictions.

54.1.3. Competitors will be issued with instructions before their due start time.

54.2. No time schedule will be maintained during the event, but the maximum time allowed will be stated in the SRs.

54.3. The method of scroing must be specified in the SRs.

54.4. Objectives must be attempted without the use of winches or other means of assistance.

Challenge Events (23)

55.1. Each vehicle must carry a driver and either a co-driver or navigator.

55.1.1. Drivers and co-drivers must hold a valid RTA licence appropriate to the vehicle and either may drive the vehicle during the event. Navigators do not need to hold a valid RTA licence and may not drive during the competition.

55.1.2. Crew members must be accommodated in securely fixed seats and wearing approved seatbelts or harnesses while the vehicle is moving.

55.1.3. There is no compulsion to attempt to reach any point which has been set out.

55.1.4. There is no compulsion to attempt any Special Task. The SRs will specify any penalties which may be applied during the competition, including a maximum speed limit for competing vehicles.

55.1.5. The winner will be the vehicle or team which has attained the highest points score at the end of the competition.

55.1.6. Vehicles must comply with the Challenge Events Technical Regulations.

55.1.7. Winches may be required primarily for the purpose of self recovery.

55.1.8. All equipment to be used by team vehicles as means of self recovery, including ropes, strops and shackles, must be presented to, and passed by, the Scrutineer prior to the start.

55.1.9. The use of winch sails (minimum 1kg dry weight) and gloves is compulsory when winching.

55.1.10. When using winch cable or rope suitable gloves should be worn. Rubber and woollen gloves are not suitable.

Technical Regulations

Chassis

56.1. The vehicle must have a minimum wheelbase of 127cm (50in).

Body (including Aerodynamics)

56.2. Unless rear-engined, vehicles must have a bonnet or metal casing of solid flame retardant material covering or surrounding the engine, which is secured by fasteners of adequate strength and with a positive locking action.

56.2.1. Windscreens must be erected unless the event takes place wholly on private property or the SRs state otherwise.

56.2.2. Tailgates may be removed.

56.2.3. Be equipped with mudguards for all wheels which present no sharp edges and cover the complete wheel (flange+rim+tyre) around an arc of 120 degrees. This minimum coverage must:

- a) be achieved with a continuous surface of rigid material within which ventilation louvres may be fitted. The tyre must not be visible when viewed from above
- b) extend forward ahead of the axle line
- c) extend downward behind the wheel.

Seating

56.3. Vehicles must be equipped with two fixed seats for the Driver and Passenger, unless the SRs state otherwise.

56.3.1. The rearmost part of these seats must not be behind the rear wheel axis.

56.3.2. In the case of non production cars, the rearmost part of any additional seat must not be more than 38cm behind the rear wheel axis.

Engine

56.4. Engines must comply with J.5.4.

Suspension

56.5. Vehicles must be fitted with sprung suspension between wheels and chassis, unless originally manufactured otherwise.

56.5.1. Where the top mounting of the shock absorber, whether or not it is fitted with a coil spring, is mounted directly to a main member of the roll-cage, a brace must be fitted between the mounting point and the chassis or those members of the vehicle frame acting as the chassis.

56.5.2. It is prohibited to mount the shock absorber by drilling and/or welding a stud or bolt directly to the roll cage.

56.5.3. All mountings must be made with reinforcements in material at least the same thickness as the roll cage wall thickness.

56.5.4. The recommended mounting is shown in Appendix 1, drawing number 56.5.

Wheels

56.6. Vehicles may not be fitted with duplicated driving wheels unless Permitted by the SRs. For Trials and Challenge Events the SRs may permit the use of TUV Approved hub adapters/wheel spacers up to a maximum of 30mm in depth.

Tyres

56.7. Tyres must be compatible with the wheels and be acceptable to the Organiser, unless a particular type and size of tyre is specified in the SRs.

56.7.1. Vehicles should carry a securely fastened spare wheel and tyre capable of replacing any one of the wheels in use on the vehicle, unless stated otherwise in the SRs.

56.7.2. Vehicles can have more than four wheels and tyres, but they must be compatible.

56.7.3. All tyres must have at least the minimum legal tread depth on all tyres.

56.7.4. Competitive Safaris, and Hill Rallies must specify tyre eligibility from Tyre List 5 in the SRs.

Transmission

56.8. Vehicles must be equipped with an operable reverse gear and a non-torque biasing differential in full and free operation between the driving wheels, unless:

56.8.1. A differential was not fitted by the manufacturer.

56.8.2. The SRs specify otherwise.

56.9. Vehicles may use all wheel drive (unless the SRs specify otherwise) and may have traction afforded by wheels, track, marine propellers or any combination of these.

Electrical Systems

56.10. Vehicles must not be equipped with more than two auxiliary lights, which must be located in accordance with legal requirements, except where the event takes place wholly on private property.

Silencing

56.11. Vehicles must comply with the silencing levels in J.5.17 but the following parts of J remain unmodified by this section: Brakes, Steering, Cooling, Oil Systems, Fuel Systems, Weight/Ballast, Exhausts.

Safety

Competitive Safari, Point to Point and Hill Rally

56.12. There are three classifications of vehicle design which, whilst requiring the same principles of roll-cage design, may employ different mounting methods.

56.13. Monocoque vehicles: These are of unitary construction employing an integral chassis structure.

56.13.1. They must mount their roll-cages in accordance with K.1.3.2, may fit a diagonal as K Appendix 2, drawings 50 and 51 and must fit longitudinal door bars complying with K.1.3.5(b) (side sections K Appendix 2 Drawing number 9).

56.13.2. A centre roof bar must be installed either diagonally or, evenly spaced in line with the exterior longitudinal bars, as shown in K Appendix 2, drawing 53. If more than one centre bar is fitted, the bars must be evenly spaced. Double crossed roof bars, to the minimum specification for optional members, are strongly recommended, as shown in K Appendix 2, drawing 10.

56.13.3. It is recommended that a horizontal bar be incorporated in the front hoop, located approximately in line with the base of the windscreen, which may be bolted or welded to the front hoop members and shall comply with the specifications for an optional member (57.1.).

56.14. Vehicles with chassis: These employ a separate chassis structure from the body or superstructure.

56.14.1. They must mount their roll-cage directly to the chassis in accordance with K Appendix 2, drawing 33, following the principles of K.1.3.2.

56.14.2. Exceptionally where the body contains a superstructure of internal steel pressings including the floor and the roll-cage is MSA/FIA certified it is permitted to install the roll-cage in accordance with 56.13.

56.14.3. Where it is necessary to weld additional chassis outriggers on which to mount the roll-cage, these must be of at least 75x50mm box section steel, and not less than 3mm thick.

56.14.4. Alternatively the main hoop may be constructed as in K Appendix 2, drawing 38, allowing mounting to the main chassis rails, or as in K Appendix 2, drawings 50 and 51 where a beam is welded across the chassis rails. This beam must comply with 55.14.3.

56.14.5. Where the roll-cage passes through the superstructure's floor panels, two alternative methods may be employed:

- a) Either oversize holes allowing uninterrupted passage of the tubes to the chassis placed so as to allow for the movement of the superstructure where this is rubber mounted to the chassis, or
- b) Or spreader plates complying with K.1.2.2 may be used to sandwich the floor where the cage structure is continued through the floor pan to the chassis and mounted as in K Appendix 2, drawing 33.

56.14.6. The backstays in short wheelbase vehicles may have to be mounted aft of the rear suspension mountings to the chassis in order to comply with K.1.3.2.

56.14.7. K Appendix 2, drawings 52, 53, and 57 show the installation for an external front cage to an internally mounted rear roll bar and backstays showing the method for attachment through the vehicle's roof skin. This installation may only be used where the body is rigidly mounted to the chassis.

(P) Cross Country Events

56.14.8. The backstays were mounted directly to the chassis must be angled to the main roll hoop as shown in K Appendix 2, drawing 57. Existing vehicles configured with the backstays mounted in line with the main chassis members as shown in K Appendix 2, drawing 57 are permitted.

56.14.9. The longitudinal bars connecting the front to rear roll bars should be straight, or where a manufacturer's truck cab or hard top is fitted the bars may follow the contours of the roof.

56.14.10. A centre bar must be installed either diagonally or, if evenly spaced in line with the exterior longitudinal bars, as shown in K Appendix 2, drawing 53. If more than one centre bar is fitted, the bars must be evenly spaced. Double crossed roof bars, to the minimum specification for optional members, are strongly recommended, as shown in K Appendix 2, drawing 10.

56.14.11. Where the roll-cage is mounted directly to the chassis, the front hoop may be mounted as shown in K Appendix 2, drawing 54.

56.14.12. Alternatively the front hoop may be mounted directly to a fabricated chassis extension, as shown in K Appendix 2, drawing 55. The chassis extension must be constructed as shown in K Appendix 2, drawing 56.

56.14.13. External front hoops must be fitted with a horizontal bar, approximately in line with the base of the windscreen, of the same material and dimensions as specified for the main members of the ROPS, and which may be bolted or welded to the front hoop. Recommended for vehicles with an internal front hoop where installation is practical.

56.14.14. Must be fitted with sill bars of the same material and specification as the main ROPS, or box section steel, being a minimum of 40mm x 40mm x 3mm or 50mm x 25mm x 3mm. These may be welded or bolted to the main longitudinal chassis members.

56.15. Spaceframe vehicles: These are constructed entirely from a framework including an integral roll-cage made of tubes and/or box sections. For Safari Plus and all Hill Rallies, those elements comprising the primary chassis components must be of at least the same material and dimensions as the primary ROPS members, or equivalent box section steel.

56.15.1. All these vehicles must comply with Safety Criteria K.1.6.1 and K Appendix 2, drawings 6(a) or 36 and have roll-cages incorporated into the frame of the vehicle.

56.15.2. The roll-cage must be welded and integral to the design.

56.15.3. Where there may be difficulty with rear-engined vehicles in respect of fitting a diagonal brace, braces to K Appendix 2, drawings 34 or 35 may be used.

56.15.4. A centre roof bar being of the same material and dimensions as the main ROPS members must be installed either diagonally or, evenly spaced in line with the exterior longitudinal bars, as shown in K Appendix 2, drawing 53. If more than one centre bar is fitted, the bars must be evenly spaced. Double crossed roof bars are strongly recommended, to the minimum specification for optional members, as shown in K Appendix 2, drawing 10.

56.15.5. It is recommended that a horizontal bar be incorporated in the front hoop, located approximately in line with the base of the windscreen, being of the same material and dimensions as the main ROPS members and which may be bolted or welded to the front hoop members. For Safari Plus and all Hill Rallies this horizontal bar is mandatory.

56.15.6. A sill bar or single longitudinal door bar as shown in K Appendix 2, drawing 9., of the same material and dimensions must be fitted.

All Vehicle Types

57.1. Materials and dimensions must comply with K.1.4.1 or be to EN10255 (BS1387) medium weight, blue band: i.e. 42.30 x 3.2mm for vehicles up to 1000kg and 48.00 x 3.2mm for vehicles exceeding 1000kg.

Optional tubular members may be added to K.1.4.1. or EN10255 (BS1387) medium weight. 30.00mm x 3.2mm. Materials may not be mixed.

57.1.1. All diameters are outside diameters.

57.1.2. All weights are deemed to be un-laden.

57.1.3. New vehicles which do not comply with the above must be approved in accordance with K.1.5.

57.2.1. All vehicles must comply with K.2.1.2, K.3.1.2 (not plumbed in), K.5, K.6, K.8.

57.3.1. If a windscreen is fitted it must be of either laminated glass or plastic of a minimum thickness of 4mm.

57.3.2. If a plastic windscreen is perforated for viewing purposes, approved goggles or visors must be worn.

57.4.1. Two red warning lights must be fitted, to the specification but not location of K.5.

57.4.2. They must be rearward facing and mounted as high as is practicable within the bodywork confines.

57.4.3. These must be switched on in poor visibility or as instructed by the Clerk of the Course.

57.5.1. A passenger grab rail/handle or strap must be fitted in front of the passenger and must be constructed and installed so as not to compromise the safety of the crew.

57.5.2. The fitting of mud flaps, of a flexible material not less than 5mm thick, behind each road wheel extending to a minimum of 4cm each side of the tyre tread, and a maximum of 10cm above the ground when the vehicle is stationary, is mandatory.

57.5.3. All vehicles must carry a small spill kit complying with J5.20.13.

57.6. Point to Point

Additional to 56-57

57.6.1. The requirement to comply with 57.5.2 may be relaxed by SRs.

57.6.2. SRs may permit vehicles complying with 56.6 and 58.4.

Team Recovery and Timed Trial

58.1. All open or soft top vehicles must comply with Safety Criteria K Appendix 2, drawing 1, or with rear stays to K.1.6.1, K Appendix 2, drawings 53, 50 or 38.

58.1.1. All vehicles with manufacturer's hard top or truck cab are recommended to adopt Safety Criteria K.1.6.1, K Appendix 2, drawing 1.

58.1.2. All vehicles must comply with K.3.1.2 (not plumbed in) and K.6.

58.1.3. Criteria K.2.1.1 and K.8 are recommended.

58.1.4. If a windscreen is fitted it must be of either laminated glass or plastic of a minimum thickness of 4mm.

58.1.5. If a plastic windscreen is perforated for viewing purposes, goggles or visors must be worn.

58.1.6. Wire mesh is recommended to the front and rear of the cab, windscreen and rear window.

Challenge Events

58.2. All open or soft top vehicles must comply with Safety Criteria K Appendix 2, drawing 1, or with rear stays to K.1.6.1, K Appendix 2, drawings 53, 50 or 38.

58.2.1. All vehicles with manufacturer's hard top or truck cab are recommended to adopt Safety Criteria K.1.6.1, K Appendix 2, drawing 1.

58.2.2. All vehicles must comply with K.3.1.2 (not plumbed in) and K.6.

58.2.3. All vehicles must comply with K.2.1.1.

58.2.4. If a windscreen is fitted it must be of either laminated glass or plastic of a minimum thickness of 4mm.

58.2.5. If a plastic windscreen is perforated for viewing purposes, goggles or visors must be worn.

58.2.6. Where a windscreen and/or rear window is not fitted to 58.2.4, a full width wire mesh is mandatory of a 2in maximum square aperture and a minimum 10g weld-mesh and must be securely fitted.

58.2.7. All vehicles must carry a small spill kit complying with J5.20.13.

58.3. Road Legal Challenge Vehicle

Road Legal Challenge Vehicles must fully comply with C&U Regulations in all respects. SRs may not relax this requirement.

58.3.1. Vehicles must comply with 56.2.3.

58.3.2. Vehicles must not be fitted with "Tree Wires" nor carry equipment on the front bumper nor front bodywork.

58.3.3. Any vehicle not complying with the above shall be deemed a Challenge Special.

58.4. Challenge Special

58.4.1. All vehicles must be fitted with a circuit breaker which isolates the battery from all electrical circuits, which simultaneously stops the engine and which is operable by the driver whilst correctly seated. K.8 recommended.

58.4.2. Rear and four wheel steering is permitted, unless prohibited by SRs.

58.4.3. Steering provided by hydraulic or other method of operation (i.e. not by a direct mechanical link) is permitted. Hydraulic systems may not exceed an operating pressure of 150bar.

58.4.4. Independently operated front and/or rear brakes are permitted.

58.5. Challenge Winching and Recovery Equipment: All Vehicles

The following equipment safety ratings are minima based upon a single line load. Multiple line rigging and

the actual mass of the vehicle may require equipment with a higher safety rating. The following minimum equipment must be carried:

58.5.1. A polyester towing rope, or a tow strap rated to 2 tonnes minimum SWL.

58.5.2. Two shackles, stamped with a minimum SWL of 3.25 tonnes and be CE marked.

58.5.3. Two tree protecting strops, labelled with a minimum SWL of 2 tonnes and be CE marked.

58.5.4. Winch cable/rope must be rated in excess of the maximum rating of the winch.

58.5.5. Any loop at the end of a steel cable must be swaged. Any loop at the end of a synthetic rope must be spliced.

Trials and Orienteering

59.1. The following are recommended;

59.1.1. K Appendix 2, drawing 1.

59.1.2. K.2.1.1.

59.1.3. K.3.1.1.

59.1.4. For Orienteering Events all vehicles must carry a small spill kit complying with J5.20.13.

Miscellaneous

60.1. The following parts of J remain unmodified by this section: Brakes, Steering, Cooling, Oil Systems, Fuel Systems, Weight/Ballast, Exhausts.

60.1.1. Vehicles must be currently registered and must display a current VED disc.

60.1.2. With the exception of Promotional Events the SRs may relax the requirement to display a valid VED disc if the event takes place wholly on private property.

60.1.3. The SRs may waive the requirement to comply with J.5.20.6.

60.2.1. Vehicles must also comply with all Statutory Regulations as to Construction and Use, particularly with regard to brakes, lighting, tyres, warning devices, rear view mirrors, silencers, speedometers, wings and windscreen, unless the SRs specify otherwise.

60.2.2. Vehicles must be fitted with a substantial towing point front and rear, painted in a contrasting colour, unless the SRs state otherwise.

60.3.1. Vehicles may be modified from manufacturer's original specifications, providing that the modifications meet vehicle regulations.

60.3.2. Independently operated rear brakes are Permitted.

60.4.1. The use of nylon ropes for recovery purposes is recommended.

60.4.2. Non-stretch ropes are acceptable.

60.4.3. Cables or chains are not recommended.

Competitive Safaris

61. Classes in Competitive Safaris are free, but must be stated in the SRs.

(P) Cross Country Events

Tyros Trials

62.1. Tyro Trials allow all standard production 4x4 vehicles with petrol or diesel engines (including military variants of civilian models) mass-produced by a motor manufacturer and generally available for normal retail sale, or available via a network of dealers, whether designed principally for the transportation of passengers, commercial use or dual purpose.

62.1.1. Saloon cars and cars derived commercial vehicles are prohibited.

62.1.2. All vehicles must display a current VED disc, (trade plates are not acceptable).

62.1.3. Where appropriate the vehicle must have a valid MOT Certificate where appropriate.

62.1.4. Front seats may be replaced but rear seats, and the original number of seats when the vehicle was manufactured, must be retained.

62.1.5. Bumpers must be retained in their original position.

62.1.6. Safety improvements may be added to the vehicle.

Junior Trials Vehicles

Chassis and Body

63.1. The chassis and bodywork in Junior Trials vehicles must be standard, except where modified to comply with these Regulations, and must be that from a proprietary machine.

63.1.1. J.5.3 does not apply in respect of the seat cushion being below the adjacent body.

63.1.2. 56.1 does not apply.

Engine

63.2. Vehicles must be fitted with a four-stroke petrol or diesel vertical crankshaft engine of the industrial and commercial restricted type, designed for use on a Ride on Mower or Lawn/Garden Tractor.

63.2.1. The engine must be fitted in its original location and retain its governor or restrictor, which may not be modified or removed.

63.2.2. The engine must be fitted with an air filter, the type and location of which is free.

63.2.3. The engine must be fitted with an effective silencer.

63.2.4. The silencer and exhaust manifold are free as to type and location, but must be fitted with shields where located outside of the bodywork or chassis.

Transmission

63.3. A manual, constant mesh transmission must be fitted, of the type originally fitted to the vehicle.

63.3.1. Transmissions of an alternative make or model may be fitted.

63.3.2. The Driver must be protected from all drive belts/chains.

63.3.3. Vehicles must not be fitted with a locked, locking or torque-biasing differential.

Wheels and Tyres

63.4. Wheels and tyres are free.

Brakes

63.5. Vehicles must have brake systems operating on both rear wheels simultaneously by a single foot pedal which may activate the brakes either mechanically or hydraulically.

63.5.1. The brakes must be capable of locking the wheels when applied at maximum speed.

63.5.2. A mechanical handbrake must be fitted which operates directly on both rear wheels and is capable of holding the vehicle on a 45° longitudinal gradient.

Steering

63.6. The steering system must retain its original location and operation, and must be un-assisted.

63.6.1. Steering system components are free and may be Strengthened.

63.6.2. A steering damper may be fitted.

Front Axle

63.7. The location and mounting of the front axle must be standard to the vehicle and no alteration may be made to the chassis or bodywork to increase articulation.

63.7.1. The front axle may be modified or replaced.

63.7.2. Movement of the front axle may be controlled by the addition of springs and/or dampers, or friction materials between the axle and the chassis.

Safety

63.8. A roll-cage (see K Appendix 2, drawing 58) must be fitted comprising a front and rear hoop which extend the full width of the bodywork and which maintain the minimum clearance above the Competitor's helmet when properly seated (K Appendix 2, drawing 31).

63.8.1. Sidebars must be fitted which prevent the Driver's feet from involuntarily leaving the confines of the vehicle.

63.8.2. A rear brace must be fitted to the rear hoop to guide and locate the shoulder straps of the seat belt.

63.8.3. The roll-cage, comprising the front and rear hoops, lateral bars, side bars and rear brace, must comply with K.1.4 or be to BS1387 medium weight, blue band (ie a minimum 42.30x3.2mm external diameter and wall thickness).

63.9. The roll-cage must be:

63.9.1. Bolted to the chassis with 3mm thick spreader plates and a minimum of two 10mm high tensile bolts at 25mm between centres per mounting (K Appendix 2, drawing 13), or

63.9.2. Bolted to outriggers of 3mm wall thickness bolted/welded to the chassis, using 3mm thick saddles and two 10mm high tensile bolts at 25mm between centres per mounting K Appendix 2, drawing 59), or

63.9.3. Welded to outriggers of 3mm wall thickness bolted/welded to the chassis as K Appendix 2, drawing 51.

63.10. Suitable head protection is strongly recommended.

63.10.1. A seat belt to K.2.1.2, 4 point must be fitted.

63.10.2. A circuit breaker to K.8 which is operable by the Driver when properly seated and which is clearly marked must be fitted.

63.10.3. The battery must be securely mounted and fitted in a sealed container or under the bonnet.

63.10.4. A strong and clearly marked recovery point must be fitted to the rear of the vehicle.

63.10.5. The seat must be rigidly located and designed to securely locate the Driver up to and including the shoulders.

63.10.6. A head restraint must be fitted where not integral to the seat (K.13).

63.10.7. The fuel tank must be located under the bonnet and comply with K.14.1.2.

Miscellaneous

63.11. A front bumper or bush guard must be fitted to protect the chassis and bodywork. This may provide location for under chassis protection and must provide a suitable towing point.

63.11.1. Under-vehicle protection skid plates/guards may be fitted to protect the steering, engine and transmission.

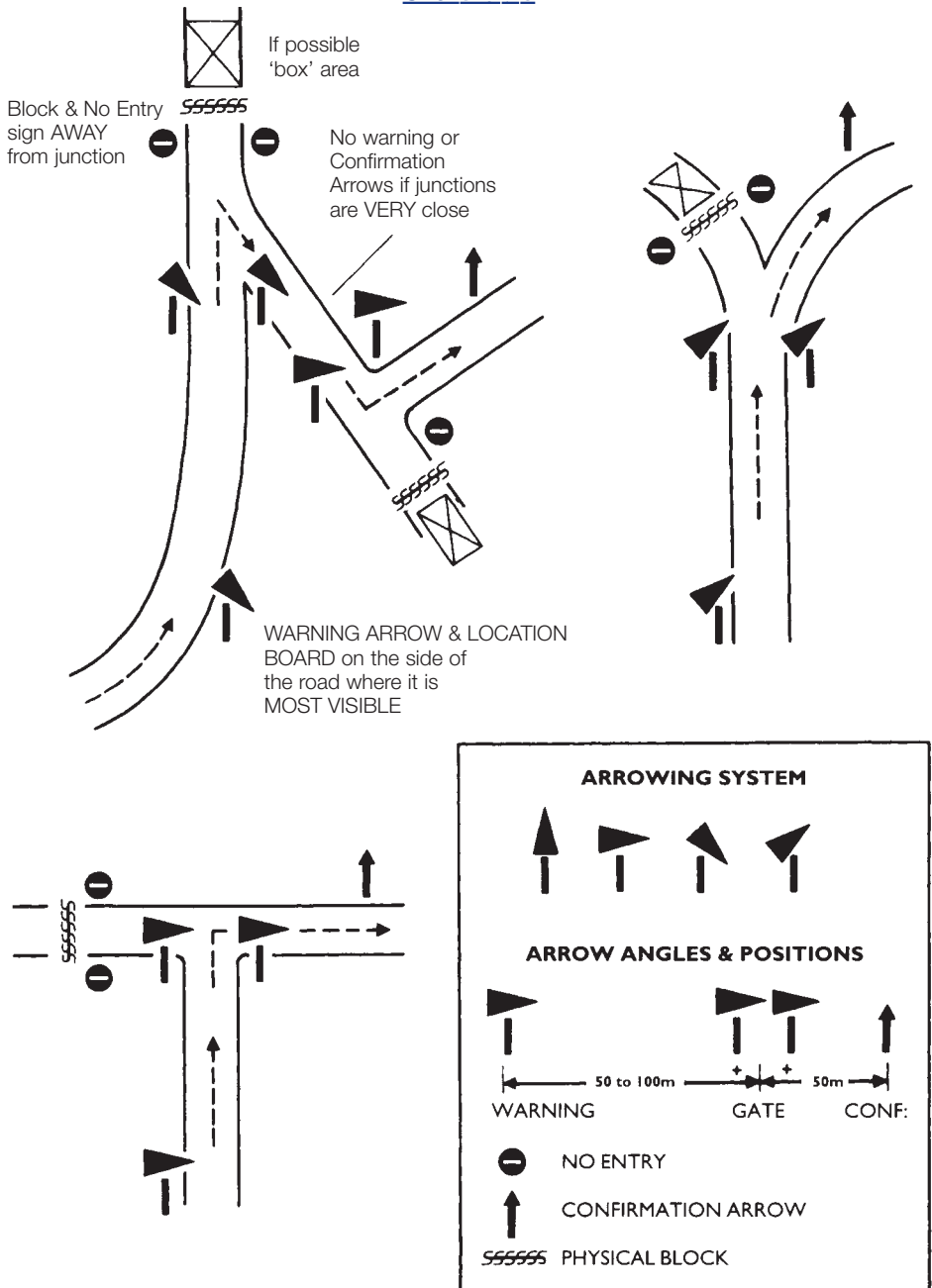
63.11.2. Ballast may be added to the vehicle, provided it is securely attached to the chassis or skid plates.

63.11.3. Ballast must be located below the floor line.

(P) Cross Country Events















Appendix 1: Charts and Diagrams

Chart 11.10



Cross Country Events (P)

Chart 26(b)

CONTROL TYPE	DISTANCE FROM PREVIOUS SIGN	POSITION	COLOUR	BOARD Black Symbols
PASSAGE CONTROL	n/a	Beginning of Control Area	Yellow background	
	25 metres	At Control Stop	Red background	
	50 metres	End of Control Area	Yellow background	
TIME CONTROL	n/a	Beginning of Control Area	Yellow background	
	25 metres	At Control Stop	Red background	
	50 metres	End of Control Area	Yellow background	
START OF SPECIAL STAGE	n/a	Beginning of Control Area (Stage Arrival)	Yellow background	
	25 metres	Stage Arrival Control	Red background	
	50–200 metres	Stage Start	Red background	
FINISH OF SPECIAL STAGE	n/a	Warning of Stage Finish (both sides of track)	Yellow background	
	100 metres	Flying Finish Line (both sides of track)	Red background	
		Countdown boards (evenly spaced between Flying Finish & stop line)	Black on white background	
	100–300 metres	Stop Line	Red background	
	50 metres	End of Control Area	Yellow	

(P) Cross Country Events

Chart 30.1.1 – ASSESSMENT OF PERFORMANCE – TARGET TIMED CROSS COUNTRY EVENTS

Performance will be assessed as follows, *unless modified by the SRs (29.1)*

	Road Sections	Special Stages
(a) Not reporting at a control		Retired
(b) Not reporting at or providing proof of visiting a check	30 mins	
(c) Not complying with a requirement of the Road Book or Route Card including visiting a control more than once	30 mins	Stage Target
(d) Not complying with a reasonable instruction by an Official provided warning is given that a penalty will be applied	15 mins	Stage Target
(e) Not attempting or being ready to attempt a stage when instructed to do so		Stage Target
(f) Not completing a stage		Stage Target
(g) Not performing a stage correctly		Stage Target
(h) Making a false start at a stage		1 min
(i) Taking an incorrect route on a Special Stage		Stage Target
(j) Every second taken to complete a Stage (subject to 31.13)		1/60 min
(k) For each minute under Target Time on a Road Section of Service Area	1 min	
(l) For each minute before or after Due Time at a Main Control (out)	1 min	
(m) Breach of a Statutory requirement concerning the driving of a motor vehicle	30 mins	
(n) Contravening 33.4	30 mins	
(o) Breach of Technical Regulations concerning the use of lights and breaches of the Construction and Use or Lighting of Vehicles Regulations	30 mins	
(p) Excessive vehicle noise, excessive speed or driving likely to bring motor sport into disrepute (2.10 and 27.3)	30 mins	
(q) Damaged or ineffective silencing system	30 mins	
(r) Damage to car (28.1.1)	10 mins	
(s) Receiving assistance contrary to 50.1 or 50.6 or contravening 36.1	30 mins	Stage Target
**†(t) Breach of Regulations 25, 36.2, 28.1.1, 50.3, 50.4, 51	Exclusion	
†(u) Breach of Regulation 11.2		Stage Target plus 30 mins
(v) Second offence (m), (n), (o), (p), (q), (s)	Exclusion	
(w) Breach of Regulation 50.2, 27.4.3, 49.8	Exclusion	

**These penalties may not be decreased by the Supplementary Regulations. The decision on causing excessive noise during an event is left to the discretion of the Judge, Environmental Scrutineer (G.7.8), or Driving Standards Observer (G.10.1) who may refuse permission to proceed at any time. Driving Standards Observers' decisions on imposing a penalty for excessive speed or bringing the sport into disrepute will be penalised according to the SRs. Note also powers contained in 27.4.

†Any road section penalties thus incurred will be applied up to and including exclusion.

Cross Country Events (P)

Chart 30.1.2 – ASSESSMENT OF PERFORMANCE – CROSS COUNTRY EVENTS USING SCHEDULED TIMING

Performance will be assessed in one of the methods listed. The 'Marks Lost' penalties as shown below will apply, *unless modified by the SRs or the SRs specify the Fails system* (29.1)

	Marks Lost	or Fails
(a) Not reporting at a control	30 mins	1
(b) Not reporting at or providing proof of visiting a check	30 mins	1
(c) Not complying with a requirement of the Road Book or Route Card including visiting a control more than once	15 mins	1
(d) Not complying with a reasonable instruction by an Official provided warning is given that a penalty will be applied	15 mins	1
(e) Not attempting or being ready to attempt a stage when instructed to do so	Stage Target	
(f) Not completing a stage	Stage Target	
(g) Not performing a stage correctly including taking the incorrect route	Stage Target	
(h) Making a false start at a stage	1 min	
(i) Every second taken to complete a Stage (subject to 31.13)	1/60 min	
(j) Arriving at a control or check, other than at the end of a non-competitive section before Scheduled time per minute	2 mins	
*(k) Arriving at a control or check after due time – per minute, where timing is to whole minutes – per fraction of a minute, where timing is to a fraction of a minute	1 min or fraction	Max. penalty not to exceed that for (a) missing a control
** (l) Early arrival at the end of a non-competitive section	30 mins	1
** (m) Breach of a Statutory requirement concerning the driving of a motor vehicle	30 mins	1
** (n) Contravening 33.4	30 mins	1
(o) Breach of Technical Regulations concerning the use of lights and breaches of the Construction and Use or Lighting of Vehicles Regulations	30 mins	1
(p) Excessive vehicle noise, excessive speed or driving likely to bring motor sport into disrepute (2.10 and 27.3)	30 mins	1
(q) Damaged or ineffective silencing system	30 mins	1
(r) Damage to car (28.1.1)	10 mins	1
(s) Receiving assistance contrary to 50.1 or 50.6 or contravening 36.1	30 mins	1
** (t) Breach of Regulations 25, 28.1.1, 36.2, 50.4, 50.3, 51	Exclusion	
† (u) Breach of Regulation 11.2	Stage max. plus 30 mins	
(v) Second offence (o), (p), (q), (r), (s), (u)	Exclusion	
(w) Breach of Regulation 50.2, 27.4.3, 49.8	Exclusion	

*Except in 'neutral' sections where only a maximum lateness penalty equal to (a) shall be applied.

**These penalties may not be decreased by the Supplementary Regulations. The decision on causing excessive noise during an event is left to the discretion of the Judge, Environmental Scrutineer (G.7.8), or Driving Standards Observer (G.10.1) who may refuse permission to proceed at any time. Driving Standards Observers' decisions on imposing a penalty for excessive speed or bringing the sport into disrepute will be penalised according to the SRs. Note also powers contained in 27.4).

†Any road section penalties thus incurred will be applied up to and including exclusion.

(P) Cross Country Events

Drawing number 5.3

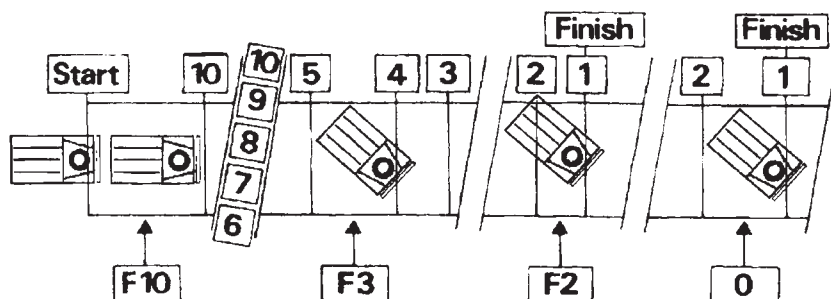
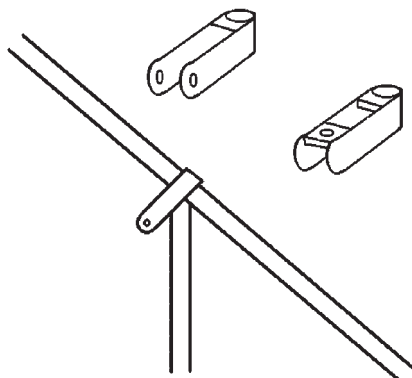


Diagram illustrating the application of 204 to 212. The lower figures preceded by F indicate the correct penalties for a car stopping in the position show.

Drawing number 56.5



Specific Regulations for Circuit Racing (Q)



Specific Regulations for Circuit Racing

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1.1.2. The organisation of an event shall not be announced or advertised until the issue of a Track Licence has been agreed by the MSA.

1.1.3. No paying public spectators are allowed to be present if the organising club has not organised a race meeting within the preceding three years. In certain circumstances the MSA may waive this requirement.

1.1.4. The appropriate local hospital authorities have been notified as to the time and date of the event, including practising.

1.1.5. MSA Timekeepers, Handicapper (if appropriate) and Scrutineers, appropriate to the grade of event, have been appointed.

1.1.6. Dual status Permits may be issued where one or more of the supporting races at a major meeting are to be open to holders of a lower grade of licence.

1.2. A Permit will not be issued for Car race meetings of International status, unless the Club possesses a fulltime Secretariat capable of taking full responsibility for the meeting. Additionally, the application must be specifically approved by the MSA prior to submission to the FIA.

1.3. Unless authorisation has been granted by the MSA there shall be no race (or practice for a race) which combines cars with exposed wheels with closed cars (i.e. saloons etc.). This regulation shall not apply to any race cars of periods A to D or to races for cars of periods E and F providing that such a race does not include any single seat, open wheeled car with a height of less than 33in.

1.4. In wet conditions every effort should be made to clear any accumulations of water from the track even if this means delaying the start. Further, drivers must be permitted to complete at least one familiarisation lap prior to the race if conditions have changed from dry to wet since practice (12.9.8).

1.5. It is strongly recommended that land-owners or developers discuss their outline plans for any new racing circuit with the MSA before any construction begins. This is to ensure compliance with MSA and governmental safety standards, and race organising facilities which the MSA may require under the General Regulations.

The Clerk of the Course

2.1. The maximum number of Clerks of the Course at any race meeting shall be two (except at International Meetings). One Clerk of the Course must be nominated as Senior Clerk of the Course responsible for the overall control of the Meeting. The maximum number of Deputy/Assistant Clerks of the Course for any race shall be two (except at International Meetings) or where a Championship/Series permanent Clerk of the Course is appointed who shall not be included in the above numbers.

Clerk of the Course Licence

2.2. In the case of all Race events, the Clerk of the

Organisers' Regulations

Organisers of any Race Meeting must comply with the Common Regulations for Organisers (Section D) and the following:

General

1.1. A permit for the organisation of a race meeting, championship or series is issued at the sole discretion of the MSA and on the condition that:

1.1.1. A valid Track Licence exists for the circuit and its conditions are fulfilled (E.1).

Course must hold a CofC licence issued by the MSA and valid for that grade of meeting.

2.2.1. For details of Retention and Upgrading, see Section G.

Championships

3.1. Please refer to Section W – Championships.

3.2. Series. A series of individual events organised to a common set of Sporting and/or Technical Regulations, with no accumulative winner, must register with the MSA on the prescribed form which will include: (a) title (b) vehicle and (c) minimum licence status. A registration fee will be levied. The Registration will be accepted by the issue of a Series Registration document.

3.3. It is the Organising Permit holders responsibility to ensure that any Event possesses either a Championship Permit or a Series Registration document, as appropriate.

3.4. Junior Car Racing

3.4.1. The MSA may authorise a maximum of four Junior Car Racing Championships annually, each of which must be endorsed and submitted for approval by an MSA recognised club. The MSA shall however have the right to exceed the above maximum number in circumstances which the MSA considers in its sole discretion to be appropriate or where the FIA has given approval.

3.4.1.2. The MSA will licence Junior Car Racing Championship Organising Clubs and such licences will remain valid for 3 years, when prospective Organisers may again apply for a licence.

3.4.2. Any new manufacturer backed Junior Car Racing Championship must have guaranteed manufacturer support for a minimum of three years. The promoting Club must lodge with the MSA a commitment fee or must issue MSA with formal confirmation that they themselves hold a commitment fee in this respect. In the event that the commitment fee is held by the MSA it will be forfeit if the Championship fails to take place, or ceases prematurely during its first three years.

3.4.2.1. Providing that the Championship has run as specified during its first three years, the fee will then be returned, without interest, to the Club. In the event that the Club has lodged formal confirmation with the MSA that they hold the commitment fee and the Championship fails to take place, or ceases prematurely during its first three years the Club will take responsibility for any commercial liabilities of the Championship.

3.4.3. Each Junior Car Racing Championship should achieve an average of 12 starters during any one year in order to retain Championship status.

3.4.4. A Junior Car Racing Championship will be permitted to accept registrations from Drivers who have achieved their 14th birthday who will be permitted to continue until 31st December of the year of their 17th birthday.

3.4.5. H8.2.1. applies and competitors must satisfactorily complete the extended ARDS course specifically designed for Junior Car Racing.

3.4.5.1. The Competition Licence application must be endorsed and submitted to the MSA by one of the Junior Race Championship Organising Clubs.

3.4.5.2. This Licence will state 'Junior Race Formulae Only' and will be held by the Junior Car Racing Championship Organising Club.

3.4.6. The Junior Driver will be permitted to participate in those Championships authorised by the MSA and the licence holding Junior Race Championship Organiser will be authorised to copy the held licence and pass to the fellow Junior Racing Championship organiser(s), if required. H22.1.2 to H22.1.4. will be waived in this respect.

3.4.7. Only the MSA is permitted to authorise a Junior Driver to participate in the Motor Sport Ireland Junior Car Racing Championship, any issued licence will be retained by the MSA in this regard.

3.4.8. The MSA Junior Car Racing licence is not valid for any other event or discipline.

3.4.9. Once a Junior competitor reaches 16 years of age he/she is eligible to be issued a Race National 'B' licence. Upon issue of a Race National 'B' licence (unrestricted) and competition within Car Racing events the Driver will no longer be eligible to again be issued the Race National 'B' (Junior Formulae) licence nor to compete within the Junior Racing Formulae.

Racing/Practice Restrictions

4.1. No racing or practice may take place until:

4.1.1. The Chief Medical Officer has reported to the Senior Clerk of the Course that the necessary doctors/paramedics mobile ambulance vehicles and first aid personnel are present and have been briefed. If no ambulance or suitable substitute vehicle is available at the event, the competition or practice must be suspended (Section F).

4.1.2. Breakdown vehicles are present in sufficient number to cope with any incidents which may be expected having regard to the type of course and number of competitors.

4.1.3. The Clerk of the Course has reported to the Stewards of the Meeting that the conditions of the Permit and Track Licence are fulfilled. Before making such a report the Clerk of the Course, or a Deputy appointed by him specifically for such purpose, shall inspect the course and its installations.

4.1.4. The Stewards of the Meeting have seen the Fire Equipment Certificate referred to in E.7.

4.1.5. The Clerk of the Course is satisfied that the licensed Rescue Vehicle(s) are positioned in accordance with the Track Licence.

4.2. The Clerk of the Course shall have a list compiled of drivers who require signatures on their Race Licence Upgrade Card (G.3.1.1, G.5.2.19, H.26.1.2).

4.2.1. The Clerk of the Course, or his nominee, should specifically brief any driver who has not raced at that circuit in a car, on that current track configuration, prior to the driver going out to practice (8.1.11.).

Note: Throughout these sections an asterisk(*) indicates a requirement for additional information to be printed in the Supplementary Regulations (SRs).

Text shown in Italics indicate a Regulation which may be amended in the SRs.

(Q) Circuit Racing

4.3. Marshals (G.12) shall patrol between the course and all unfenced enclosures. Those stationed outside the pits, paddock or enclosures should be warned to remain behind protective barriers, in the event of an impending incident. Officials should be briefed on their duties and wear no clothing whose colour might be confused with flag colours.

4.4. During practice and the race, no Team personnel shall be allowed on the track, except that whilst a car is at its designated pit, team personnel in accordance with 13.1.5 may work on the car. Should there be an approved signalling area, one timekeeper and one signaller for each car may be in this area.

Practice (G.5.2.9)

4.5. Every driver, including drivers of vehicles which are to give performance demonstrations, must be given the opportunity of practising in conditions similar to those to be expected in the competition, and any driver who has not previously raced over the course in its current layout, within the preceding twelve months, must complete at least three practice laps in the car to be raced by him during which he shall satisfy the Clerk of the Course as to his competence. Drivers must be given at least the following opportunity for practising:

4.5.1. Organisers will provide a period sufficient to allow at least six laps of practice in the prevailing conditions. It is recommended a period of 10 minutes if the track is less than one mile in length; 15 minutes for a track between 1 mile and 2.5 miles; and 20 minutes for tracks over 2.5 miles, subject to a minimum of three laps (4.5).

4.5.2. Organisers will provide a separate practice session for each race. Cars practising entirely out of session will be placed at the back of the grid, without the addition of a time delay, except where grid positions have been made in accordance with 12.9.1(b), (c), (d), (e) or (f). If more than one driver is subject to this rule then starting positions shall be determined by the Clerk of the Course. Qualified reserves shall however enjoy precedence over competitors practising entirely out of session.

4.5.3. Drivers whose best lap time exceeds by more than 10% that of the third fastest car within its class (where similar weather conditions prevailed), may be excluded at the discretion of the Clerk of the Course.

4.5.4. During practising the number of vehicles on the course shall not exceed the number permitted in a race by more than 20% unless the Track Licence specifies otherwise (E.2.2.1).

4.5.5. The course or its features or markings may only be changed between the last practising period and the event itself in exceptional circumstances. Consideration may be given by the Clerk of the Course in consultation with the Stewards of the Meeting to arranging an additional scheduled practice.

Starting Positions (12)

4.6. Each vehicle shall have an allotted position at the start in accordance with 12.9.1.

4.6.1. For handicap races the handicap shall be so arranged by the allocation of credit laps that all cars will have left the starting area before the limit car has completed its first lap. Cars due to start at different

times should not be placed in the same row on the starting grid.

4.6.2. Qualified reserves shall enjoy precedence over an accepted competitor whose practice times have been disallowed for whatever reason (C.3.3).

Incidents

4.7. The Clerk of the Course shall ensure that after every accident or incident involving a competing vehicle or vehicles:

4.7.1. The Chief Scrutineer and MSA Steward of the Meeting receive a report without delay.

4.7.2. That any vehicle and driver involved is not allowed to continue in practice or the competition nor may leave the venue, without approval of the Chief Scrutineer or Chief Medical Officer, as appropriate. Details of any injury to the driver must be inscribed on the Competitor's Licence/Medical Certificate.

4.7.3. No vehicle, other than a competing car, shall be taken on to the course during a competition except to deal with a grave emergency, and then only as instructed by the Clerk of the Course, who must be satisfied that the driver of such a vehicle knows the Rule of the Road in operation and that flag marshals will warn competing drivers (4.8.1).

4.7.4. At the conclusion of each race each Observer shall report any incidents in writing to the Clerk of the Course. Observers will also pay attention to driving standards especially in respect of drivers applying for an upgrading signature.

These reports shall be made available to the MSA Steward of the Meeting if required.

4.7.5. Following any incident involving injury, serious damage, Judicial proceedings, and when otherwise appropriate, the Owner and/or Operator of a Venue having video facilities shall:

- (i) Retain any video recording relating to the incident for at least 21 days after the incident,
- (ii) Upon a written request by the MSA being made within the period of 21 days, provide to the MSA any video recording, make a copy of the video recording requested and provide to the MSA the original of the video recording requested,
- (iii) Keep the copy of the video recording requested by the MSA until notified in writing by the MSA that the keeping of the copy is no longer required.

4.7.6. At Race Circuits where the use of specialist "snatch" vehicles is licensed such vehicles should be operated under the protection of yellow flags or by neutralisation of the race in accordance with the relevant guidelines published by the MSA.

4.7.7. At Race Circuits not licensed for the use of "snatch" vehicles the recovery of a vehicle creating an obstruction or hazard can only be carried out once the race has been neutralised unless recovery is executed manually.

Driving Standards Observers (G.11.3)

4.8. In consultation with the Clerk of the Course, Driving Standards Observers may position themselves at any point and may operate and report on a random basis as considered appropriate.

4.8.1. The Driving Standards Observers must make themselves known to the Senior Observer on duty at adjoining posts in their vicinity.

4.8.2. Driving Standards Observers will ensure that their watches are synchronised with Official Timekeepers time, and any written report submitted should clearly state the Official time that any alleged infringement of driving standards occurred.

4.8.3. The Driving Standards Observer is responsible for the reports of driving standards as outlined in 19.3, but should not personally become involved in dealing with any actual incidents.

Parade, Lead and Safety Cars (G.5.2.17)

4.9.1. A Safety Car may be used to control or neutralise a race in the event of an incident or a situation in which marshals or competitors are being subjected to such potential danger that the yellow flag is not sufficient protection, providing its use is detailed in SRs, or the Championship Regulations, and in accordance with Appendix 2. The Safety Car will also be used whilst a snatch is in operation at those venues not licensed for snatch operations.

4.9.1.1. When selecting a vehicle for use as a Safety Car consideration should be given to the vehicles suitability, and type of vehicles within the race (Convertible vehicles are not deemed suitable).

4.9.1.2. The Safety Car should be marked "Safety Car" in black letters on a white background (in letters of a similar dimension to those used for race numbers) on both sides of the vehicle and in letters as large and as clear as is practicable on the rear of the vehicle in such a way that the purpose of the Safety Car is clear and unambiguous.

4.9.1.3. The Safety Car must be equipped with a minimum of two yellow/amber flashing lights securely situated on the roof of the vehicle. The vehicle must be equipped with safety belts.

4.9.1.4. It is recommended that Safety Cars be equipped with rollover protection and have fitted a 2.5kg fire extinguisher to be at the disposal of the driver or observer, for hand use.

4.9.1.5. It is recommended that Safety Cars have the decals removed or covered when on the public highway, and are driven in such a manner as not to bring the sport into disrepute.

4.9.1.6. The driver and observer must sign on as officials of the meeting.

4.9.1.7. No other personnel may be carried aboard the vehicle.

4.9.1.8. Helmets must be worn, but they must not impede communications between the observer and the driver or race control, (full-face helmets may require intercoms).

4.9.1.9. Both the driver and observer must have arms and legs covered with suitable clothing (fire retardant overalls are strongly recommended).

4.9.1.10. Safety belts as fitted to the vehicle must be worn.

4.9.2. A Lead Car may be used to control the formation lap prior to a rolling start (12.1(b)). A Lead Car will not be used to neutralise a race.

4.9.2.1. The Lead Car should be marked "LEAD CAR" in black letters on a white background (in letters of a similar dimension to those used for race numbers) on both sides of the vehicle and in letters as large and as clear as is practicable on the rear of the vehicle in such

a way that the purpose of the Lead Car is clear and unambiguous. Safety Cars may also act as Lead Cars.

4.9.2.2. The Lead Car must be equipped with a minimum of two yellow flashing lights situated on the roof of the vehicle.

4.9.2.3. The Lead Car must be driven as required by G5.2.17, and crewed with an official acting as an observer who is capable of recognising all the competing cars and who is in permanent radio contact with Race Control.

4.9.2.4. Both the driver and the observer must have signed on as Officials of the Meeting.

4.9.2.5. Helmets must be worn, but they must not impede communications between the observer and the driver or race control, (full-face helmets may require intercoms).

4.9.2.6. It is recommended that Lead Cars have the decals removed when on the public highway and are driven in such a manner as not to bring the sport into disrepute.

4.9.3. A Parade Car may be used to control the formation lap prior to a standing start (12.1(a)).

4.9.3.1. A Parade Car is deemed to be a vehicle used only to lead the competing cars on their green flag/formation lap, when the start is to be a conventional standing start from the grid, and which will not be used to neutralise a race. Lead Cars and Safety Cars may also act as Parade Cars.

4.9.3.2. The Parade Car must have at least one yellow flashing light situated on the roof of the vehicle.

4.9.3.3. The Parade Car must be driven as required by G5.2.17, and crewed with an official acting as an observer who is capable of recognising all the competing cars and who is in permanent radio contact with Race Control. Both the driver and the observer must have signed on as Officials of the Meeting.

4.9.3.4. It is recommended that Parade Cars have the decals removed or covered when on the public highway and are driven in such a manner as not to bring the sport into disrepute.

Flag Signals

5.1. Flag signals shall be in accordance with the following (15).

5.1.1. Each Flag Marshalling Post shall be provided with a Hazard Area Board (not applicable at Kart Circuits) and the following flags: Yellow, Yellow and Red, Green, Blue, Red, and White, and shall be staffed by marshals who are competent in their use. The Clerk of the Course shall be provided with, or have under his direct control, a Red flag, a Black flag, a Black and White flag split diagonally, and a Black flag with an Orange disc, together with means for clearly displaying a competing car's number should it be necessary. The National flag and a Black and White chequered flag shall be available at the start and finish line or lines for appropriate use.

5.1.2. All marshals' posts shall show a Green flag during the first lap of each practice session, and during each formation lap.

5.2. The minimum size for any flag or appropriately coloured signal panel (15.1) (other than the Starter's flag) is 75cm x 60cm (N.B. International Regulations require the Red flag to be 80cmx100cm minimum).

(Q) Circuit Racing

5.3. Once the Black and White chequered flag has been displayed the event is over, and may not be restarted.

5.4. Any race can be stopped at the sole discretion of the Clerk of the Course by waving the Red flag at the Start/Finish line. Competitors will be warned that the race has been stopped by the simultaneous waving of the Red flag at all Flag Marshalling Posts.

5.4.1. Any race stopped before the leader has completed two laps will be declared a "No Contest" and available cars will restart from their original grid positions.

5.4.2. Any race stopped after the leader has completed more than two laps but less than 75% of its duration will be considered as the first part of a two part race. Cars will be restarted from a grid set out in the finishing order, which shall be based upon the order of crossing the finish line at one lap less than at the time of first showing the Red Flag. Only cars which are under their own power at the showing of the Red Flag will be classified. The result will be the order of finishing at the end of the restarted race, unless Championship Regulations specify otherwise.

The result will list all competitors who took the start in the race even if they did not take part in the restarted race and will use the first part for purposes of establishing lap records and point scoring where applicable. Any issues for any class in a Championship will be determined from the initial grid not the grid for the restarted race.

5.4.3. Any race stopped after the leader has completed 75% of its duration may be considered to have finished, unless the Clerk of the Course, in consultation with the Stewards of the Meeting, deems it appropriate to restart the race. If not restarted the result will be based on the order of crossing the finish line at one lap less than at the time of the first showing of the Red Flag. Only cars which are under their own power at the showing of the Red Flag will be classified. If run as a two part race 5.4.2 will apply.

5.5. In the interval between stopping and restarting the race cars may return to the pit area for repairs. They may join from the pit road after all the other cars have started. Non-runners at the time of stopping can restart from the pit lane behind those referred to above. No work may be carried out on the grid unless on grounds of safety and with the approval of the scrutineer. The Clerk of the Course may order that the duration of the second part or re-run of any race shall be of a shorter distance than originally scheduled, or may be abandoned altogether.

5.6. If during any race no car crosses the start/finish line under its own power during a period of five minutes the end of race signal shall be displayed and the results announced on the relative positions of cars at the time they last crossed the control line under their own power.

Truck Racing

6. Specific regulations are available for Truck Racing. For further details contact the MSA.

6.1. Unless the nominated Clerk of the Course is a Licensed International 'A' CofC, the nomination must be approved by the MSA.

Endurance Racing

** These are maximum figures that may be reduced in the SR's.*

6.2. Endurance Race. A Race scheduled to have a minimum of 90 minutes duration, with refuelling permitted and/or Driver stops and/or Driver changes, as an integral part of the race.

6.2.1. Endurance Races should be started by Rolling Start, unless otherwise stated in SR's.

6.2.2. There is no restriction on the maximum number of drivers for each vehicle.

6.2.2.1. *A driver may not drive for more than 3 hours in any 5-hour period.

6.2.2.2. For races over 6 hours any one driver must not exceed 60% of the scheduled race.

6.2.3. A driver may drive a maximum of 2 cars during the event provided that he is properly entered and qualified in each car.

6.2.4. Whilst in the pit lane:

6.2.4.1.

- (i) *there must be a maximum pit lane speed limit of 60kph
- (ii) it is recommended that all personnel wear a high visibility jacket/vest approved by the organisers
- (iii) *there must be no more than 3 people on the pit wall, per car
- (iv) *there must be no more than 4 people working on the car at any one time
- (v) all equipment and personnel must be in the pit garage when the relevant car is not making a pit stop, with the exception of pit signallers. Where there are no garages arrangements must be approved in advance with MSA.
- (vi) no work may take place on the car during refuelling and the engine must be switched off.
- (vii) it is the responsibility of the Entrant to release his car after a pit stop only when it is safe to do so. Cars in the fast lane have priority over those leaving the working area.

6.2.5. A second race, of the same status, may run concurrently but only from a single start up to the maximum number permitted by the Track Licence.

6.2.5.1. At the end of the specified duration of the shorter race all competitors will be signalled, by the display of a white board measuring at least 80cm x 60cm with a chequered border and bearing the legend 'Race Part One End'. Upon display of this signal the shorter race competitors must safely enter the pit lane, ensuring that they do not impede those cars which are continuing to race for the longer period. The timing of cars in the shorter race will conclude when the final competitor, in this shorter race, passes the board on the finish line.

6.2.5.2. There must be a minimum of 30 minutes between the end of each race.

6.2.5.3. No vehicle is eligible to compete in both races, however a driver may do so.

6.2.5.4. A drivers briefing for all competitors is mandatory and the board to be used (as specified in 6.2.5.1) must be shown to all competitors during the briefing.

Medical Arrangements, Emergency Rescue Vehicles and Equipment (Section F)

7.1. At all permanent circuits there shall be a medical centre equipped in accordance with Section F.

7.2. The appropriate number of Doctors and Ambulances, as specified on the Track Licence, must be present throughout practice and racing.

7.3. Providing that the basic minimum of one doctor for practice and two doctors for racing is complied with, the remaining posts may be filled with MSA registered paramedics (F.7.3, F.7.4) at the sole discretion of the Chief Medical Officer.

7.4. At all race meetings, at least one licensed Rescue Vehicle and crew should be in attendance.

Competitors' Regulations

Signing-on and Scrutiny

***8.1.** Competitors and Vehicles must be presented for scrutiny and practice at times specified in the SRs. Any Scrutineering Ticket relating to a previous meeting must be removed before presentation of the vehicle for scrutineering. Homologation papers must be presented when appropriate.

8.1.1. Any competitor not reporting as instructed, may be fined or excluded.

8.1.2. Cars competing in Race Meetings must comply with 19 and Section J, and any appropriate Approved Formula Regulations.

8.1.3. In conjunction with signing-on the following items must be produced for approval:

- (a) Racing Competition Licence/Medical Certificate for Driver.
- (b) International Medical Aptitude Certificate (if applicable).
- (c) Entrants Competition Licence (if applicable).

8.1.4. No car may be driven in the event until it has been approved by a MSA Scrutineer of the Meeting for safety and eligibility.

8.1.5. If, after approval for an event, any vehicle is dismantled or modified in a manner which may affect its safety or eligibility, or is involved in any accident which is likely to have a similar effect or is driven in practice or competition at another event it shall be represented for approval.

8.1.6. The entrant shall be responsible for seeking such fresh approval.

8.1.7. In the event of an accident or collision occurring during a race or practice the vehicle or vehicles involved may be required to halt for examination.

8.1.8. Any vehicle involved in an incident which is rendered unable to proceed, or where any person is injured must not be touched by any person other than officials, without the specific approval of the Clerk of the Course. Furthermore, the driver concerned may not race again without the approval of the Medical Officer in Charge.

8.1.9. No vehicle involved in an accident may be taken away from the circuit without the prior authority of the Clerk of the Course.

8.1.10.

- (a) Cars will be Permitted to carry radio transmitters or receivers, for which Ofcom licences will be checked at scrutineering, in the following races only:
 - (i) International non-Historic status races
 - (ii) Those taking place on a high speed oval circuit where regulations Permit the use of spotters
 - (iii) Races which involve a Driver change
 - (iv) Where the Competitor has a non-transmitting radio receiver tuned to the frequency of a single transmitting device, which is under the direct and sole control of the Clerk of the Course. The system is to be used solely for providing competitors with instructions or warnings issued by the Clerk of the Course.
- (b) No signal of any kind may pass between a moving car and anyone connected with the car's Entrant, Team or Driver save for the following:
 - (i) Legible messages on a Pit Board
 - (ii) Body movement by the Driver
 - (iii) Verbal communication between a Driver and his Team by means of radio using an approved frequency subject to 8.1.10(a)
 - (iv) Lap trigger signals from the Pits to the car. Lap marker transmitters shall be battery powered and once operating must be free standing (not attached to any other pit equipment by means of wires or optical fibres) and incapable of receiving external information. Such lap triggers shall use a transmitter operating with a carrier frequency above 10Ghz (radio or optical) and a beam half angle of no more than 36° when measured at the 3dB point, and shall not be used for the transmission of any data from the pit to the car other than the lap mark. Lap mark data must be transmitted repeatedly and must be demonstrably consistent
 - (v) A single burst of timing data from the car to the Pits as the car passes the receiver. All timing beacons and receivers must be a minimum of 10m from any official timing beam.

8.1.11. Any driver who has not raced at that circuit before, must report to the Clerk of the Course, or his nominee, prior to practising.

Licences

9. See Section H.8 and H.14.1.1.

9.1. Other than the provision of 3.4.4 a driver must have achieved his 16th birthday to participate in Car Racing.

Drivers

10. A driver shall throughout the competition:

10.1. Wear properly fastened and positioned:

- (a) A crash helmet to a standard specified in the current Regulations and bearing an MSA approval sticker, which fits properly and is in a serviceable condition (see K.10).

(Q) Circuit Racing

- (b) Goggles or visor of splinter-proof material (unless in a closed car with a full-size windscreen in use), sufficient to protect his eyes.
- (c) Flame Resistant Overalls which shall cover arms, legs and the torso up to the neck. The use of flame resistant balaclava, socks, and underwear is strongly recommended (see K9). Flame resistant gloves and shoes are mandatory.
- (d) For events outside the UK the minimum standards would normally be FIA specification personal protection equipment.
- (e) 10.1(e) An FIA approved FHR device, fitted in accordance with FIA regulations, is:
 - (i) Mandatory for the driver of a Single Seater Racing Car manufactured after 01/01/2000.
 - (ii) Recommended for the driver in all other forms of Circuit Racing. This will be a mandatory requirement from 1st January 2016, with the exception of Period Defined Vehicles which will remain as a recommendation.

All items must be produced for inspection and approval at Scrutineering.

10.2. Refrain from smoking.

10.3. See H.10.3.

10.4. Be the only person in the car.

10.5. Drive only one car, with the exception of the provision detailed within 6.2.3. Not more than one driver may drive the same car in any one race, unless the SRs specify otherwise.

Competition Numbers and Identification (J.4.1.8, J.4.1)

11.1. Vehicles will be identified by means of a competition number allocated by the organisers and displayed as specified in J.4.1.

11.1.1. The numbers shall be in position before the vehicle is presented for scrutiny and will be subject to approval as to position, legibility and size. Modifications may be required as a result of observations during practice.

11.1.2. Competition numbers must be covered at all times when driving on the public highway.

11.2. The Chief Timekeeper may decline to record the performance of any vehicle whose competition numbers are not readily apparent to the lap recorders.

11.3. On any car driven by a person who has not received six car race signatures on his National 'B' Licence, there shall be on the back of the car a yellow square, 7in x 7in, with a black diagonal cross, with strokes 6in long and 1in wide.

11.4. Championship Regulations (Subject to approval by the MSA) may require competition numbers to be moved to the rear side windows (above the drivers' name) on the vehicle in which case.

11.4.1. The numbers for each rear side window, which shall be:

- (i) a minimum of 200mm high
- (ii) with a stroke width of at least 20mm
- (iii) coloured reflective yellow.

11.4.2. In addition, the windscreen of all cars must display the competition number positioned on the upper area of the passenger's side of the windscreen, as follows:

- (i) the numerals must be at least 150mm high
- (ii) be in the same colour and font as those displayed on the rear side windows
- (iii) be placed no closer than 50mm from the lower edge of the windscreen "sun-strip" and 50mm from the side edge of the windscreen.

Practice, Starting Positions and The Start

*12.1. **Starting.** There are two methods of starting. The SRs must state the method to be used:

- (a) **Standing start.** A standing start occurs when the vehicles are stationary on their appropriate grid positions, with engines running, when the starting signal is given. Timing shall commence when the starting signal is given. The starting line is the line in relation to which the position of each vehicle is fixed prior to the start.
- (b) **Rolling start.** A rolling start occurs when the vehicles are moving at the moment the starting signal is given. To achieve a rolling start the competitors may be led by a Pace Car until the starting signal is given. All rolling starts must be in a 2 x 2 or 1 x 1 grid formation. The start line is the line on the crossing of which the timing commences.

Timing

12.2. The completion of the first and subsequent laps shall be timed when each vehicle crosses the control line unless the SRs state otherwise.

12.2.1. At all times throughout the event, competing vehicles shall be fitted with a working timing identification module (i.e. transponder). This must be compliant with the timekeeper's equipment. The module identification number should be submitted to the Event Secretary on the entry form. It is the responsibility of the competitor to ensure that the module is working and safely fitted in a suitable position on the vehicle. Failure of the module may result in the competing vehicle being untimed.

12.3. Where, for whatever reason, timing is carried out manually, the timing of a vehicle crossing a control line shall be taken at the moment when the centre of the leading wheel(s) pass(es) over that line.

False Start

12.4. A false start occurs when a driver under Starter's orders gains an unfair advantage by either:

- (a) being in an incorrect position on the grid, or
- (b) moving forward from his prescribed position, or
- (c) in the case of a rolling start failings to maintain his correct station, or accelerates early or unevenly.

Penalty for a False Start (12.15)

12.5. Unless the Regulations provide for a different penalty the driver concerned shall be penalised by the addition of 10 seconds to the time taken by him to complete the course. This penalty must immediately be notified to all competitors by a signal board, and to his pit or representative. This will not incur penalty points.

'Stop-Go' and 'Drive Through Penalties' (C.12.6)

12.6. If the Regulations for an event, or the relevant Championship Regulations, specifically provide for a

'Stop-Go' penalty or a 'Drive Through' penalty, the following procedure will be adopted:

- (a) When the CoC imposes a 'Stop-Go' or 'Drive Through' penalty he will immediately instruct the appropriate official to display the black flag and the competitor's number, together with a board which says 'Stop-Go Penalty' or 'Drive Through Penalty'. The relevant driver may cover no more than three complete laps before entering the pit lane to take the penalty.
- (b) The CoC will advise the Chief Pit Marshal, who in turn will notify the team concerned in writing where possible.
- (c) The relevant driver who receives a 'Stop-Go' penalty must go directly to the designated area, as detailed in the Final Instructions, without stopping elsewhere in the pit lane. He will remain there for the period of the time penalty imposed. After the signal indicating the completion of the time penalty is given, he shall rejoin the race without stopping in the pit lane, which includes the relevant drivers' pit. Whilst a car is stationary in the designated area as a result of incurring a 'Stop-Go' penalty, it may not be worked on. However, if the engine stops, it may be started after the penalty period has elapsed. If the driver is unable to start his car without assistance, other than with the use of external batteries, it must be moved to its pit by its mechanics.
- (d) The relevant driver who receives a 'Drive Through' penalty must enter the pit lane and rejoin the race without stopping.
- (e) At all times the driver will drive in the pit lane in a safe manner, obeying all signals and the speed limit.
- (f) Unless the driver has already entered the pit lane for the purposes of serving the penalty, prior to display of the Safety Car board at the Start/Finish line, the driver may not carry out the penalty until such time as the car subject to penalty passes the Green Flag at the Start/Finish line at the end of the Safety Car deployment. Any laps carried out behind the Safety Car will be added to the three-lap maximum.
- (g) Any breach, or failure to comply with this procedure may result in additional penalties, including exclusion, being imposed, which may incur penalty points.
- (h) Should either a 'Stop-Go' or 'Drive Through' penalty be imposed and notified during the last five laps, or after the end of the race or, depending on the case for duration races during the last 10 minutes, or cannot be imposed for operational reasons, an alternative time penalty of no less than 30 seconds and no more than one minute shall be added to any penalty period and the elapsed time of the car concerned.

12.6.1. The Clerk of the Course and/or the Stewards of the Meeting may disallow a lap time/times for contravention of the Regulations during qualifying.

Starter's Orders

12.7. Any competitor who is on the track at the time of showing the one minute board, or who is allowed to join the race with the permission of the Clerk of the Course is defined as coming under starter's orders, and is therefore deemed to be a starter.

Non Starter

12.8. A non starter is any competitor who does not fulfil the criteria specified in 12.7.

***12.9.** The Supplementary Regulations or Final Instructions will specify:

- (a) the method of determining starting positions,
- (b) the maximum number of starters in each race.

***12.9.1.** Starting positions will be determined by:

- (a) practice times, or
- (b) handicap, or
- (c) finishing order in a preceding race, or
- (d) selection made with the object of placing the fastest driver at the front, or
- (e) current positions in a championship, or
- (f) ballot (method specified in writing in Supplementary Regulations, Final Instructions or by Bulletin).

12.9.2. When starting positions are determined by practice times:

- (a) Only those times established by a driver in the car, correctly numbered, eligible, and which he is driving in the race, will be recorded. (Unless authorised by SRs 'spare' cars are not permitted.)
- (b) All cars in an event must be given the opportunity to take part in the same practice.
- (c) Any flying lap time recorded in a correct practice session will be taken into account in determining grid positions, even if the remainder of the qualifying laps are completed 'out of session'.

12.9.3. For a scratch race any driver or car which has had all their practice times disallowed but remains eligible to compete will be placed behind the rear line of the normal starting grid and will not start when the normal starting signal is given. Such drivers will be given a starting signal 10 seconds later. This delayed start cannot be applied retrospectively. For the purpose of calculating times or speed the normal starting signal will be used. If more than one driver is subject to this rule then starting positions shall be determined by the Clerk of the Course. For races with a rolling start such competitors will start from the pit road after all the other cars have started.

12.9.4. Within the provisions of 4.5 and 12.9.2 the lowest practice time will be considered the most meritorious and the driver and car concerned given the pole position at the start, with other drivers and cars arranged in order of the times recorded.

12.9.5. When identical times are recorded by more than one driver in the official practice session for that race the driver first setting such a time will receive the better starting position.

12.9.6. Each driver will have the opportunity to practice in accordance with the provisions of 4.5.

12.9.7. Any driver who has not previously raced on the course in its current layout within the preceding twelve months must complete at least three practice laps in the car to be raced by him, during which he shall satisfy the Clerk of the Course as to his competence.

12.9.8. In addition, if the track conditions have changed from dry to wet since practice, drivers will be permitted one reconnaissance lap prior to the race. Drivers will be

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notified accordingly before they leave the assembly area or pitlane, whichever is applicable (1.4).

12.10. Any handicap will be based on the Handicapper's estimate of the potential performance of the cars entered. Speeds achieved during practice will be used as a guide – unless some other basis is advised in SRs.

12.10.1. A handicap may be modified after initial publication but a finalised list of handicaps should be published at least 30 minutes prior to the start of a race.

12.10.2. In the case of races in which the handicap is wholly or partly based on practice times, a driver who in any lap improves upon his best practice lap time by more than 5% may be excluded by the Clerk of the Course. This penalty may be waived if the Handicapper advises the Clerk of the Course of any extenuating circumstances.

12.11. Starting positions shall be notified at least 30 minutes before the start, except when the finishing order in one event affects the starting positions in a subsequent event scheduled to start less than half an hour later. In such instance the starting positions shall be notified as soon as practicable.

12.11.1. Starting positions will be displayed on the Official Notice Board.

12.11.2. Any appeal concerning starting positions must be lodged within 30 minutes of their notification. Where the exception given in 12.11 applies, any appeal must be lodged not less than 10 minutes before the subsequent start.

12.11.3. Each car will be allocated its pre-determined position on a starting grid. It will be the responsibility of the driver to place his car in the correct position, unless instructed not to do so by an official specifically appointed to control the start.

12.11.4. It is not permitted to change tyres between leaving the assembly area and the start of the race, except in the case of force majeure (puncture, obvious damage) or if the Clerk of the Course states that the track is not completely dry. No artificial tyre heating or heat retaining devices may be used during this period.

12.11.5. The pit exit will be closed 30 seconds after the last able car of the assembled cars leaves the exit point on to the circuit, and after this time any cars and drivers exiting the assembly area will be required to start after the last car has passed the pitlane exit at the start of the race. Once the countdown has commenced any car still in the pitlane or assembly area must start at the back of the field at the commencement of the green flag lap or race start, whichever timing is appropriate as deemed by the Clerk of the Course.

12.12. Visual warnings will be displayed as per Supplementary Regulations/Championship Regulations and/or Final Instructions. These visual warnings may be supplemented by sound signals.

12.12.1. If through unforeseen circumstances the formation lap cannot commence at the appointed time after the display of the one-minute signal, drivers will be notified by display or a "Start Delayed" board. Engines may then be stopped but only on the instructions of the Clerk of the Course.

12.12.2. If a "Start Delayed" signal is given, the starting procedure will be recommenced by the display of the one-minute warning, and so on.

12.12.3. For all races with a countdown of three minutes or less, officials and drivers are the only persons allowed on the grid.

12.13. For all starts the driver will be seated in the car and engines will be running.

12.13.1. Unless the SRs specify that engines must be stopped on arrival at the starting grid, no penalty will be applied for failing to stop engines. Engines not already running will be started at the one minute signal, the method of starting being in accordance with the appropriate Technical Regulations.

12.13.2. Any driver in position on the grid but unable to take part in the start shall indicate his predicament by raising an arm vertically. Marshals should warn other drivers by means of a Yellow flag. These cars will be started after the competitors referred to in 13.6.3 have left the grid.

12.14. For all categories of cars that allow slick tyres the start will be preceded by a formation lap. Following the showing of the 30 second signal, the starter will release the cars by displaying a green flag. The cars will keep in grid formation for this lap and the pace will be set by the pole position man. No practice starts may be executed during the course of this lap. At the end of this lap, the cars will return to their grid positions and stop with their engines running, the start should be given not less than four, or more than ten seconds after all cars are stationary. (A five second board will be used to indicate that the grid is complete and the red light will be switched on approximately 5 seconds after this board is withdrawn *unless Supplementary Regulations/Championship Regulations or Final Instructions state to the contrary.*)

12.14.1. The order to start will be given by signal lights or a starting flag.

12.15. Judges will be appointed to determine false starts.

12.16. If the organisers arrange to display signs to competitors indicating the progress of the race, these signals will show the number of laps remaining, *unless Supplementary Regulations or Final Instructions or an official bulletin from the Clerk of the Course indicates otherwise.*

Pit and Paddock Regulations

13.1. During the event drivers may receive assistance only:

- (a) At the pits, or
- (b) From Officials.

13.1.1. Refuelling and work upon the cars, other than by a driver or officials, may be carried out only at the pits or paddock (E.7.4). *Unless expressly permitted by the Supplementary Regulations* refuelling may not take place during a race.

13.1.2. A driver shall vacate the car and the engine be stopped throughout any refuelling operation. Refuelling within the pit lane may only be carried out using either a churn of no more than 25 litres capacity equipped with a self seal connection and closed loop breathing system or a refuelling rig in compliance with FIA requirements. In addition the entrant shall ensure that throughout refuelling one person shall stand by the car with a fire extinguisher at the ready. Any personnel refuelling the vehicle or on standby with a fire extinguisher during a pit stop must wear a safety suit in accordance with K9 and fire resistant balaclava and gloves in accordance with FIA regulations.

13.1.3. Not more than five gallons of fuel may be kept in any pit *unless the SRs allow otherwise*. In all cases where an additional quantity of fuel is authorised, the container and the method of delivery to the car must be specified in the SRs.

Storage of fuel is only permitted in containers having a screw or other approved safety cap and complying with the Law and local Fire Regulations.

13.1.4. If any fuel is stored in a pit, the entrant of the car using that pit shall ensure that an effective fire extinguisher is kept adjacent to such fuel.

***13.1.5.**

- (a) A maximum of one timekeeper and one person detailed by the entrant for the purpose of signalling may be on the pitwall/signalling area at any time *unless the Supplementary Regulations stipulate otherwise*.
- (b) with the exception of (a) above, only the fire cover attendant specified in 13.1.2, the driver and two other persons may be on the course/in the pits in attendance on one car, *unless the Supplementary Regulations or Championship Regulations state otherwise*.

13.2. Any driver intending to leave the course, or to enter the pits, shall signal his intention in good time and shall satisfy himself that it is safe to do so.

13.3. Each driver shall acquaint himself with the regulations of the pit and paddock area relevant to the course on which the competition is held.

Track Regulations

14.1. Except while on the track no competing car shall be driven at a speed exceeding 10mph without the specific permission of the Clerk of the Course.

14.2. The driver of any car leaving the track because of being unable to maintain racing speed should signal the intention to do so in good time and is responsible for ensuring that the manoeuvre is carried out safely and as near as possible to a point of exit.

14.2.1. Should a car stop somewhere other than in the pit lane it must be moved as soon as possible so that its presence does not constitute a danger or hinder other drivers. If the driver is unable to move the car, marshals may assist. If such assistance results in the driver rejoining the race, this must be done without committing any breach of the regulations and without gaining any advantage.

14.2.2. No vehicle able to proceed under its own power shall be stopped either on the track or the verges of the course but shall proceed to the pits or paddock.

14.3. All races will be run in the direction specified on the track licence.

14.4. A car alone on the track may use the full width of the track. however, as soon as it is caught by a car which is about to lap it the driver must allow the faster driver past at the first possible opportunity. If the driver who has been caught does not seem to make full use of the rear-view mirrors, flag marshals will display waved blue flags to indicate that the faster driver wants to overtake. Any driver who appears to ignore the blue flags will be reported to the Clerk of Course.

14.4.1. Overtaking, according to the circumstances, may be carried out either on the right or on the left. In

response to each attempted overtaking manoeuvre no more than one change of direction to defend a position is permitted. Any driver moving back towards the racing line having earlier defended his position off-line should leave at least one cars width between his own car and the edge of the track on the approach to the corner. However, manoeuvres liable to hinder other drivers, such as deliberate crowding of a car beyond the edge of the track or any other abnormal change of direction, are strictly prohibited. Any driver who appears guilty of any of the above offences may be reported to the Clerk of Course.

14.4.2. Drivers must use the track at all times and may not leave the track without a justifiable reason. For the avoidance of doubt:

- (a) The white lines defining the track edges are considered to be part of the track.
- (b) A driver will be judged to have left the track if any wheel of the car either goes beyond the outer edge of any kerb or goes beyond the white line where there is no kerb.

14.4.3. Should a car leave the track for any reason and without prejudice of 14.4.4 below the driver may re-join. However this may only be done when it is safe to do so and without gaining any advantage.

14.4.4. Repetition of serious mistakes or the appearance of a lack of control over the car (such as leaving the track) will be reported to the Clerk of Course and may entail the imposition of penalties up to and including the exclusion of any driver concerned.

14.4.5. It is not permitted to drive any car unnecessarily slowly, erratically or in a manner deemed to be potentially dangerous to other drivers at any time.

14.5. Breaches of 14.4.2 may be reported and/or determined only by:

- (a) A duly appointed Judge of Fact and/or
- (b) Senior officials through the use of suitable equipment under the control of the organisers.

14.5.1. Deleted.

14.6. No competing vehicle shall be driven in the reverse direction of the track except for the minimum distance to remove it from an unexpected situation and then only under official supervision.

Flag Signals (5)

15.1. Officials' Signals will be conveyed to drivers by the following flag signals (14.4) which may be displayed by an appropriately coloured panel to which the competitor number may be attached:

- (a) Red/Green lights or National flag: Start.
- (b) Blue flag – Stationary: Another competitor is following close behind.
- (c) Blue flag – Waved: Another competitor is trying to overtake.
- (d) White flag: A service car or slow moving car is on the circuit. The white flag will be waved to indicate the sector of the track that the slow moving vehicle is in, and held stationary whilst the vehicle is in the next sector.
- (e) Yellow flag –Waved: Danger, slow down sufficiently to ensure that full control of the vehicle can be retained. No overtaking.

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- (f) Yellow flag – Double Waved: Great danger. Slow down considerably. Be prepared to suddenly change from the projected racing line, or take other evasive action including stopping if necessary. No overtaking. (This signal may be supplemented or replaced by flashing yellow light(s), as an added warning.)
- (g) Yellow flag with Red Stripes – Stationary: Slippery surface ahead.
- (h) Yellow flag with Red Stripes – Waved: Slippery surface imminent.
- (i) Green flag – Waved: All clear, at the end of a danger area controlled by yellow flags. Also used to signal the start of a formation lap and shown at all posts during first lap of each practice session and during the formation lap.
- (j) Red flag: Immediately cease driving at racing speed and proceed slowly, without overtaking, and with maximum caution to pits or start line obeying marshal's instructions, and being prepared to stop should the track be blocked.
- (k) Black flag with Orange disc displayed with the competitor's number: Notification of apparent mechanical failure or of a fire which might not be obvious to the driver. The car concerned must call at its pit for repairs on the next lap.
- (l) Black and White Rectangular flag split diagonally and displayed with the competitor's number: A warning, to the driver that his behaviour is suspect and that he may be Black-flagged on further reports.
- (m) Black flag displayed with the competitor's number: The driver must stop at his pit within one lap of receiving the signal and report to the Clerk of the Course. A penalty of exclusion may be enforced by display of the Black flag.
- (n) Black and White Chequered flag: End of Race or Practice.
- (o) Hazard Area Board: A warning of a hazard that was not present when the practice/race commenced.



(Black on yellow background)

15.1.1. At an incident where the track is obstructed, or marshals are working at the trackside, the following signals will be used:

- (a) A WAVED Yellow at the post before a DOUBLE WAVED Yellow. (The waved yellow flag may also be supplemented or replaced by flashing yellow warning lights).
- (b) A double waved Yellow flag at the post immediately preceding the incident. (The waved yellow flags may also be supplemented or replaced by flashing yellow warning lights).
- (c) A waved Green flag at the post immediately after the incident.
- (d) If the incident is well off the track and marshals are not working at the trackside, the incident may be indicated by a single waved yellow flag, followed by a waved green flag, or by a Hazard Area board.

15.1.2. Not slowing down or overtaking is an offence from wherever Yellow flags are displayed until the Green flag is passed.

15.1.3. If a hazard has been indicated by Yellow flags as above, the flags may be withdrawn, even though the hazard remains. It will then be indicated by a Hazard Area board at the flag post preceding the hazard. It is then the competitor's responsibility to take appropriate care.

15.2. When a race is stopped by the Red flag, the method of re-starting or deciding the result will be in accordance with 5.4.2, 5.4.3, and 5.4.4.

Heats

16.1. A competition may be run in heats, the composition of which will be determined by the organisers and published in the Supplementary Regulations, Final Instructions and/or official programme. The composition of the heats may be modified or heats consolidated only by the Clerk of the Course.

***16.2.** The method of composing the final must be given in the SRs.

16.2.1. Starting positions in the final will be determined by the finishing times recorded in each heat, unless the SRs specify otherwise.

16.2.2. A driver must drive the same car in the final as in the heats.

Results

17.1.1. In the case of a race over a set distance the winner shall be the competitor who covers that distance in the least time and the end of race signal will be displayed when the first competitor completes the set distance.

17.1.2. In the case of a race for a set time, the winner will be the competitor who covers the greatest distance in that time, and the end of race signal will be displayed at the end of the set time, unless the SRs specify otherwise.

17.2. After receiving the end of race or practice signal, cars will maintain station and proceed at a reduced speed for a complete lap, unless the SRs specify that only part of a lap shall be covered.

17.3. Unless the SRs or the Championship Regulations state otherwise, to be classified as a finisher:

- (a) If a race is under 50 miles long, only cars which have covered at least 80% of the distance covered by the class winner and which cross the finishing line under their own power within four minutes of the overall winner will be classified.
- (b) If the race is not expected to last more than four hours but is 50 miles or more long, only cars which have covered at least 80% of the distance covered by the class winner will be classified.
- (c) If the race is expected to last more than four hours, only cars which have covered at least 80% of the distance covered by the class winner will be classified.
- (d) Should these percentages above not result in a full number of laps, the decimals will be disregarded.

17.4. Should the end of the race signal inadvertently or otherwise be displayed before the leading car

completes the scheduled number of laps – or before the prescribed race time has been completed – the race will nevertheless be deemed to end at the moment the signal is given. If the chequered flag is given to the leader, then the result should be drawn accordingly, but if the chequered flag is given to a competitor other than the leader then the result should be given at the end of the last completed lap of the leader. Should the end of the race signal be inadvertently delayed, the race will nevertheless be deemed to finish at the correct moment and competitors be classified accordingly.

Judges

18. Judges may be appointed to adjudicate on:

- (a) False/Jump Starts.
- (b) Finishing Order.
- (c) Crossing a Penalty Line.
- (d) Overtaking under Yellow flag.
- (e) Noise.

18.1. The Chief Timekeeper will be a Judge in respect of laps covered and time.

18.2. The Chief Scrutineer and members of the Technical Commission will be Judges in respect of eligibility.

18.3. Driving Standards Observers may be appointed to report on:

- (i) Driving in a manner incompatible with general safety (C.1.1.5).
- (ii) Failure to comply with displayed flag signals or lights (16).

Technical Regulations

In addition to complying with Section J and the appropriate Formula Regulations where applicable, all vehicles competing in Races must:

Chassis

19.1.1. Have a bulkhead between any fuel tank and filler and the driver/passenger compartment sufficient to prevent the passage of flame or liquid. Where a fuel tank constitutes part of the bulkhead between the passenger and luggage compartments, an additional bulkhead must be fitted. Additional fuel tank protection may be required for open or single seater cars (see J5.2.2). Cars of periods A to F are exempt from this requirement.

19.1.2. Not have any skirts or intermediary devices bridging the gap between the underside of the chassis/body of the vehicle and the road/track. Ground clearance to be as per definition 4cm minimum *unless stated otherwise in SRs*.

19.1.3. There must be substantial towing eyes securely fixed to the main structure of the vehicle, front and rear, within the confines of the body to enable the vehicle to be moved. Cars of periods A to F and single seater racing cars are exempt from this requirement subject to a suitable towing point being clearly identified. Towing eyes must have a minimum internal diameter of 60mm. Towing eyes/towing points should be painted a contrasting bright colour (dayglo red, orange or yellow).

19.1.4. Have substantial underbody protection covering any area of fuel tank if exposed to running damage. (Applicable mainly to tanks of plastic construction.)

Body (including Aerodynamics)

19.2.1.

- (a) Have any windscreen if of glass, of laminated type only.
- (b) Rear screens to be clear, or may be tinted such as not to significantly affect through vision (in or out) or distort the colours of signal flags or lights.

19.2.2. If advertising is allowed on the windscreen not have the advertising obscuring the driver's vision. Advertising on other transparent surfaces is prohibited unless specified in the Championship Regulations. The driver's name may be displayed on the rear side and/or the rear screen in letters not exceeding 10cm high.

19.2.3. Have any cover over the passenger's compartment alongside the driver composed of foldable material, or if of a rigid material the edge adjacent to the driver to have a minimum vertical dimension of 40mm. Where the cover is of a rigid material the edge is to be protected with non-flammable padding (K1.3.6, K1.6.6). Cars of Periods A to F exempt if proven that original manufacturer's design is maintained and non-flammable padding is fitted.

19.2.4. Have any undertray provided with drainage holes to prevent accumulation of liquids.

19.2.5. If a closed car have:

- (a) Effective means of ventilating the passenger compartment.
- (b) Means of access on either side of the passenger compartment operable from the inside and the outside and sufficient in size to remove the occupant without impedence by door locking devices.
- (c) It is recommended to have the driver's window closed whilst racing – or that suitable netting should be installed in the window opening to act as a restraint to stop the driver's arms or head inadvertently emerging from the vehicle.

19.2.6. Other than a road going car, have bonnet security clips fitted.

Seating

19.3. Not carry anyone other than the driver.

Engine

19.4. Comply with J5.4.

Brakes

19.5. Be equipped with brakes which comply with Statutory Requirements as to the construction of Motor Vehicles, or if there is no mechanical system available for applying braking effort to at least two wheels, there must be two hydraulic systems so that, in event of failure of one system, braking is maintained on at least two wheels.

- (a) Vehicles constructed after 1930 must have brakes on all wheels.
- (b) The braking system on all vehicles must be capable of demonstrating its efficiency without impairing the driver's control when tested immediately prior to an event.

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(c) It must be possible under all conditions, running or stationary, for 25% minimum braking effort to be applied by the driver through the braking system to each axle. (Vehicle models introduced prior to 31.12.65 are exempt from this requirement.)

(d) Brake balance adjusters must not be available for adjustment during running if they contravene (c).

19.5.1. Not be fitted with Anti-Locking braking devices unless a Production Car with the device fitted as standard equipment by the manufacturer.

Steering

19.6. If fitted with a steering lock have it rendered inoperative (except for road going vehicles, driven to events).

Wheels

19.7.1. Have any spare wheels securely fastened in position (a spare wheel need not be carried unless specified in SRs).

19.7.2. Have all nuts securing road wheels, excepting those of centre-lock type, of steel and in thread contact over a minimum length of 1½ bolt/stud diameters. Extended or composite wheel bolts/studs are prohibited. Cars of periods A to D are exempt from this requirement.

Tyres

19.8. Use only tyres as specified by Tyre Regulations. Remould or retread tyres are prohibited unless listed in Section L or the vehicle was constructed prior to 1940.

Oil Systems

19.9.1. Have any oil tank which is situated outside the chassis or main structure of the vehicle, suitably covered with a protective coating (e.g. GRP). On rear engine vehicles no part of the oil tank may be located to the rear of the gearbox casing. Cars of period A to D are exempt from this requirement.

19.9.2. Have any engine oil tank breather or overflow tube venting into atmosphere, led into catch tanks which have a minimum capacity of 2 litres. For engine capacities in excess of 2 litres the catch tank capacity should be 3 litres.

19.9.3. Have catch tanks of translucent plastic or with a transparent inspection panel, capable of being readily emptied. In any parallel system of catch tanks, each tank must not be less than half the minimum required capacity. Containers of cross section of less than 46 sq cm are prohibited.

19.9.4. Positive crankcase ventilation systems breathing fluids directly into the inlet manifolds may be accepted as an alternative to catch tanks, but breather systems and catch tanks must be used in such a way as to prevent oil from spilling onto the road/track.

Fuel Systems

19.10. These must be equipped with an effective method of stopping fuel supply and operable by the Driver when normally seated. This to be combined with or located adjacent to the internal ignition cut-off switch.

Electrical Equipment, Circuit Breakers and Ignition Components

19.11.1. Vehicles must be equipped with an externally operated circuit breaker having positive ON-OFF

positions clearly marked (K.8). An external circuit breaker is not mandatory on open cars of periods A to F, but is strongly recommended. The internal ignition cut-off and fuel pump isolation system(s) must be operable by the Driver when normally seated irrespective of whether a safety harness is worn or not.

19.11.2. Not have any ignition components, coils, chokes, black boxes, located in the cockpit area in racing cars. Cars of periods A to E are exempt from this requirement.

19.11.3. With the exception of Racing Cars, Clubmans Cars, 750 Formula, Legends Cars and Period A to E, all vehicles must be equipped with a pair of brake lights equally disposed, with each light being within 300mm of the side of the vehicle and which are directly operated by the braking system without any time delay.

Clubmans Cars: Open Sports Racing Car constructed in accordance with the technical regulations published by The Clubmans Register.

Weight/Ballast

19.12. Other than Section J and Approved Formulae there are no special requirements for Weight/Ballast under Vehicle Regulations.

Silencing

19.13. Comply with Silencing Levels J.5.17. (Note possible exclusions in J.5.17.3.)

Safety

19.14.1. Be fitted with a safety roll-over bar complying with MSA requirements as specified in Section K except for vehicles of Periods A - E inclusive. It is strongly recommended that all vehicles be fitted with safety roll-over bars.

19.14.2. Be fitted with currently FIA Homologated safety harness to be worn at all times by the driver during training, practice and competition unless the vehicle was constructed in Periods A to E.

19.14.3. If fitted with lightened non-standard doors be fitted with a horizontal safety bar across the door(s) aperture below the line of the window and at a suitable height to protect the driver. This must not be integral with the door.

19.14.4. Have any forward facing lamps of more than 32 sq.cm in surface area adequately protected and secured in case of glass breakage.

19.14.5. Not pass fluids through any chassis tubes in space frame vehicles.

19.14.6. Glass sunroofs are not permitted. Sunroofs may be of a non-shattering solid material other than glass. The sunroof aperture may be closed by solid material permanently fitted in place. Exceptionally, vehicles fitted with fabric, folding type sunroofs are permitted providing that they are fitted with a full roll cage as in K.1.6.1 or K.1.6.2. Any sunroof must be firmly secured in the closed position.

19.14.7. Vehicles of Periods A-F be equipped with a fire extinguisher in accordance with K.3.1.2(b). Other vehicles to be equipped with a fire extinguisher in accordance with K.3.1.2(a).

19.14.8. A red light in compliance with K.5.1 must be fitted.

19.14.9. The Technical Regulations of any Championship or Series for any new design of Single Seater Racing Car must comply with the relevant sections of FIA, Appendix J, Article 277.

Miscellaneous

19.15.1. Be fitted with at least one mirror of minimum surface area 50sq.cm securely mounted and positioned to give a clear view to the rear. The edges of mirrors must be protected by a suitable cover to reduce the possibility of injury in the event of an accident.

19.15.2. Be presented at Scrutineering with all steering mechanism, suspension linkages and flexible brake lines in clean condition.

19.15.3. If a closed car or an open car required to run as 'road going' with a windscreen, have an operative windscreen wiper.

19.15.4. If fitted with a towing ball-hitch, have it removed when competing.

19.16. The following parts of Section K remain unmodified in this section, unless modified in the Formulae Regulations: **Suspension Transmission Cooling Exhausts.**

Formulae Regulations

These are available from the Technical Department at the MSA.

19.17. Single Seater Dimensions. See Drawing 19.17.

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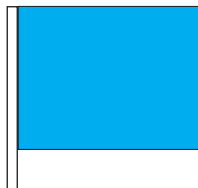
RAPTOR

(Q) Circuit Racing

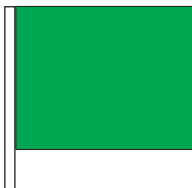
Appendix 1: Charts and Diagrams

Chart 5

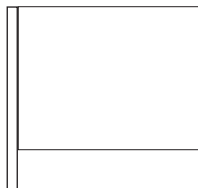
FLAG SIGNALS



Blue
Overtaking flag



Green
Road clear

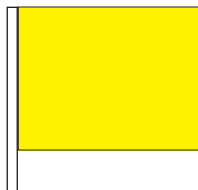


White
Service car
or
slow moving
vehicle



**Black/White
diagonal**
Warning flag

7

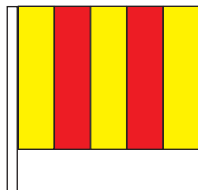


Yellow
Danger



**Black,
Orange disc**
Mechanical failure

3

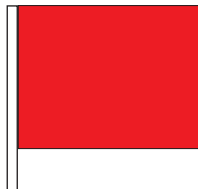


Yellow/Red
Slippery surface

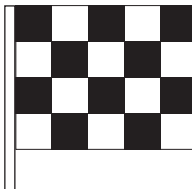


Black
Report to CofC

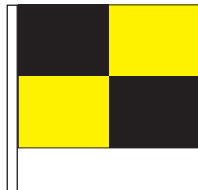
3



Red
Cease racing



**Black/White
chequered**
End of race



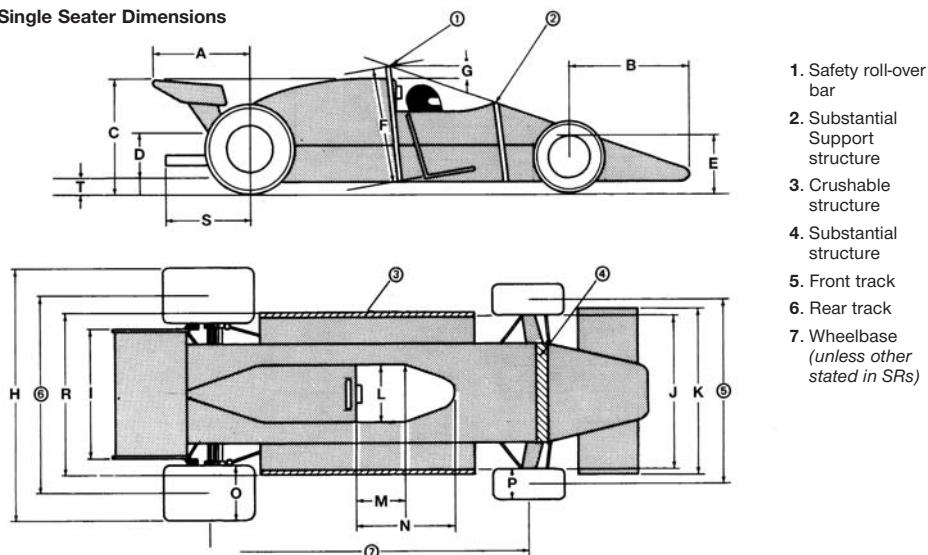
**Yellow/Black
quartered**
Slow down,
no overtaking
(karting only)



**Green,
Yellow chevron**
False start
(karting only)

Drawing number 19.17

Single Seater Dimensions



Notes: Maximum height is measured with the driver aboard.

Maximum height excludes safety roll-over bar on which there is no maximum height.

FIA substantial support structure (2) and (4) apply only to certain International Formulae

Single Seater Dimensions

All dimensions in cm

Refer to Drawing

(A)	Maximum rear overhang from rear wheel axis unless specified otherwise	100
(B)	Maximum front overhang from front wheel axis	N/A
(C)	Maximum height measured from the ground	90
(D)	Exhaust height measured from the ground	
(E)	Maximum body height in front of front wheels	
(F)	Minimum safety roll-over bar length in line with drivers spine	92
(G)	Minimum allowed helmet clearance	5
(H)	Maximum width	N/A
(I)	Maximum rear aerofoil width	95
(J)	Maximum body width behind front wheels	N/A
(K)	Maximum nose width	N/A
(L)	Minimum cockpit opening	45
(M)	Minimum cockpit parallel opening length	30
(N)	Minimum cockpit overall opening length	60
(O)	Maximum rear wheel width	N/A
(P)	Maximum front wheel width	N/A
(R)	Maximum width including crushable	N/A
(S)	Maximum exhaust length from rear wheel axis	-
(T)	Minimum ground clearance	4
(U)	Minimum wheelbase (unless stated otherwise in SRs)	183

(* Except for within 450mm rearward of the front face of the ROPS and for a maximum of 150mm either side of the centre line where bodywork may not be more than 25mm higher than the upper surface of the ROPS.)

(Q) Circuit Racing

Appendix 2: Operation of Safety Car

1.1. The Safety Car will be brought into operation to neutralise a race upon the sole decision of the Clerk of the Course. The Safety Car will be driven by an experienced circuit driver and will carry an observer capable of recognising all competing cars and who is in permanent radio contact with race control (G5.2.17).

1.2. The Safety Car, yellow/amber lights illuminated, will normally join and exit the circuit from the pit lane and the Safety Car boards will be shown initially from the start/finish line. If these locations are to be varied specific written instructions and verbal briefings will be issued detailing the exact locations to be used.

1.3. On the order from the Clerk of the Course, the Safety Car will join the circuit with its flashing lights on, regardless of where the race leader is.

1.4. When the order is given to deploy the Safety Car a waved yellow flag and "SC" board will be displayed at the start/finish line. The waved yellow flags and "SC" boards will flow around the circuit in both directions, as an adjacent post displays both their waved yellow flag and "SC" board. This system may be supplemented by a message being simultaneously broadcast to all marshals' posts if such a communication system is available.

1.5. Flashing yellow lights may also be used at the start-line and at other points around the circuit.

1.6. All competing cars, when notified of the Safety Car intervention (by the flag signals, "SC" boards, or by any other means) will reduce speed and line up behind the Safety Car, no more than 5 car lengths apart, and maintaining the same speed as it. Overtaking or overlapping of any other competing car during a Safety Car intervention is forbidden. Overtaking of a Safety Car is forbidden unless the particular competitor concerned is signalled to overtake the Safety Car by the observer in the Safety Car.

1.7. When ordered to do so by the Clerk of the Course, the observer in the Safety Car will wave past any cars between the Safety Car and the race leader. These cars will continue at reduced speed and without overtaking until they reach the line of cars behind the Safety Car.

1.8. While the safety car is in operation, competing cars may enter the pit lane, but may only rejoin the track when signalled to do so and not when the safety car and the line of cars following it are about to pass or are passing the pit exit. A car re-joining the track must proceed at an appropriate speed until it reaches the end of the line of cars behind the Safety Car.

1.9. The Safety Car will remain in operation until at least the majority of competing cars on the circuit are lined up behind it.

1.10. When the Clerk of the Course calls in the Safety Car it will extinguish the yellow/amber flashing lights prior to exiting the circuit. This would normally be such that a minimum of 25% of a lap for circuits over 2 miles and 50% of a lap for circuits under 2 miles should be completed by the Safety Car with its lights extinguished.

1.11. Following the safety car extinguishing its lights, and prior to passing the green flag, the race leader will dictate the pace and, if necessary, fall more than five

car lengths behind the Safety Car. In order to avoid the likelihood of accidents before the safety car returns to the pits, from the point at which the lights on the car are extinguished drivers must proceed at a pace which involves no erratic acceleration or braking nor any other manoeuvre which is likely to endanger other drivers or impede the restart.

1.12. As the Safety Car is approaching the pit entry, the green flag will be displayed at the start/finish line and the "SC" board withdrawn. Following this display of the start signal yellow flags and "SC" boards at the marshals posts will be withdrawn and be replaced with a waved green flag for one lap. The waved green flag will flow around the circuit in both directions, as an adjacent post displays their waved green flag. This system may be supplemented by a message being simultaneously broadcast to all marshals' posts if such a communication system is available. Overtaking remains strictly forbidden until the start signal at the start/finish line is passed.

1.13. Each lap covered while the Safety Car is in service will be counted as a race lap unless specified to the contrary in Championship regulations.

1.14. Under certain circumstances the Clerk of the Course may ask the Safety Car to use the pit lane. In this case, and provided its yellow/amber lights remain illuminated, all cars must follow it into the pit lane without overtaking. Any car entering the pit lane under these circumstances may stop at its designated garage area.

1.15. Should it be necessary to stop a race during a Safety Car deployment the Safety Car, with all competing vehicles following, will pass through the red flag at the start/finish line, complete one further lap at reduced speed and then, once the Safety Car comes to a stop at a position indicated by the Safety Car observer (which will usually be either the grid or Parc Fermé), all competing cars must stop behind it unless otherwise directed.

1.16. In exceptional circumstances the following may apply:

- (i) The race may be started behind the Safety Car. In this case its flashing yellow/amber lights will be turned on at the two-minute signal. This is the signal to the Entrants/Drivers that the race will be started behind the Safety Car and it will when signalled to do so and not when the safety car and the line of cars following it are about to will remain at the front of the grid during the remainder of the countdown. When the Green Flag is shown at the Start/Finish Line, the Safety Car will leave the grid and all cars will follow in single file in grid order no more than 5 (five) car lengths apart. The race will be deemed to have started when the Safety Car leaves the grid and the Green Flag is displayed.
- (ii) Cars will leave the grid in single file grid order behind the Safety Car under the instruction of the Chief Start/Finish Line Marshal. Cars will remain in single file without overtaking, except that a car that falls behind may regain its grid position if the cars behind it could not avoid passing without

unduly delaying the remainder of the field. In this case, Drivers may carefully overtake to re-establish their original starting grid order. If a car falls to the back of the grid, it must remain at the back of the grid.

- (iii) Any car(s) delayed leaving the grid may not overtake another moving car if stationary after the remainder of the cars had crossed the line. In this case the car(s) shall remain at the back of the grid, in the order they left the grid.
- (iv) A time penalty or Drive Through Penalty may be imposed on any Driver who, in the opinion of the Clerk of the Course, unnecessarily overtakes another Driver during these laps.

- (v) The "SC" boards and Yellow Flags will be displayed at Marshals' Signalling Posts around the circuit until the Clerk of the Course withdraws the Safety Car from use in accordance with Regulation 1.10, 1.11, and 1.12.

- (vi) All laps undertaken in this start procedure will be deemed to be counted as race laps

1.17. Any car being driven unnecessarily slowly, erratically or which is deemed potentially dangerous to other drivers at any time whilst the safety car is deployed will be reported to the Clerk of the Course. This will apply whether any such car is being driven on the track, the pit entry or the pit lane.

Officiel d'Honneur Appointments

The following have accepted the position of Officiel d'Honneur for 2015:

M F L Allison

G H Bailey

W Beattie

I D Bennie

D C Black

K N Blackburn

H T Chapell

R Cottrell

J De Garis

A Foster

T J Hassall

F R Honeywell

N S Manser

W M Patterson

P J Smith

D Staveley

Dr D B Stevens MBE

A R Temple

J B H Wood

B Wright

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Signing-On Sheets – Media	FOC available on website
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Specific Regulations for Rallying (R)



Specific Regulations for Rallying

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Regulations Applying to All Rallies

1.1. Any Competition traversing a highway in England, Wales or Scotland is subject to the provisions of the Motor Vehicles (Competitions and Trials) Regulations. Applications to run such events must be made to the RAC Competition Authorisation Office (CAO) at Motor Sports House, or in the case of Scotland to the Royal Scottish Automobile Club. Details of the authorisation procedure are available from either organisation and copies of the Regulations for England and Wales are available from the MSA (quote Statutory Instrument 1969 No. 414).

1.1.1. In addition an MSA Permit must be obtained for all events before they are run.

1.1.2. The Permit and the CAO Authorisation numbers must be shown in all Final Instructions.

1.1.3. Deleted.

1.1.4. MSA Permit applications must be made in accordance with D.4.1 prior to the CAO Authorisation being granted.

1.1.5. The Permit itself is validated only when authorisation has been granted.

1.1.6. Clubs must not allow a new Organiser to organise any event without there being strict checks by experienced people concerning compliance with these Regulations.

1.1.7. Organisers of National B and higher status events must have sufficient previous organisational experience.

National Courses

1.2. The selection of any route for a Competition is subject to MSA approval. In requesting approval a detailed itinerary must be submitted giving the exact distances to be covered. Where appropriate, The Motor Vehicles (Competitions and Trials) Regulations must be complied with in all respects.

International Courses

1.3. When the projected route of an event traverses the territory of other ASNs, the Organisers (through the MSA) must obtain the consent of all ASNs through whose territories the route may pass.

1.3.1. The selection of roads to be used, and a detailed itinerary with expected speeds and distances, must be approved by the ASN concerned.

1.3.2. The MSA may impose specific restrictions on the number or character of events that traverse any foreign territory.

Exemption of Permit Events

1.4. Certain events also qualify for a Permit or Exemption Certificate (D.4.5 or D.5.1) provided they meet the MSA Regulations for organising Rallies.

1.4.1. The use of Forest Commission property must have been approved by the MSA. Permission must be applied for by an annually specified date, prior to the Forest Enterprise year (which runs 1 January - 31 December).

Upgrading of Events

1.5. For a Rally to be considered for upgrading to National B status of a similar format, it must be observed as a Clubman event and have a minimum of 25 starters, unless special MSA dispensation has previously been agreed.

1.5.1. For upgrading to National A Stage Rally there must have been a minimum entry of 50 as a National B event of a similar format to that proposed, for two consecutive years preceding first time application. Thereafter the minimum entry must not be less than 50 in one of two consecutive years.

1.5.2. Upgrading to an International Stage Rally will be at the discretion of the MSA.

Duties and Responsibilities of Clerks of the Course

2.1. Along with duties detailed in G.5, the Clerk of the Course should ensure compliance with the following:

2.1.1. The organisation and Regulations for the event must meet the requirements of the relevant Statutory Instruments.

2.1.2. Reasonable precautions must be taken in the selection of route, time of day, control of spectators and any other relevant factors to avoid inconvenience to the general public.

2.1.3. The Organisers must familiarise themselves with the medical and ambulance facilities along the route.

2.1.4. Effective public relations work must be carried out (3.1).

2.1.5. In farming areas, event details must be sent to the appropriate County Secretary of the National Farmers' Union and any similar National bodies.

2.1.6. The appointed CAO Route Liaison Officer (RLO) for each of the Counties and National Parks through

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(R) Rallying

which the route passes must be consulted about the draft route at least three months before the event date and before submission to the CAO. This is particularly important when special public relations work in sensitive areas is required.

2.1.7. The Route Liaison Officer must also be consulted as above in respect of Single Venue Stage Rallies, and all other rallies whether using the public highway or not.

2.1.8. The RLO may:

- Request the sight of all paperwork relating to the event, including PR sheets.
- Request the CAO to suspend authorisation, or the MSA to suspend the Permit, until the route or the effectiveness of the PR work in his area has been confirmed.
- Require the Clerk of the Course to order re-routes as appropriate, to avoid areas of special concern.
- Exercise discretionary judgement on where competitive sections may be run and their length, and withhold agreement to the route if not satisfied with any aspect of the organisational standards or route planning.
- Require the Clerk of the Course to order additional technical restrictions on vehicles as appropriate in their area, with the approval of the MSA.

2.1.9. Private property of any description must not be used without written permission from the landowner or authorised agent.

2.1.10. The necessary permission from Highway Authorities must be obtained in respect of all Footpaths, Bridleways and Restricted Byways that are used or crossed, and any conditions laid down must be adhered to. In particular, these locations must be adequately marshalled by Officials who are well briefed and properly identified. One Official must be appointed for each such section to ensure that the event is seen not to inconvenience unduly members of the public. The Official must have a good working knowledge of the Rights of Way applying to the Section. Alternative routes for other Rights of Way users must be signposted. Warning Notices (D.31.1.2, D.31.1.4 and D.31.1.5) as appropriate and the Safety Code should also be on display in all such areas.

2.2. No person may drive more than 200 miles continuously without relief, and there must be a prescribed rest period of at least one hour for each Driver at intervals of not more than 200 miles.

2.2.1. Any event that runs for more than 14 hours must, unless previously agreed by the MSA, have a rest halt of at least two hours.

2.3. Wherever Competitors are on a public highway they must be controlled by a pre-determined speed schedule, unless they are allowed to complete the event in their own time.

2.3.1. This schedule must not require or encourage drivers to exceed any statutory limits where imposed, or be considered dangerous or unreasonable in regard to prevailing traffic conditions and the nature of the route.

2.3.2. No time or speed schedule must be imposed which requires or encourages competitors, while using a highway open to the public, to achieve an average speed between any two points that exceeds the following limits (33.1):

- a) 30mph for cars in the case of all highways other than motorways. For sections run on minor roads under 4m wide during daylight hours (07.00 to 22.00 hrs) the average speed may not be greater than 20mph unless agreed by the RLO.
- b) 60mph for cars in the case of motorways.
- c) 25mph in the case of any vehicle subject to a speed limit (such as vans).
- d) 20mph for cars on neutral sections (except on M, A or B class roads).
- e) In addition there must be no bonus for exceeding the specified average. Competitors must be given in advance all the information necessary to enable them to calculate the speed that they are being asked to average (11.2.1).

2.3.3. *The Organisers may establish a check at any point for the purpose of observing maintenance of a set speed and/or time schedule and/or route, provided that competitors are advised of these checks in the SRs and are given all the necessary information to enable compliance.

2.3.4. Where Competitors are going onto a highway from private ground, every practicable precaution should be taken to avoid depositing mud or soil on the highway.

2.3.5. The use of gated roads should be avoided if practicable, but if competitors are to traverse a gated road, adequate arrangements must be made to ensure that all gateways are manned by Marshals who will ensure that no competitor is required to open a gate, and that all gates are closed after the Competition.

2.3.6. Occupiers of land adjacent to the road must be advised before the Competition.

2.3.7. Except when used as special stages, the use of single track roads should be avoided if practicable during daylight, but if competitors are to traverse such roads the speed set must be lowered as appropriate.

2.3.8. Those sections of an event involving difficult navigation by means of map references or a detailed route card must be scheduled so that no competitor is traversing minor roads during the busy morning or evening hours, unless the required average speed is not more than 20mph.

2.4. Controls must be sited at places where there is adequate room for Officials' and Competitors' cars to stop without affecting non-rally traffic.

2.4.1. Controls must be sited at least 500m from occupied houses, except where written approval has been obtained from the occupants.

2.4.2. All controls must be clearly identified at the roadside (9.2).

2.4.3. Controls at which Competitors are required to stop for the purposes of recording a time, and which are on the public highway, must not be less than two miles from any similar control.

Note: Throughout these sections an asterisk(*) indicates a requirement for additional information to be printed in the Supplementary Regulations (SRs).

Text shown in Italics indicate a Regulation which may be amended in the SRs.

2.5. Competitors must be provided with all necessary regulatory information at or before their starting time.

2.5.1. Competitors must be started on the road sections of a Rally at intervals of one minute and will leave the start in numerical order, unless the SRs specify a longer time interval or a different order.

2.5.2. On Road Rallies, reverse seeding is not Permitted.

2.6. After a rally has started, the Organisers will not accept any claim from Competitors concerning either Force Majeure or baulking (24.6). Nevertheless the Clerk of the Course may exclude any Competitor proven to have unreasonably balked another.

2.6.1. Wherever possible the event route should be checked for damage immediately before and after the event.

2.6.2. Stewards or upgrading Observers should be supplied with a complete marked map of the route before the date of the event, and must also be supplied with a set of all instructions and route cards, etc that are issued to Competitors and Officials as soon as they are available.

2.6.3. Competition Licences should be signed proving that the holders completed the event without adverse report. Signatures may be obtained by both the Driver and the Navigator or Co-Driver.

2.7. The Chief Timekeeper appointed for the event is responsible for issuing timing equipment and ensuring that the Marshals are competent to use it.

2.7.1. The Chief Timekeeper must be able to deal with operational problems affecting timing equipment.

2.7.2. Any section of an event that is timed to an accuracy of less than one minute must be timed by certified equipment, digital clocks to MSA specification R(O/I),R or E/B, recording clocks printing to seconds, or automatic apparatus.

2.7.3. All Official clocks or watches must be set to GMT/BST time.

2.7.4. Any Official timepiece timing to the minute that is not within 15 seconds of GMT/BST time, or any Official timepiece timing to the second that is not within five seconds of GMT/BST time, will be disregarded.

2.8. If competing cars or service vehicles are required to carry any identification markings, the name of the organising Clubs must be incorporated, except in Single Venue Stage Rallies confined wholly to private property.

2.8.1. All Official bulletins, Permits and authorisations, times and results (unless issued in accordance with D.26.1.2) must be published on an Official Notice Board whose location has been notified to competitors (G.3.2, G.11.2.2, 6,3).

2.8.2. At events where there are Classes for designated groups or categories of car, suitable arrangements to undertake eligibility checks should be available before the Competition or at its conclusion.

2.9. All the vehicles, including Course/Safety Cars, must comply with the relevant Technical and Safety Regulations.

2.9.1. Checks may be carried out both before and during an event.

2.9.2. The Chief Scrutineer must be available

throughout the event to ensure that the Technical Regulations are complied with.

2.10. When the MSA medical and safety radio frequency (81.575MHz FM) is to be used, it must be operated in accordance with Ofcom and MSA licensing requirements (24.3.3).

Public Relations

3.1. Public Relations work must be undertaken by Organisers on all events using the Public Highway in accordance with the current legislation and as follows:

3.1.1. Consult with the Route Liaison Officers before starting PR work. If the RLO requires additional PR work in sensitive areas, this must be undertaken.

3.1.2. Be diplomatic, positive and clear about the legal aspects of route authorisation. If the event is run in England or Wales do not intimate that it is authorised by the Police.

3.1.3. Avoid asking for 'authorisation' or 'permission' from house-holders – it invites unnecessary difficulties.

3.1.4. All PR must be by responsible members of the Organising Club or of a Local Club.

3.1.5. The work should be completed to allow enough time to undertake a re-route should this prove necessary.

3.1.6. All PR letters must be checked by the RLO and must indicate who is the Organiser (with a contact address and phone number), the date of the event, in which direction it is travelling, and the approximate time of passing.

3.1.7. Special consideration should be given to householders with pets or livestock.

3.1.8. Where an Organiser is intending to publish a guide to the route or specific locations for spectators to see the event, ensure that:

- a) Householders within 500m of any specifically advised location have been effectively PR'd without difficulty and these areas are marshalled.
- b) The information issued contains warnings of locations that spectators must avoid (blackspots, sensitive areas, etc).
- c) Ensure that each PR crew prepares reports on each visit and these are available to the Clerk of the Course and the Stewards on the day of the event, and to the RLO on request. Special note must be made about problem areas for the benefit of future events, and these reports must be passed on to RLOs.
- d) Contact should be made with local Police before and immediately after all events.

3.2. Rallies with Special Stages, including Single Venue Stage Rallies must comply with Charts, Appendix 1, 3(a) and 3(b).

Sound Testing

4.1. Before the start of a Competition all Competitors' cars and those Officials' cars that are expected to follow a substantial part of the route must pass a sound test.

4.1.1. This test must be conducted by an Environmental Scrutineer using a sound meter as prescribed in the Technical Regulations (J.5.17, G.10.1 to G.11.2).

4.1.2. Any car reading over 98dB(A) in this test will be prohibited from starting, (except in Special Stage

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Rallies where a level of 100dB(A) is Permitted) unless the SRs specify lower levels.

4.1.3. All measurements refer to the 0.5m test (J.5.16). Wherever practical the 2.0m test should be used for road rallies.

4.1.4. For cars of Periods A to D there is a waiver from the requirement to use a sound meter on daytime events, but Driving Standards Observers for sound must be appointed.

4.1.5. The Organisers must make arrangements for a suitable testing site to be available and ensure that adequate personnel are appointed.

4.1.6. A further sound test of the same vehicles must be made on any road sections, and these should be manned by a Driving Standards Observer and/or Judge (37, 38, 140(i), 141(a), G.7.8, G.11.2) qualified to carry out their duties by experience.

4.1.7. The DSO have the authority to stop any car until it complies with relevant sound regulations (G.11.1).

Competitors' Regulations

5.1. Competing cars must comply with the appropriate Technical Regulations (18-20, 46-49, and Section J). Commercial vehicles are not permitted in rallies except in accordance with J.5.20.6 and where the time schedule is set to a lower average speed compliant with MV(C&T)R. (2.3.2(c)).

5.1.1. Competitors and vehicles must report for the start and for scrutineering at the times stated in the SRs or risk being excluded or forfeiting their starting position.

5.1.2. At the time of scrutineering, Entrants, Drivers and Co-Driver or Navigators must produce for approval their Competition Licence and/or Club Membership Card, the name and address of their insurers covering any part of the event on the Public Highway (D.12.3.6) and an Entrant's licence.

5.1.3. Competitors on Historic Road Rallies must also present the DVLA registration document of their vehicle as proof of its period authenticity. If the registration document is not sufficient verification, written authorisation from the MSA (or an MSA/FIA identity form) must be presented.

5.1.4. Any Competition Licence holder who Permits the unauthorised presence at any time of any vehicle on a known Special Stage or Forestry Commission Land will be excluded from the event itself and referred to the MSC National Court.

Necessary Licences

5.2. A Competitor must hold a current valid RTA licence appropriate to their vehicle in an event.

5.2.1. Both Driver and Co-Driver or Navigator must hold and produce a valid Competition Licence for those rallies specified in the 2015 Chart of Minimum Acceptable Licences as requiring a Competition Licence.

5.2.2. Competitors must hold and produce a valid Club Membership Card for all events of National B status or less.

5.2.3. If the Entrant is neither the Driver nor Co-Driver or Navigator, they must hold and produce a valid Entrant's Licence (2015 Chart of Minimum Acceptable Entrant's Licences).

5.2.4. To upgrade a Competition Licence, refer to H.15.2 or the notes accompanying the Licence application form.

Minimum Ages

5.3. Drivers must be at least 17 years old and hold a full RTA Licence for all Rallies.

5.3.1. Navigators (non-Drivers) on Rallies without Special Stages must be at least 12 years old, and 16 years old on rallies with Special Stages.

5.3.2. No person under 16 years of age may be carried during a Rally with Special Stages.

5.3.3. Exceptionally for Single Venue Stage Rallies taking place on a single venue the minimum age for the Navigator is 14 years of age.

The Crew

5.4. Those people occupying any car will be collectively referred to as its crew.

5.4.1. Each car must carry at least one Passenger (as Navigator or Co-Driver) as well as the Driver.

5.4.2. Except in accordance with official approval or instructions, the persons carried at the start must not be varied during the event.

5.4.3. Only the nominated Driver and Co-Driver listed on the Official entry form can drive during a Competition, unless the SRs specify otherwise.

5.4.4. No-one is allowed to travel other than in a proper seat.

5.4.5. No competing vehicle can carry more than one physically disabled person, whose participation must be authorised by H.12.

Numbers (J.4)

6.1. Any means of identification fixed for the Competition must be removed when a Competitor retires, is excluded from, or completes the event.

6.1.1. On Road rallies, rally plates (if required by the Organisers) must be displayed at the front or rear of the car and on, or just below, the rear nearside window.

6.1.2. For Endurance Road Rallies rally plates must be displayed at the front or rear of the car and 2 x numbers for each rear side window which shall be 15cm high with a stroke width of at least 15mm, coloured orange or yellow and may be reflective. These numbers shall be in place at the top of the rear side windows.

6.1.3. On Special Stage Rallies the organisers will specify in the SRs how competitors must display their allocated competition number as follows:

- a) In accordance with J.4 or,
- b) Front door panels must measure 67cm long by 17cm high including a 1cm white surround. This panel shall comprise of a 15cm x 15cm competition number box which shall always be at the front of the panel. When the number is greater than 99, the box width may be increased. Numerals may be reflective yellow (PMS 803) of height 14cm and stroke width 2cm on a matt black background. In addition to the above 2 x numbers for each rear side window which shall be 20cm high with a stroke width of at least

25mm, coloured yellow or orange and which may be reflective. These numbers shall be in place at the top of the rear side windows.

6.1.4. The numbers must be in position before the car is presented for scrutineering and will be subject to approval as to the position, legibility and size.

6.1.5. The timekeepers may decline to record the time of any car whose competition numbers are not readily apparent.

6.1.6. On Multi-Venue Stage Rallies rally plates must be displayed at the front and rear of the car. On Single Venue Stage Rallies front and rear plates are at the organiser's discretion.

Instructions to Competitors

6.2. Along with D.4.3 the SRs for the event must clearly state:

6.2.1. The type of Rally (Road, Navigational, Stage, etc) that is being organised, and if there will be Standard Sections, Special Stages, Regularity sections or other types of test.

6.2.2. When details of the route or any test or stage will be issued.

6.2.3. Any maps required (including their scale and issue reference) and any modification of 25.9.

6.2.4. In any dispute concerning mileages, these shall be calculated according to 1:50,000 OS maps (or equivalent local maps).

6.2.5. The type of timing to be used.

6.2.6. A reminder of which sub-sections of the Technical Regulations apply.

6.2.7. Whether or not cars are required to be taxed and insured for use on the public highway (46.1.2).

6.2.8. Whether servicing is Permitted, and if so the manner in which service vehicles will be identified.

6.2.9. Any information which is required in order to comply with 2.3.3.

6.3. No oral instruction to Competitors during an event will be valid if this affects the route, the time schedule or the layout or performance of a stage or test.

6.3.1. Any instruction concerning these aspects must be displayed as an Official notice at least 30 minutes before the first car is due to start, or issued in writing to each Competitor who must acknowledge receipt in writing (D.8.1.4, G.11.1).

Specific Regulations for Road Events

7.1. The following definitions apply:

Road Rally

7.1.1. A Rally in which Competition on the Public Highway does not qualify for an alternative category and in which marking for maintaining a time schedule forms a substantial part of the Competition.

THE ROAD TRAFFIC ACT 1988/91

From 1 July 1992, the offences of dangerous, careless and inconsiderate driving of a mechanically propelled vehicle on a road (sections 1, 2 and 3 of the Act as amended by the Road Traffic Act 1991) also apply to a public place. The extension of road traffic law to public places has important consequences for those who take part or organise events involving motor vehicles in fields, parks or other areas where the general public is admitted either free of charge or on payment of an entrance fee.

The above offences do not apply to those taking part in 'authorised' motoring events when driving in a public place other than a road, provided they are driving in accordance with the appropriate authorisation for that event. Section 13A allows for the 'disapplication of sections 1 to 3 for authorised motoring events' and provides powers for The Motor Vehicles (Off-Road Events) Regulations 1995 which introduces a system for authorising events.

The MSA is an 'Authorising Body' under these Regulations.

Copies of the Road Traffic Act 1988 and 1991 and The Motor Vehicles (Off-Road Events) Regulations 1995 are available online at www.legislation.gov.uk

Attention is drawn to MSA Regulations D4.5 and D6.

It is not illegal to organise or take part in an unauthorised motoring event in a public place, but drivers and riders should be aware that they are liable to prosecution if they drive dangerously or carelessly.

There are many kinds of motoring events. Different rules are appropriate to minimise risk to participants, spectators and other members of the public who may be present.

A precise definition of 'event' or 'public place' cannot be given. If there is any doubt organisers are advised to seek legal advice. Authorising bodies should consider whether the event requires drivers to drive dangerously. It is not the purpose of the Regulations to legitimise unnecessary dangerous driving, nor is it desirable to authorise an activity which is likely to be regarded as an event as this could give drivers a false sense of security.

It is not foreseen that courts would regard purpose built stadiums, where the public have no access to the place where the event is staged, as a public place.

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Historic Road Rally (16.4)

7.1.2. As above, but participation is limited to cars complying with the appropriate Technical Regulations for Historic Category 1, 2, 3 and 4 Road Rally Vehicles.

Navigational Rally (16.1)

7.1.3. A rally designed to test the navigational skill of the crew.

Veteran Rally (or Run)

7.1.4. A Rally or Run restricted to vehicles built before 1st January 1919.

Vintage Rally (or Run) (16.2)

7.1.5. A Rally complying with one of the above categories and restricted to vehicles built in Periods A to D. The category must be indicated in the title of the event (i.e. Vintage Twelve Car Rally, etc).

Economy Rally (16.2)

7.1.6. Designed to assess the fuel economy of Competitors' cars and in which the overall results are based on the relative fuel consumption of the vehicles.

Twelve Car Rally (16.3)

7.1.7. A Rally that complies with one of the above categories and which falls within the provisions of automatic authorisation under the Motor Vehicles (Competitions and Trials) Regulations (where applicable). The category must be indicated in the title of the event (ie Economy Twelve Car Rally, etc).

Navigational Scatter Event

7.1.8. A navigational event where there is no Competition on the public highway and which falls within the provisions of automatic authorisation under the Motor Vehicles (Competition and Trials) Regulations (where applicable).

Targa Rallies

7.1.9. Targa Rally. A schedule timed rally where the principal competition comprises the competitor's performance on Specials Tests.

All Events

7.2. Classic Trials, Road Safety Events, and any other form of event that uses the Public Highway must comply with the following:

7.2.1. They must not include any Special Stages.

7.2.2. Except for Road, Targa and Navigation Rallies, they must not include any Special Tests.

7.2.3. Competitors must not carry any form of Intercom (ie any method of voice amplification) or any radio transmitting device. Exceptionally, mobile telephones are Permitted if the SRs specifically allow them. Failure to conform will be penalised as 13(p).

7.2.4. No regular assistance organised in advance may be used by Competitors in Rallies defined in 7.1 inclusive, except when Permitted in the SRs for Vintage or Veteran events.

7.2.5. No assistance may be expected from the Organisers.

7.2.6. Competitors are responsible for ensuring that they are supplied with fuel, oil, water, etc, even though the Organisers may advise on where these supplies may be obtained.

7.2.7. A car may not be moved other than by its own power except:

a) By a ferry.

b) By outside means for a minimum distance necessary to extricate it from difficulty.

c) By gravity.

d) By its crew.

7.2.8. Competitors are strongly recommended to carry a First Aid Kit.

7.2.9. The use of in car cameras is forbidden. Organisers may not sanction, encourage or facilitate the filming of events taking part on the public highway.

Duties and Responsibilities of the Clerk of the Course (D.25.1, H.31.1.1)

8.1. Judges may be appointed to adjudicate on:

8.1.1. Failure to stop at Stop or Give Way signs.

8.1.2. Failure to comply with the requirements of a test.

8.1.3. False starts on tests or standard sections.

8.1.4. Unauthorised use of auxiliary lights.

8.1.5. Unauthorised possession of recorded notes, radio equipment or intercom (7.2.3).

8.1.6. Unauthorised servicing.

8.1.7. Excessive sound.

8.1.8. Violation of out of bounds areas.

8.2. Regional Associations must be advised by event Organisers at least two months before all Road Rallies, including Navigation and Historic Road Rallies, take place within their area.

8.2.1. Regional Associations may appoint a Driving Standards Observer (G.11.1 to G.11.2).

8.2.2. All other events may appoint their own Driving Standards Observers (G.11.1 to G.11.2).

8.3. Driving Standards Observers will adjudicate on:

8.3.1. Excessive vehicle sound including exhaust, induction and transmission sources (observed during the event).

8.3.2. Excessive speed.

8.3.3. Driving in a manner likely to bring motor sport into disrepute.

8.3.4. Compliance with special restrictions, eg Quiet Zones.

8.4. Any Competitor driving at an excessive speed, recklessly or in a manner likely to bring motor sport into disrepute, or convicted of any driving offence committed during an event, may be excluded.

8.5. Checks operated by Judges or DSOs need not be manned for the whole period during which Competitors may report and may operate on a random basis.

8.5.1. The Official in charge of any control or check may mark or withhold a Competitor's Route Card or Time Card if a vehicle has suffered damage to its exhaust system.

8.5.2. All Timekeepers will be Judges concerning time recorded.

8.5.3. For Road Rally Events (as defined by Permit), the Chief Scrutineer must be appointed from the list of MSA Technical Officials (NAT).

Route

9.1. The only route information that may be given out before the Competitors' due start time will be information regarding Quiet Zones, Black Spots, Rejoin Points and Neutral Sections. Exceptionally, for Road, or Historic Road Rallies, and only if the SRs Permit, other route information may be given in advance for those parts of the route that take place between the hours of 07.00 and 22.00.

9.1.1. The location of all Stop and Give Way junctions along the route must be issued to Competitors along with clear instructions as how they must treat them (9.1.3).

9.1.2. Organisers must identify any other junction at which Competitors are required to stop.

9.1.3. Competitors must Stop before entering any road protected by a Stop sign or a Give Way sign where that part of the event is held between 22.00 and 07.00 hrs. Failure to comply will be penalised as in 13(q), 9.1.1.

9.1.4. Exceptionally, with the specific permission of the RLO, Give Way signs in Quiet Zones may be negotiated according to the Highway Code. Any such junctions must be advised to Competitors in advance.

9.1.5. Only 1:50,000 scale OS maps may be used.

9.1.6. The only information that can be added to the OS map as sold is:

- a) Highlighting numbers, words and legends printed on the map within the confines of the outer printed grid numbers.
- b) Highlighting and repeating grid lines and numbers, and marking adjacent map numbers outside the of the outer printed grid numbers.
- c) Information provided by the Organisers of the event.

9.2. The onus of following the correct route rests with the Competitor who must visit controls and checks in the order set out in the Time Card or Route Card, unless otherwise specified.

9.2.1. Any control is considered to extend for 50m around the actual point at which Officials are making their records, unless clearly visible signs are displayed to define a different area.

9.2.2. The direction of approach to a control or check will be specified by the route information. Approaching a manned control from any other direction, or visiting a control or check more than once, will involve a penalty.

9.2.3. No private road must be used by Competitors unless specific permission to do so has been given by the Organisers.

9.3.1. Quiet Zones. Any Quiet Zone in a Standard or Regularity Section must be monitored by a Driving Standards Observer.

9.3.2. The end of a Quiet Zone should be indicated by an end of QZ Board.

Types of Section

10.1. The following terminology and restrictions apply to all Rally sections.

10.1.1. No other title or description will be valid.

10.1.2. No section will have a Flying Finish time control.

10.1.3. No section will have any award for Competitors who equal or improve upon the section time schedules

or record the fastest times or least penalties on any sections.

10.1.4. At the start of any Section or Special Test held in whole or in part on private property the organisers must provide a Medium Spill Kit.

Standard Sections

10.2. A Standard Section may not use the same stretch of road more than once, nor include any intermediate Time Controls. Where a Standard Section is timed to the second it must not:

- (i) Pass through any area that has more than 20 occupied dwellings within 300m radius of the route, unless written agreement is given by all the householders within that area and the MSA has given its permission.
- (ii) Join or cross any A-class road (except where there is a manned control at which competitors must stop at the junction) or start on or use an A-class road for more than 200m continuously.
- (iii) Start before 23.59hrs and must finish 1/2 hour before sunrise.
- (iv) Include any area or point where competitors are required to observe special restrictions as to their driving behaviour, except for observing signs warning of natural hazards. Quiet Zones or other restrictions are specifically forbidden.

10.2.1. Organisers may erect signs warning of natural hazards.

10.2.2. Standard Sections must not include any road with a 30 or 40mph limit without the express permission of the RLO.

10.2.3. Standard Sections must not require competitors to average more than 30mph.

10.2.4. If timed to less than a minute, Standard Sections must not use any private property, other than Footpaths and Bridleways and Restricted Byways, for which approval has been granted by the landowner and the Highway Authority.

Neutral Sections

10.3. A Neutral Section must be used to take competitors through a PR-sensitive or densely populated area.

10.3.1. It must be completed by Competitors without the use of auxiliary lighting, except as permitted by law in conditions of poor visibility. Organisers must remind Competitors of this requirement in their SRs.

10.3.2. Neutral Sections must not:

- a) Be timed to an accuracy of less than one minute.
- b) Permit Competitors to make up time on the public road.
- c) Have any lateness penalty applied, except for Maximum Lateness.
- d) Have an average speed of more than 20mph, except on M, A or B-class roads.

Regularity Sections

10.4. *The locations of the Start and Finish of Regularity Sections must be given to Competitors in advance.

10.4.1. Each Regularity Section must contain at least one Intermediate Time Control, the location of which must not be given to Competitors in advance.

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10.4.2. Competitors must be advised in writing before entering such a section whether they are required to stop at Intermediate Time Controls, which should be identified by a control board.

10.4.3. Adherence to the time schedule in a Regularity Section will be assessed by comparing the time of arrival at any Intermediate Time Control or the Finish Time Control with the time of arrival at the immediate preceding Time Control. Timing, whether or not the car is required to stop, will be at the moment of the car entering the Time Control area.

10.4.4. Penalties (which must be specified in the SRs) will be imposed for stopping within sight of but outside the control area of any Intermediate Time Control and the Finish Time Control.

10.4.5. Competitors will not be required to maintain an average speed in excess of 30mph.

10.4.6. May only be included in the following rallies as defined by Permit; Historic Road, Endurance Road, Navigation, Veteran, Vintage and Economy.

10.4.7. Consistency Test. May only be run under a Historic Road Rally Permit and at a venue with a current MSA Track Licence. Written MSA approval must be obtained for any Consistency Tests by submitting detailed diagrams and written explanations of their format and finishing procedures, before the event.

Transport Sections

10.5. A Transport Section is used to transport Competitors between other types of section where the route is not PR sensitive or densely populated.

10.5.1. These Sections must not be timed to an accuracy of less than one minute nor less than four miles in length and must not have any lateness penalty applied, other than for maximum lateness.

10.5.2. They must comply with 12.7.

10.5.3. If using roads where a 30mph or 40mph limit is in force, a lower average speed must be imposed depending on the proportion of restricted roads in the section.

Special Tests

10.6. Written MSA approval must be obtained for any Special Tests by submitting detailed diagrams and written explanations of their format and finishing procedures, before the event.

10.6.1. These tests must be designed so that no Competitor can be expected to exceed an average speed of 30mph (40mph for Endurance Road Rallies).

10.6.2. No benefit must accrue to any Competitor who exceeds this speed.

10.6.3. Test finishes must be arranged so that there can be no possibility of a Competitor completing a test whilst a previous Competitor blocks the Finish.

10.6.4. Flying finishes are not Permitted.

10.6.5. Vehicles must comply with 18 or 19 as appropriate or 20 for Endurance Road Rallies.

10.6.6. Passengers may not be carried in the rear seats of open cars.

Controls

11.1. Controls, checks and test sites must open at least 15 minutes before the due time of arrival of the first car, and close 30 minutes after the due time of arrival of the last car, unless the SRs specify otherwise.

11.1.1. The SRs will specify what penalties will be applied for stopping within sight of any control and for early or late arrival at any control on a Regularity Section.

11.1.2. If at any control or check due to be operated by Officials, the Officials are not present during the whole period when the competitors may report, all performances at that point will be ignored in compiling the results (except as provided for in 8.5).

11.1.3. All performances will also be ignored if a control or check is not sited at the location specified in Official documents.

11.1.4. The onus of ensuring that all the information required is clearly and legibly recorded at the appropriate time and place rests with the competitor.

11.1.5. Should any entry on a Time Card not be legible or not appear authentic, it can be considered not to have been made.

11.1.6. Organisers must refer to Marshals' check sheets in case of doubt.

11.2.1. If there is a discrepancy between the time allowance shown by the Organisers on a Time Card and that shown on any other document, the Time Card value will be taken to be correct, unless previously amended in an official bulletin.

11.2.2. It is an offence for any Competitor to continue in an event until the information required by 2.3.2 is provided.

Types of Control or Check

Route Check

11.3. An unmanned check to prove a Competitor's adherence to the correct route.

11.3.1. Proof of passage will entail the Competitor recording the symbols from a Code Board that must be placed facing oncoming Rally Cars.

11.3.2. The Code Board will be not less than 315 sq cm and will show not more than five black numbers or letters (or a combination of both up to a maximum of seven) and be the right way up on a contrasting background.

11.3.3. The size of the letters and numbers will be not less than 7.63cm with a minimum of 1.27cm stroke width.

Passage Control

11.4. A manned control established to prove a competitor's adherence to the correct route.

11.4.1. It cannot be located less than 500m from any other manned control.

11.4.2. The only requirement for a competitor is to have the Marshal's signature or stamp recorded.

Time Control

11.5. A manned control established to record the time of a competitor who must come to a stop for the purpose.

PUBLIC HIGHWAY EVENTS

All motoring competitions held on the public highway, including motorcycle events, are governed by the Motor Vehicles (Competitions and Trials) Regulations 1969 (as amended). Under this legislation the Competitions Authorisation Office, as the central body for England and Wales acts for and on behalf of the Minister responsible for Transport.

Scotland is handled in a similar fashion, albeit with a different system of processing, by RSAC Motorsport Ltd.

Although certain events are automatically authorised under the legislation, in particular events involving no more than twelve competing vehicles, or those with no set route or timing on the public highway, all organisers should ensure that they are acquainted with the terms of the legislation prior to running any event for cars or motorcycles on the public highway. The official title of the document for England and Wales is Statutory Instruments 1969 No. 414 Road Traffic as amended and are available online at www.legislation.gov.uk.

The organiser of any event which requires Authorisation under the legislation must make an application to the relevant office between two and six months before the planned date of the event, on an official application form (Form E404) which must be accompanied by duplicate tracings, or emailed in a digital format, taken from the current 1:50,000 scale O.S. maps in the case of England and Wales, showing the public highway route and detailing the control points and time schedule planned for the event. The minimum period of two months has to be rigorously enforced.

On receipt, applications are checked for compliance with the legislation and also with a rationing system which is designed to limit the number of events using a particular section of road in a given period. A certain level of public relations work is required as a condition of the Authorisation being issued, this being designed to limit the impact of events on local residents.

The controlling body sends the details of acceptable events to the Police Forces and National Parks involved with the route and will require action to be taken by organisers in response to any observations they may make about the event.

Organisers are also required to contact local representatives, the Route Liaison Officers, and gain their approval for the planned event. Before the granting of the actual Authorisation (Form E406) a fee will be required, as the departments are designed to be self-financing rather than drain on central Government finances. Events are Authorised for a fixed maximum number of starters, using a quoted mileage of previously advised route on the public highway.

When the Royal Automobile Club was originally appointed as the sole authorising body for the system of statutory control, it was understood that they would be acting for this purpose independently to their other interests and would necessarily be required to deal on a non-discriminatory basis with applications, whether from recognised clubs, clubs not recognised or individuals. Any additional controls which for their own purposes they might wish to exercise in regard to their clubs would evidently have to be kept separate from the statutory control system itself.

The General Regulations of the MSA are not taken into account by the CAO, therefore the fact that CAO Authorisation has been issued for an event does not necessarily mean that the event complies with MSA General Regulations.

For application forms, details of fees and any further information:

England and Wales

Competition Authorisation Office
Motor Sports House
Colnbrook SL3 0HG
Tel: 01753 765000
Fax: 01753 682938
www.msauk.org

Scotland

RSAC Motorsport Ltd
PO Box 3333
Glasgow G20 2AX
Tel: 0141 946 5045
Fax: 0141 946 5045
www.rsacmotorsport.co.uk
email: jcl@rsacmotorsport.co.uk

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11.5.1. It can additionally record the direction of approach and departure of the competitor.

11.5.2. The only other information permitted to be recorded by the Marshal is the authentication of the records held by the competitor.

11.5.3. These records, to be valid, must be signed by the Marshal with the Competitor not being required to make any entry on the Time Card.

Main Time Control

11.6. Organisers may designate certain Time Controls (11.5), such as Start Controls and Restart Controls, as Main Time Controls (MTCs).

11.6.1. Competitors failing to visit or reporting outside their maximum lateness at MTCs will be considered to have retired.

11.6.2. Early or late arrival or departure will be penalised in accordance with 13(e) or (f).

11.6.3. An example of all Official boards must be on display at documentation for the event.

Timing

12.1. All sections must be timed according to the requirements of Scheduled Time by watches that read to correct GMT/BST time of day.

12.1.1. An MSA or Regional Association approved Rally Timekeeper must be appointed as a Chief Timekeeper for any road event where timing is to an accuracy of less than one minute.

Definitions for Scheduled Timing

12.2. *Standard Time* is the time of day a notional Competitor number zero would be due at any control or check.

12.2.1. *Scheduled Time* is the actual time of day each Competitor is required to be at any specific point.

12.2.2. Scheduled Time can be calculated for any point by taking a Competitor's Competition number, multiplying by the time interval between Competitors at the start, and adding the result to the standard time at that point.

12.2.3. *Delay Allowance* is an allowance free of penalty granted to specific Competitors following a delay under the instructions of an authorised Official of the event. Any Delay Allowance must be recorded in writing on the Competitor's time card by that Official.

12.2.4. *Due Time* is the time a Competitor is due at any control or check inclusive of any previous lateness.

12.2.5. *Penalised Time* is the difference between Due Time and an earlier or later arrival time.

12.2.6. *Penalty Free Lateness* allows a Competitor late at one control to be an equivalent amount late at a succeeding control without incurring further penalty.

12.2.7. *Outside Total Lateness (OTL)* is the point where a Competitor is considered not to have visited a control or check being more than 30 minutes past the Scheduled Time (including any delay allowance), unless the SRs specify a different period.

12.3. The time of arrival at or departure from a control other than intermediate and final controls of Regularity Sections (where 10.4 apply), will be the time at which

the Time Card is presented by the Competitor concerned, providing all crew members and cars are within the control area.

12.4. Exceptions to 12.3 are:

12.4.1. In the event of a competing car obstructing other Competitors through being halted or unduly slowed down near a control, the Officials may instruct the Driver to proceed and may then record the time as the time when this instruction is given.

12.4.2. In the event of a Competitor presenting a Time Card to Officials at a time when the car is outside the control area, the Officials have discretion as to whether or not to make a record on the Time Card.

12.4.3. The onus of presenting the Time Card rests with the Competitor.

12.5. The time of reporting at controls will be recorded to the preceding whole minute when penalties are imposed per minute (for example nine minutes 59 seconds will be recorded as nine minutes.)

12.5.1. When a penalty is imposed for timekeeping error of less than one minute, the time will be recorded to the preceding second.

12.5.2. Where a control at the end of a section timed to the second also forms the start of a section timed to the minute, the time of departure will be considered as being the same as arrival, but ignoring any seconds.

12.6. The Organisers can require any Competitor who is late to reduce their lateness by either foregoing or reducing any period of time provided for remaining at a control or official halt.

12.6.1. Competitors may themselves reduce lateness without penalty in the following ways, providing the Section is not defined as Neutral (10.3) and unless either forbidden to do so by the SRs or if by so doing they commit a breach of 12.7.

- a) By reporting at any control following one at which a penalty was applied for lateness at any time not earlier than Scheduled Time.
- b) By missing a Control or Controls. The Competitor will be penalised in accordance with 13(a) or 13(b) for every control missed. On rejoining the route at a control at the end of Standard Section, the Competitor will be permitted to restart without further penalty at any time between their original Scheduled Time and their Maximum Permitted Lateness in relation to their original Scheduled Time. If the rejoining control is at the end of a Neutral Section, and the Competitor has missed the control at the beginning of a Neutral Section, they will only be Permitted to restart without further penalty at their Official corrected time based on the time of arrival at the last control visited within maximum lateness.
- c) If the need arises for an Organiser to extend Maximum Permitted Lateness, this can only be done at a point on the route at which Competitors are required to report to avoid exclusion. Maximum Permitted Lateness can then only be extended for the following part of the route and cannot be applied retrospectively for earlier sections.

These provisions are subject to standard condition 4 of the Motor Vehicles (Competitions and Trials) Regulations where applicable.

12.6.2. No Penalty Free Lateness or official delay allowance that has been either reduced or foregone as Permitted by 12.6 can be reclaimed. However, this does not exclude fresh claims based on new circumstances.

12.7. A Competitor found to have traversed a distance greater than four miles between two consecutive time controls in less than three-quarters of the time specified by the Official time schedule will be penalised in accordance with 13(l). In calculating the penalty, any fraction of minute will be ignored. The $\frac{3}{4}$ rule does not apply to sections of less than 8 minutes scheduled duration.

This does not preclude the organisers providing specific sections for time recovery.

For example:

12.7.1. In a nine minute section, a penalty is imposed if a Competitor completes a section in less than six minutes.

12.7.2. In a 10 minute section – seven minutes.

12.7.3. In an 11 minute section – eight minutes.

12.7.4. In a 12 minute section – nine minutes.

12.8. Times will be recorded to whole minutes unless the SRs state otherwise.

12.8.1. Any portions of the event to be timed to seconds will be clearly indicated in the Route or Time Cards.

12.8.2. Any timing to an accuracy of less than one minute will be recorded on equipment as detailed in 2.7.

12.8.3. Competitors will be timed by the Official timepieces in the charge of Officials, unless the SRs state that watches carried by the Competitors can be used.

12.9. *If Competitor's own watches are used, they must be of a size and type to enable the dial to be read clearly and must be sealed.

12.9.1. The requirements for sealing watches must be stated in the SRs.

12.9.2. The Organisers may reject any watch that cannot be satisfactorily sealed or read.

12.9.3. If any sealed watch varies from official time by more than one minute, the competitor concerned will be timed by Official clocks from then on, unless the SRs make provision for the replacement or re-setting of the watch concerned.

Penalties

13. See Appendix 1, Chart 13.

Documentation

14.1. All documentation issued by the Organisers have the same force as the SRs. Along with the requirements of D.8.1, the Route Card or Time Card must specify the following:

14.1.1. A description of each section (Standard, Neutral, Transport, Regularity, etc) (10).

14.1.2. The time allowed to traverse the route between each time control, and all the information necessary to enable Competitors to comply with 2.3.2.

14.1.3. What information the Organisers require to be recorded and the places at which these records will be made (11), except as provided for in 2.3.3.

14.1.4. Which checks will be manned by Officials, except checks established in accordance with 2.3.3.

14.1.5. Which portions of the route will be timed to an accuracy of less than one minute.

14.1.6. Any 'out of bounds' areas to be respected.

14.1.7. The areas where the Organisers require Competitors to observe special driving restrictions (ie Quiet Zones, etc).

14.1.8. The order in which controls and checks must be visited.

Results

15.1. To be classified as a finisher, a Competitor must report to all Main Time Controls and, unless otherwise stated in the SRs, at least two-thirds of the controls listed in the Route Card or Time Card.

15.1.1. They must also report to the final control, if not an MTC, within the maximum lateness specified, with the same crew in the same car in which they started.

15.1.2. Competitors at the conclusion of their competition must sign a declaration to the effect that they have not been involved in any incident that may have caused damage to persons or property, or alternatively give details of any such incident. Non-compliance will be penalised in accordance with 13(q) and must be reported to the MSA for further disciplinary action.

15.1.3. Competitors who retire will be required to submit a form to the Secretary of the Meeting within 72 hours of the event. Failure to return a form may result in a fine of up to £100.

15.1.4. Vehicle damage in relation to 13(q) will be considered as being any tear or indentation exceeding 50mm in depth occurring to the external surfaces of the coachwork or its accessories (excluding windscreens, windows, lamps, and bumpers) above the horizontal plane at the wheel centre.

15.2. Competitors will start with zero fails and/or marks. Classification will be made from competitors who have incurred the least number of fails.

15.2.1. Competitors who have incurred an equal number of fails will be classified by reference to total marks lost.

15.2.2. In the event of a tie, the competitor who has completed the greater portion of the competition from the Start, including tests (if any), without penalty (or if both incurred penalty at the same point, with the lesser penalty) will be judged the winner, unless another method of resolving ties is specified in the SRs.

Additional Regulations for Specified Types of Event

16. Certain types of event are granted certain waivers (16.2.3) from the requirements of 3 as follows:

Navigational Rallies

16.1. These must comply with the following in addition to the above:

16.1.1. Classes must be based on the ability of Competitors: for example, masters, experts, non-experts and novices.

16.1.2. They must not include any vehicle Classes, whether by capacity or by group.

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16.1.3. Only the following information may be issued to a competitor before their due start time;

Rejoin Points, Main Time Controls, Blackspots and the location of the Finish.

16.1.4. Information in a sealed opaque envelope is not considered as issued until the envelope is opened.

16.1.5. With the exception of Novice Crews (as defined in SRs), no more than 15% of the Time Controls may be issued to competitors as Rejoin Points.

16.1.6. Rejoin Points may only be located at the end of Neutral Sections.

16.1.7. Cars must comply with 18.3.3., 18.5 and 18.6.

Economy or Vintage Rallies

16.2. These must comply with the following:

16.2.1. Penalties for both early or late arrival must be imposed at all controls. These penalties must be at least as great for early arrival as late arrival.

16.2.2. Other than for Regularity Sections and Special Tests they must not have any section timed to an accuracy of less than one minute.

16.2.3. Subject to compliance with the above, Economy, Navigational or Vintage Rallies will be required to carry out Public Relations work in accordance with 3.

Twelve Car Rallies

16.3. These must comply with the following:

16.3.1. They must be run according to the requirements of an Economy, Navigational or Vintage Rally, and be described in this way in the Supplementary Regulations.

16.3.2. Any section defined as Standard (10.2) may not be timed to an accuracy of less than one minute.

16.3.3. They must not form part of any championship other than one restricted to bona fide members of the organising Club.

16.3.4. A Route Liaison Officer must be consulted. If the RLO requires additional PR work in sensitive areas this must be completed to their satisfaction.

16.3.5. They must not be scheduled to run between 18.00 hours on a Saturday and 07.00 hours on a Sunday, unless written permission has been given by the RLO and advised to the MSA.

16.3.6. They should normally be run mid-week and in the early evening.

16.3.7. Twelve car rallies that do not meet these requirements are not permitted.

Historic Road Rallies

16.4. These must comply with the following:

16.4.1. Classes must be based on the ability of Competitors (masters, experts, non-experts, and novices).

16.4.2. Additionally it is permitted to sub-divide these Classes by vehicle cubic capacity and/or age.

16.4.4. PR work in accordance with 3.1 must be carried out.

16.4.5. Written MSA approval must be obtained for any special tests. Detailed diagrams and written explanations of their format and finishing procedures must be submitted. These tests must be designed so that no competitor can be expected to exceed an average speed of 30mph. No benefit should accrue to any competitor who exceeds 30mph. Test finishes must be arranged in such a way that there can be no possibility of a competitor completing a test whilst a previous competitor blocks the Finish area.

*Navigational Scatter Events

16.5. These must comply with the following:

16.5.1. They must only be open to members of the organising Club and not more than eight invited Clubs.

16.5.2. The SRs should clearly define the nature of the event and specify all navigational equipment required.

16.5.3. An estimate of the mileage likely to be covered should be included in the SRs.

16.5.4. The points to be visited must be placed so that there is no single obvious route.

16.5.5. Competitors should have a completely random choice concerning order of visit and must not be required to visit more than 75% of the points listed.

16.5.6. They must be planned in such a way that the Competitors have ample time to attempt to visit the required number of points.

16.5.7. The majority of the points should not be readily accessible without leaving the car. The car should be an incidental means of transport between the various points.

16.5.8. There should be no element of timing on the Public Highway, although Competitors may be required to finish by a specified time.

16.5.9. PR work must be carried out according to 3.1.

Targa Rallies

16.6. Targa Rallies must comply with the following:

16.6.1. Not include any Standard Sections.

16.6.2. Regularity Sections may be included.

16.6.3. Classes must be based on the ability of Competitors (masters, experts, non-experts, and novices), and may be sub-divided by vehicle cubic capacity and/or age.

16.6.4. Special Tests must comply with 10.6.

Exemption of Permit Events

Road Safety Events

17.1. These must comply with the following:

17.1.1. They should not have a route which exceeds 150 miles on the Public Highway, except in special circumstances.

17.1.2. The marking system on the road section must only be in respect of observance of the law or the Highway Code.

17.1.3. They should not have any timing on the road sections other than that necessary to determine the duration of the Competition.

17.1.4. If any tests of driving ability are included, they should not exceed 100m in length.

17.1.5. If timed tests are included, the speed of the vehicles must not be the sole determining factor, and at least an equal number of untimed tests must also be included.

17.1.6. All tests, whether timed or untimed, should include an element of manoeuvring skill or judgement on the part of the driver in addition to testing the capabilities of the vehicle.

17.1.7. The title of the event must clearly indicate its connection with road safety.

Treasure Hunts

17.2. These must comply with the following:

17.2.1. No merit must attach to being the first to arrive at the Finish or at any other point.

17.2.2. Competitors must not be required to arrive at any point other than the Finish at or by a specific time.

17.2.3. Where an overall time limit is set for the event, it must be possible to win without exceeding an average speed of 10mph from Start to Finish.

17.2.4. Competitors must not be required to travel more than 100 miles on a highway, or to perform any task or solve any problem that is likely to inconvenience or offend any one not taking part in the event.

Veteran Car Rallies (or Runs)

17.3. These must comply with the following:

17.3.1. If they are run in accordance with 17.3.2 and 17.3.4, it will be exempt from the PR requirements of 4 and Public Relations work need only be undertaken by prominent advertising in the area of the route.

17.3.2. They must allow Competitors to set their own average speeds subject to a maximum average of 24mph between Start and Finish (or Rest Halt).

17.3.3. They must have no intermediate timing points between the Start and Finish (or Rest Halt) and must have only passage controls along their route.

17.3.4. Competitors' route instructions should be given in the form of descriptive notes only.

Economy Runs

17.4. If held on or using private land, Economy Runs must obtain MSA permission before any public announcement is made.

Technical Regulations

18. In addition to complying with Section J all cars competing in Road Rallies must comply with the appropriate part of the following:

Body

18.1. Bodywork must represent the manufacturer's original profile and may include any optional extras available directly from the manufacturer.

18.1.1. Bumpers must be fitted.

18.1.2. Paintwork must be one colour or manufacturer's original colour scheme. No primer is to be visible.

18.1.3. Vehicles must not have wheel arch extensions, unless fitted by the manufacturer as a standard item to the body shape.

18.1.4. All major internal trim as fitted to the body type by its original manufacturer when offering it for sale

must be retained. This trim will include headlinings, inside door panels, carpets and rear seats.

18.1.5. Front seats may be improved or replaced.

18.1.6. The trim, including the rear seat may be cut to allow the fitting of a safety cage.

18.1.7. If equipped with a non standard fuel tank it must be separated from the driver/passenger compartment by a protective bulkhead of non-flammable material preventing the passage of fluid or flame.

18.1.8. Full harness seat belts may be fitted.

18.1.9. Guards may be fitted beneath the vehicle to provide protection from damage.

Engines and Transmissions

18.2. Vehicle engines must have:

18.2.1. A maximum of four cylinders.

18.2.2. A maximum of two carburettor chokes (two single or one double).

18.2.3. A maximum of one camshaft per bank of cylinders.

18.2.4. Engines with more than one camshaft per bank of cylinders may be used providing that they were originally fitted with fuel injection and that the fuel injection system complete with plenum chamber and throttle body is retained unmodified.

18.2.5. For diesel and petrol engines under 1500cc actual capacity, forced induction is permitted providing that the complete original induction system is retained unmodified, other than the replacement of the air filter element.

18.3.1. Fuel injection may be fitted where it was standard equipment by the manufacturer for that engine type and where the original plenum chamber and throttle body is retained for that engine type.

18.3.2. A standard Wankel unit will be considered as three cylinders – twin Wankel units are prohibited.

18.3.3. Engines must comply with the silencing levels G.11.1, J.5.17 and 4.1 and have induction air filter elements fitted that ensure the vehicle complies with noise regulations J.5.17.

18.3.4. Only H shift pattern manual transmissions are permitted. The gear lever must remain the only means of changing gear unless an alternative method was originally fitted by the vehicle manufacturer as standard. Automatic transmissions are permitted provided that they are in their original configuration as fitted by the manufacturer to that specific vehicle model.

18.3.5. The number and location of the driven wheels must remain as original to the model of car.

Wheels and Tyres

18.4. Wheels and tyres are free but must fit within the standard unmodified wheel arch.

18.4.1. Vehicles must be fitted with tyres that are always legal for use on the public highway.

18.4.2. All moulded slick tyres are prohibited including those listed as FIA Approved Moulded Slick Tyres.

18.4.3. Vehicles must have all spare wheels securely fastened in position and must not be fitted with spiked or studded tyres or any non-skid attachments, other than chains if permitted by SRs.

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Electrical Systems

18.5. Vehicles must have a maximum of four forward facing beams, as well as side and indicator lights, unless further restrictions are specified in SRs.

18.5.1. Light pods are not permitted.

18.5.2. A headlamp must provide the main beam and dipped beam functions.

18.5.3. An auxiliary lamp provides a beam other than that provided by the headlamp. With the exception of cars built before 1st January 1947 the maximum width of the lamp body of any auxiliary lamp must not exceed 222mm.

18.5.4. A headlamp may consist of a single reflector with a dual filament bulb, or separate reflectors each with single filament bulbs providing the functions of main beam and dipped beam separately. This will be considered as equivalent to a single dual filament headlamp unit. Lamp units comprising two reflectors where one is fitted with a dual filament bulb will be considered as a combined headlamp and auxiliary lamp. In this instance therefore no additional auxiliary lamps may be fitted.

18.5.5. Auxiliary lamps unless fitted as standard equipment using gas discharge or LED technology are not permitted and gas discharge or LED headlamp units may not be retro fitted.

18.5.6. Auxiliary lights must not be used in neutral sections except in poor visibility as permitted by law.

18.5.7. Where more than four beams are fitted as standard, only four may be used and the remainder must be rendered unusable for the duration of the event.

18.5.8. Vehicles must have all lights fitted and used according to motor vehicle lighting regulations.

18.5.9. External navigational or Marshal lights are not permitted.

Miscellaneous

The vehicle must be currently registered and taxed as a Private Car and comply with all statutory regulations as to the Construction and Use regulations (especially regarding brakes, lighting, tyres, warning devices, rear view mirrors, silencers, speedometers, wings and windscreens).

18.6.1. Vehicles may not use racing style numbers, nor have any advertising except for event sponsor decals which must be incorporated within the rally plate.

18.6.2. They should be equipped with an effective method of stopping fuel supply, operable by the Driver when normally seated (the ignition switch would normally cover this requirement) and must use pump fuel as defined in Nomenclature and Definitions.

18.6.3. Brakes are free but must comply with Construction and Use Regulations. A hydraulic handbrake is permitted. This must incorporate the existing manufacturers handbrake lever, mounting position and pivot point.

18.6.4. For all road events, the use of global positioning systems or any other type of position determining device is prohibited and will be penalised in accordance with 13(p). Exceptionally, the SRs for Navigation Rallies and Navigational Scatters may Permit their use.

18.6.5. Where an event includes any Section or Special Test held wholly or in part on private property all vehicles must carry a Small Spill Kit complying with J5.20.13. Recommended for events held wholly on the public highway.

18.6.6. For Road Rallies, Navigation Rallies and Targa Rallies held between 07.00 and 22.00hrs 18.1.2, 18.5, 18.5.1, and 18.5.9 do not apply. 18.6.1 is relaxed to permit advertising not exceeding 1250 sq cm in total.

Historic Road Rally Cars

19.1. *Historic Road Rally Cars are categorised in the following periods:*

19.1.1. *Historic Category 1 Road Rally Cars* must have been registered before 1 January 1968 and comply with 18.1.1 (except Sports Cars which need not be fitted with bumpers), 18.1.6, 18.3.3, 18.4, 18.5, 18.6 and 19.5.

19.1.2. *Historic Category 2 Road Rally Car* must have been registered between 1 January 1968 and 31 December 1974 and comply with 18.1 to 18.6 inclusive (see also 19.5).

19.1.3. *Historic Category 3 Road Rally Cars* must have been registered between 1 January 1975 and 31 December 1981, comply with their FIA Group 1 or 3 homologation papers, and comply with 18.1 to 18.6 inclusive (see also 19.5).

19.1.4. *Historic Category 2 and 3 Road Rally Cars* are permitted to use matt black bonnets and wing tops subject to 19.3.

19.1.5. *Historic Category 4 Road Rally Cars* must have been registered between 1 January 1982 and 31 December 1985, comply with their FIA Group A or N homologation papers, and comply with 18.1 to 18.6 inclusive (see also 19.5).

19.1.6. FIA Appendix K to the International Sporting Code: Historic Road Rally Cars fully compliant with the current FIA Appendix K. Cars must have been issued with a valid FIA Historic Technical Passport (HTP) or Historic Regularity Car Pass (HRCP), be in compliance with this document and the current FIA Appendix K at all times.

19.2. Cars in categories 1, 2, 3 and 4 registered after the appropriate date may be Permitted, provided that documentary evidence is submitted to the MSA to show that the specific car (not model) was manufactured within the specified period.

19.2.1. This evidence should include any technical Documentation supplied by the manufacturer, documents relative to the vehicle, information available concerning chassis and engine numbers and similar details from reliable and authenticated sources. On receipt of satisfactory evidence the MSA will issue a Historic Rally Vehicle Identity Form (HRVIF) which must be presented at scrutineering with the registration document.

Permitted Modifications

19.3. Only period modifications used in rallying on the particular make and model of car are Permitted for Historic Road Rally Cars.

19.3.1. Modifications are only allowed if they were available before 1 January 1968 in the case of Historic Category 1 Road Rally Cars, before 1 January 1975 in the case of Historic Category 2 Road Rally Cars, and only homologated modifications before 31 December

1981 in the case of Historic Category 3 Road Rally Cars or 31st December 1985 in the case of Historic Category 4 Road Rally Cars.

19.3.2. Roof vents are only permitted subject to the above.

Recommended Classes

19.4. Along with the mandatory requirements of 21.5(a), classes can be introduced based on capacity and/or age of vehicle.

19.4.1. It is recommended that they be the same as for Historic Stage Rallies.

19.5. Certain waivers may be available for cars entered in Historic Road Rallies run solely for vehicles manufactured before 1 January 1942.

19.5.1. The MSA may also grant discretionary waivers for Historic Category 2, 3 and 4 Road Rally Cars in respect of 18.2.

19.5.2. Application for these waivers should be made to the MSA regarding a specific event, giving full details of the waivers sought.

19.5.3. Any such waivers will be exclusive to an individual Motor Club and a nominated event.

19.5.4. Exceptionally, the MSA may grant a written dispensation to use non-original parts, parts from a different model, or parts from a later period, provided that the use of these parts does not confer an advantage in either performance or reliability. The MSA will give consideration to written requests from Competitors who are unable to source vital components.

Engine

19.6. Forced induction is Permitted if by means of a mechanically driven supercharger, or by an exhaust driven turbocharger if fitted as original equipment by the vehicle manufacturer.

19.6.1. Such cars will be classified as having an engine capacity increased by one third.

19.6.2. Induction air filter elements must be fitted that ensure the vehicle complies with noise regulations J.5.17.

19.6.3. Exceptionally, and with the permission of the Chief Scrutineer, those cars for which 5,000rpm is inappropriate may be tested at 3/4 of maximum rpm.

Wheels, Tyres and Brakes

19.7. Vehicles must always be fitted with tyres that are legal for use on the public highway.

19.7.1. The size of the wheel may not differ from that originally fitted by more than 10% on nominal diameter, and by 1 inch (25.4mm) on nominal width. The resultant track measurement must not differ from the original by more than 1 inch.

19.7.2. Rims must not exceed 6 inches.

19.7.3. The minimum diameter permitted is 15 inches, unless a smaller diameter was fitted as original equipment.

19.7.4. The tyre section, as marked on the side wall in millimetres or inches, must not differ by more than 1 inch (25.4mm) from that originally fitted.

19.7.5. The fitting of tyres with an aspect ratio of less than 65% is prohibited.

19.7.6. The fitting of a dual master cylinder, or any other type of device providing a simultaneous action on all four wheels and divided action on two wheels, is permitted, provided the original brake pedal and pivot point are used and they cannot be adjusted to affect brake balance by either the Driver or the Co-Driver when normally seated in the car. Hydraulic handbrakes are not permitted.

Miscellaneous

19.8. Vehicles must not use racing style numbers, nor carry advertising other than event sponsor decals. Pump fuel must be used as defined in Nomenclature and Definitions.

19.8.1. Where an event includes any Section or Special Test held wholly or in part on private property all vehicles must carry a Small Spill Kit complying with J5.20.13. Recommended for events held wholly on the public highway.

Endurance Road Rally

20.1. These vehicles must comply with 18.1 to 18.6 and the following:

20.1.1. Standard production specification engines limited to 1400cc naturally aspirated petrol, 2000cc naturally aspirated diesel, and 1400cc forced induction diesels are permitted.

20.1.2. The exhaust system is free but must retain the original exhaust manifold.

20.1.3. Where originally fitted with a catalytic converter, the standard part must be retained.

20.1.4. The transmission must be as originally fitted to the model of vehicle.

20.1.5. Any changes to the gearbox or final drive are prohibited.

20.1.6. The suspension type and mountings must remain the same as that fitted by the manufacturer.

20.1.7. The shock absorbers may be of any make and may be updated from standard.

20.1.8. Adjustable spring platform struts are permitted. The mounting method and position must remain as specified by the manufacturer.

20.1.9. Springs are free but must retain their original location.

20.1.10. Bushes may be changed for similar polymer materials, but rose-joints or similar metal joints are prohibited.

20.1.11. Vehicles must be fitted with rollover protection to Section K, Appendix 2, Drawing 1 and seat belts to K.2.1.2 point. Sun roofs must either be fitted with safety film to J.5.20.8 or comply with Q.19.14.6.

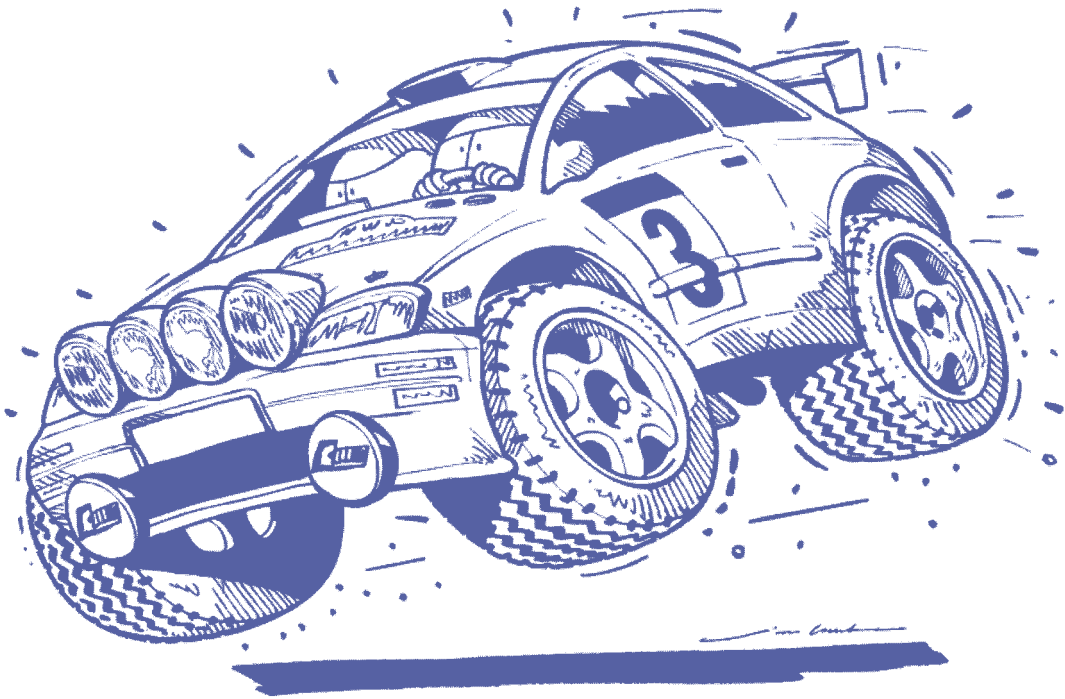
20.1.12. Brake fluid, pads and linings, and stone protection are free.

20.1.13. For daylight Endurance Road Rallies it is Permitted to fit a sunstrip of no more than 90mm deep which may display the manufacturer's make or model, or the name of the event, or a recognised Motor Club, or a registered national charity, provided that this does not affect the Driver's view.

20.1.14. Must use tyres from Tyre List IV.

20.1.15. All vehicles must carry a Small Spill Kit complying with J5.20.13.

ATTENTION!



Rally cars move quickly and may:

- Run wide on corners
- Cut across corners
- Leave the road
- Throw up stones
- Do what you least expect

MSA
MOTOR SPORTS
ASSOCIATION
UNITED KINGDOM

Enjoy rallying...but TAKE CARE!

Specific Regulations for Special Stage Rallies

21. In addition to 1 to 6, the following Regulations are applicable to Special Stage Rallies.

Definitions

Special Stage Rally

22.1. A Rally containing Special Stages joined by linking sections that may use the Public Highway.

Special Stage

22.2. A section of a Rally on roads or land for which the event has exclusive access, or on public roads closed by Government legislation specifically permitting closure for motor sporting purposes, where the marking for maintaining a time schedule forms a part of the Competition.

Single Venue Stage Rally

22.3. A Special Stage Rally which uses parts of stages more than four times during any day of the event.

Historic Special Stage Rally

22.4. As 22.1 and 22.3 above, but participation is limited to cars complying with the appropriate Technical Regulations for Historic or Post-Historic Special Stage Rally Vehicles.

Rally Time Trial (44)

22.5. A Single Venue Stage Rally run over a Stage not greater than 4 miles in length.

Duties and Responsibilities of the Clerk of the Course

23.1. For all Special Stage Rallies the Clerk of the Course must be licensed by the MSA (G24).

23.1.1. Applicants will only be considered if they have been appointed by an organising club entitled to run such events.

24.1. The Clerk of the Course must ensure compliance with the following:

24.1.1. The use of Forestry Commission property must have been approved by the MSA. Permission must be applied for by an annually specified date, prior to the Forest Enterprise year (which runs 1 January to 31 December).

24.1.2. No contact should be made with Forest Enterprise before receiving approval from the MSA or its appointed Forestry Liaison Officer.

24.1.3. All other motor sporting users of venues to be used as special stages must be notified of arrangements for using the venue.

24.1.4. Competitors must be seeded numerically in order of anticipated performance, with the first competitor having the best performance potential, unless the MSA has given prior approval to the contrary.

24.1.5. The Chief Scrutineer must be appointed from the list of MSA Technical Officials.

24.2.1. A Stage Commander should be appointed for every stage, with the responsibility for ensuring that the stage complies with the regulations and that an adequate number of marshals are appointed.

24.2.2. Marshal locations should be selected so as not to place them in areas where they may be exposed to significant risk.

24.2.3. In allocating individual Marshals to specific locations, care should be taken to ensure that less experienced Marshals are accompanied by experienced colleagues.

24.3.1. An Event Safety Officer must be appointed, who is experienced in the current operation of special stages and who understands the potential of Rally cars in differing weather conditions.

24.3.2. The Event Safety Officer must be assisted by a Spectator Safety Officer who is responsible for specific arrangements to accommodate spectators in suitable areas, to prevent their accessing other areas and to make suitable access facilities for spectators' use.

24.3.3. The Event Safety Officer is responsible for ensuring that there are effective arrangements to supplement the general marshalling strength organised by the Stage Commander as follows:

- a) There must be pre-determined arrangements available to every Stage Commander for summoning appropriate emergency services, via rendezvous points if necessary, to the scene of an incident.
- b) At each stage, unless the complete route is visible from the Start or Finish areas, there must be provision of an effective radio communications network, operated through a nominated Controller under the direction of the Clerk of the Course, linking Officials at Start, Finish and intermediate points with Rescue and Medical Services. The frequency must be secure from misuse and be either the MSA Safety Frequency or a privately licensed frequency to Ofcom Regulations. The Controller must be experienced in the use of radios and in controlling a network, and must ensure the disciplined use of the radios. Where the MSA Safety Frequency is used, the Radio Controller must hold a valid MSA Radio Controllers Licence.

Notes on radio procedure are available from MSA.

24.4. Written instructions on the operation of stages must be made available to all Officials and Marshals. These must clearly establish:

24.4.1. That the number of cars to be sent through any Stage before the Competition is to be kept to a minimum.

24.4.2. The crew of each Safety Car must have specific duties allocated by the Clerk of the Course on which they must report to the Stage Commander (or Deputy) immediately on completing each special stage.

24.4.3. No stage must start until the Zero car crew have confirmed that it is ready for Competitors and the Marshals have all spectators on the stage under their control and direction (36.5).

24.4.4. There must be no movement of any vehicle or of the rescue services once the stage has opened without the specific approval of the Stage Commander, and then only after suspending the stage and being satisfied that it is cleared of competing cars.

24.4.5. On any special stage where extreme circumstances make it necessary to authorise the movement of non-competing or rescue vehicles before the stage is cleared of competing cars, a system of Yellow Flags must be in place.

These should be located at mid stage rescue points and all locations where a rescue/emergency vehicle

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may re-enter the stage following a shortcut and at each radio location (29.5) these vehicles subsequently pass. They can only be displayed on the specific instruction of the Clerk of the Course or Stage Commander. Yellow Flags must only be used when there is a possibility of non-competing vehicles and rescue vehicles moving on stage AHEAD of competing cars.

Yellow Flags must be prominently displayed (held out steady not waved) by a designated marshal who **MUST** wear a marshals' tabard.

Yellow Flags shall measure a minimum of 60cm x 70cm.

- (i) Competitors who have been shown a Yellow Flag will be given a notional time for the stage.
- (ii) Yellow Flags will be displayed to competitors only on the instruction of the Clerk of the Course or the Stage Commander. The time of the deployment of the Yellow Flags will be recorded and notified to the Clerk of the Course.
- (iii) No flag other than a Yellow Flag may be deployed at any point along the route of the special stage.

24.4.6. Competitors **MUST** be advised, in writing, which stages are operating this system and the procedure which they must adopt (25.6.4).

24.4.7. Under no circumstances will any car be allowed to drive in the reverse direction of the stage.

24.4.8. Detailed emergency procedures and equipment which must be made available by the Event Safety Officer.

24.4.9. The priorities in dealing with an incident are to deal first with those who are injured (whether Competitor, Official or spectator) by removing them in a suitable vehicle if it appears prudent to do so, and then to deal with the vehicles if they constitute a hazard to the continued running of the stage or to property.

24.4.10. No Competitor will be Permitted a re-run of a special stage (25.6.6).

24.4.11. The system of ensuring that Competitors are positively monitored and checked through a stage must be explained. Organisers may either use numbered stage Time Cards or note the previous Competitor's Competition number with the next Competitor to leave the Start.

24.4.12. All non-competing vehicles must be parked in an appropriate place at least 30m from a road used as a Special Stage, between a point before the Start control and a point 100m beyond the Finish stop control.

24.4.13. Non-competing cars required solely for purposes of safety may be parked at any place designated appropriate by the Stage Commander and/or Safety Officer.

24.4.14. Any road that may form an escape between the start and stop controls must be kept clear and unobstructed for a distance of at least 100m, bearing in mind the potential approaching speed of Competitors.

24.4.15. The location of any competing car that fails to complete the stage must be reported to the Stage Commander.

24.4.16. The information required by the Clerk of the Course to consider 24.5 is available if the stage is interrupted or stopped for any period of time.

24.4.17. Reasonable precautions must be taken to protect private property situated adjacent to any stage against damage.

24.5. Should the normal running of a Special Stage be stopped after the passage of one or more Competitors for any reasons whatsoever, and it proves impossible to allow other Competitors to cover the stage competitively, the Clerk of the Course may give to each crew which has not been able to cover the stage in the normal manner a notional time corresponding to the slowest time set up to the moment of interruption.

24.5.1. If it appears that the slowest time represents a complete anomaly, the next slowest time may be retained (and so on until the 5th slowest time).

24.5.2. However, no crew that is totally or partially responsible for stopping a stage may benefit from this measure. If they finish the stage, they will be given the time that they actually set even if this is greater than the time awarded to other crews.

24.5.3. In the case of an event being permitted to seed Competitors in reverse order of anticipated performance, the Clerk of the Course may give Competitors a notional time corresponding to the fastest time set at the moment of interruption, or apply the next fastest time (up to the 5th fastest time) if the fastest time represents a complete anomaly.

24.6. The Clerk of the Course has discretionary powers to impose a penalty in accordance with 32.2(gg) or 32.8(gg) on any Competitor who causes or is part of a serious blockage on a Special Stage, whether intentionally or otherwise, if their actions prevent any other Competitor from completing the stage competitively. The Clerk can also impose further penalty under C.2.1 as appropriate.

24.7. Judges may be appointed to adjudicate on:

24.7.1. Failure to comply with 25.5.

24.7.2. Failure to comply with 25.6.

24.7.3. False starts on Special Stages.

24.7.4. Unauthorised use of auxiliary lights.

24.7.5. Unauthorised possession of pace notes, radio equipment (25.1, 25.9).

24.7.6. Unauthorised servicing.

24.7.7. Unauthorised smoking.

24.7.8. Sound.

24.7.9. Violation of out of bounds areas.

24.7.10. Violation of the regulations regarding crash helmets, seat belts or flame retardant overalls.

24.8. Driving Standards Observers may be appointed to adjudicate on:

24.8.1. Excessive vehicle sound (observed during the event).

24.8.2. Excessive speed.

24.8.3. Driving in a manner likely to bring Motor Sport into disrepute.

24.9. Checks operated by Judges or DSOs need not be manned for the whole period during which Competitors may report, and may operate on a random basis.

Organisers should include in their SRs the following:

24.9.1. Judges and/or DSOs will be appointed to report on sound levels. Excessive sound will include instantaneous occurrence of noise such as that

produced by backfiring caused by anti-lag systems. The penalty for excessive sound may go as far as exclusion.

24.10. Any Competitor driving at an excessive speed, recklessly, or in a manner likely to bring Motor Sport into disrepute, or convicted of any driving offence committed during the event may be excluded.

24.10.1. The Official in charge of any control or check may mark or withhold a Competitor's road book, or Time Card if the vehicle concerned has suffered damage to its exhaust system.

24.11. The Clerk of the Course can appoint Officials empowered to search Competitors and their vehicles for unauthorised Pace Notes (25.9).

24.11.1. There should be two such Officials, one male to check male Competitors and one female to check female Competitors.

24.12. An organiser may permit the supply of subjective route notes. This must be stated in the SRs and the subjective route notes must be prepared by an MSA registered supplier.

Competitors

25.1. Competitors and their associated service vehicles and personnel may only fit or use radio transceiving equipment and frequencies that are licensed according to Regulations issued by Ofcom.

25.1.1. They must not use or carry any radio transmitting device that operates on, or interferes with, the MSA licensed Frequencies.

25.1.2. Contravention of these regulations will be penalised in accordance with 32.2(p) or 32.8(q).

25.2. Competitors must present at scrutineering a valid MSA Competition Car Log Book/Vehicle Passport obtainable from MSA Scrutineers by appointment (46.1.3).

25.3. In conjunction with scrutiny of the car, Drivers' and Co-Drivers' crash helmets and overalls must be produced for approval.

25.3.1. All crew members must wear a crash helmet bearing an MSA approval sticker (K.10.1 to K.10.3.1) and a safety belt throughout any Special Stage.

25.3.2. The crew must also wear flame resistant overalls homologated to either FIA 8856-2000 or FIA 1986 Standard. Attention is drawn to (K.9.1.2 and K.9.1.5 to K.9.3).

25.3.3. Competitors are strongly recommended to carry a First Aid Kit.

25.4. Competitors must carry an A4-size white board with a red SOS on one side and black OK on the other (letters to be a minimum of 12cm high with a minimum stroke width of 1.5cm), with means to secure them on display for oncoming competitors.

25.4.1. In the case of an accident where urgent medical attention is required, the red SOS sign should be displayed as quickly as possible to alert following cars and aid any helicopter attempting to assist.

25.4.2. Any crew that sees a red SOS sign displayed on a car, or sees a major accident where both crew members are inside the car but not displaying the SOS sign, must immediately and without exception stop to give assistance.

25.4.3. All following cars must also stop and the second car arriving at the scene must inform the next radio point.

25.4.4. Subsequent cars must leave a clear route for emergency vehicles.

25.4.5. The Clerk of the Course may award a discretionary time to any Competitor delayed in such circumstances.

25.4.6. Any crew which is able to but fails to comply with the rule will be reported to the Clerk of the Course who may impose penalties.

25.4.7. In the case of an accident where medical intervention is not required, the OK sign must be clearly shown to following vehicles, and to any helicopter attempting to assist. If the crew leave the vehicle, the OK sign must be left clearly visible to other Competitors.

25.4.8. Any crew failing to comply will be subject to a penalty at the Clerk of the Course's discretion.

25.4.9. Competitors who misuse the SOS or OK signs will be penalised and may be reported to the MSA for further action.

25.5. Drivers must conform to the Medical Requirements specified in H.10.

25.5.1. All Competitors must comply with any instructions in the Road Book concerning stopping at road junctions.

25.5.2. Failure to comply will be penalised as in 32.2(b) or 32.8(c).

25.5.3. Crew members must not smoke during any stage.

25.6. During a special stage, the prescribed route must be followed and any direction signs displayed are mandatory.

25.6.1. Competitors overshooting the Stop line at the end of any stage are forbidden to reverse back to the Control.

25.6.2. They are also forbidden to traverse any part of a Special Stage in the opposite direction to rally traffic.

25.6.3. Competitors must not voluntarily leave the prescribed route of a Special Stage without the express permission of the Stage Commander.

25.6.4. On passing a Yellow Flag displayed by a marshal wearing a marshals' tabard, the driver MUST immediately and significantly reduce speed as well as being prepared to stop at any time; at no time must they overtake any safety vehicle they encounter on the special stage route. The driver must then follow the instructions of any marshals and/or stage safety personnel and maintain this reduced speed until leaving the special stage.

Failure to comply with this rule will incur a penalty at the discretion of the Clerk of the Course.

25.6.5. They must not continue until advised to do so by an Official 24.4.4 and 24.4.5.

25.6.6. Competitors may only attempt a Special Stage once.

25.6.7. Re-runs are not Permitted (24.4.8).

25.7. When manual timing is to be used for a special stage, and following the Stage Start Marshal's instruction to a Competitor that they are next to start, the starting procedure is as follows:

25.7.1. The Marshal should give a loud verbal indication of 30 seconds, 15 seconds, 10 seconds and 5 seconds

(R) Rallying

to go, and then count down orally each second 5-4-3-2-1-GO. Upon the signal GO a visual starting signal must be given, which will normally be the raising of a flag from the bonnet (not the windscreen). Any other visual signal to be used must be described in the event SRs.

25.7.2. When automatic timing is used, the SRs must detail the precise method which will be in operation, with a clear description of the countdown method and the signal to GO. Making a false start will be penalised in accordance with 32.2(e) or 32.8(f).

25.8. Stages where Competitors are required to start at intervals of less than one minute may dispense with the 30 seconds to go advance warning.

25.8.1. This revised procedure must be advised in the SRs.

25.8.2. Any crew refusing to start a Special Stage at the time and in the position allocated to it may be given a 10 minute penalty (32.2(d) or 32.8(e)) which may be extended as far as exclusion on the discretion of the Clerk of the Course, whether the special stage is run or not.

25.9. Unless specifically allowed by the SRs, the use of or possession of pace notes or any other means of giving a Competitor advice relating to the traversing of a Special Stage on a Multi-Venue Rally that has not been provided by the Organisers is forbidden (24.7).

25.9.1. On any Single Venue Rally the use, provision or possession of such information, unless in accordance with 29.1.7, is prohibited and cannot be varied by the SRs.

25.9.2. This does not however preclude a crew from recording information during an event for use later on in the same event.

25.9.3. Neither does it preclude the use of Ordnance Survey maps of 1:25,000 or 1:50,000 scale along with others that are specified in the SRs as being necessary to complete the route.

25.9.4. The only supplementary information that may be shown on the maps is information given by the Organisers (including route details).

25.9.5. Contravention will be penalised as in 32.2(q) or 32.8(r).

Route

26.1. The onus of following the correct route rests with the Competitor who must visit controls and checks in the order set out in the Road Book, unless otherwise specified.

26.1.1. No private road must be used by Competitors Unless specific permission to do so is given in the Road Book.

26.1.2. A control or check shall be considered to extend for 50m around the actual point at which Officials are making their records, unless clearly visible signs are displayed to define a different area.

26.1.3. If the direction of approach to, or departure from, a control or check is specified, non-compliance with the requirement, or passing the control or check when travelling in other than the specified direction, or visiting the control or check more than once, may involve a penalty.

26.1.4. Officials will be on duty at all controls. If at any control the Officials are not present during the whole

period when a Competitor can report, all performances at that point will be ignored in compiling the results (except as provided for in 24.9, 32.2(l) or 32.8(m)).

26.1.5. All performances will also be ignored if a control or check is not sited at the location specified in Official documents.

26.1.6. The onus of ensuring that all the information required is clearly and legibly recorded at the appropriate time and place rests with the Competitor.

26.1.7. Should any entry on a Time Card not be legible or not appear authentic it may be considered not to have been made. Organisers may refer to Marshals' check sheets in case of doubt.

26.1.8. If there is a discrepancy between the time allowance shown by the Organisers on the Time Cards and that shown on any other document, the Time Card will be taken to be correct, unless previously amended in an Official bulletin.

26.2. It is not Permitted to define the route of a special stage by grid references or any other method requiring Competitors to choose their own route.

26.2.1. Any Flying Finish should be located at a point where cars can be expected to be travelling slowly as a result of a preceding bend or hazard.

26.2.2. The Flying Finish line must be at least 200m before the stop line which should be at least 100m before any public highway. Bad weather, slippery conditions and the potential speed of cars crossing the Flying Finish line may require these distances to be extended.

26.2.3. The area between the Flying Finish and the stop line should be free from bends, sharp or deceptive corners, or hazards such as gates, etc. This area is prohibited to spectators.

26.3. Officials should be clearly identifiable and wherever possible:

26.3.2. Be placed in sight of all signs and arrows, and at prohibited areas.

26.3.3. Be placed where the public are expected to arrive to watch the stage.

26.3.4. Have some pre-arranged system for warning spectators of the approach of cars.

26.3.5. Be under the control of a Sector Marshal if appropriate.

26.4. Where a Special Stage forms a continuous circuit, Competitors must not be required to complete more than two laps.

26.4.1. Organisers should allow at least 100m separation from the start of the stage before Competitors join other cars already on the stage.

26.4.2. On any stage rally which is not run under a Single Venue Stage Rally Permit, the maximum number of competitive passes in any one direction over any stage or any part of a stage is limited to four.

26.5. *Stage timing throughout an event will be to the preceding second if manual timing is to be used.

26.5.1. Automatic timing can be to the preceding 1/10th of a second, but only if the intention to do so is stated in the SRs.

26.5.2. The timing of any section should be recorded in a way that Competitors can verify its correctness. This must prohibit the 'setting back' of the section finish watch.

26.5.3. The only timing that can be considered is from the Standing Start to the Flying Finish line.

26.5.4. No Competitor may gain an advantage by exceeding the specified average speed.

26.5.5. The time based on this average shall be referred to as the Stage Bogey Time.

26.6. Competitors must not be started from any stage start at intervals of less than one minute, unless in accordance with the following procedures:

26.6.1. Starts of between 30 seconds and one minute interval are Permitted provided that the criteria below are met and that no undue difficulties are foreseen:

- a) The stage does not exceed a total length of four miles if on an unsealed or mixed surface, or eight miles if completely on a sealed surface.
- b) The stage has no split route and is neither a currently nor previously a licensed Race, Speed or Kart venue or airfield (disused or otherwise).
- c) No part of any stage traverses the same section of route during the running of that stage, or as part of another stage running concurrently.
- d) If the stage constitutes a continuous circuit, it must be less than one lap.
- e) Competitors have been seeded by the Organisers by performance in accordance with 24.1.4, without dispensation.
- f) Suitable timing arrangements have been made at the Finish line.

26.6.2. Authorisation for stages not covered above must be obtained in writing from the MSA and will only be considered when the following information has been submitted:

- a) The individual stage name, number and location.
- b) The length of the stage.
- c) The type of surface (forest, tarmac, etc).
- d) The average width of the road.
- e) Diagram(s) of the venue showing stage routes and safety provisions.
- f) The number of times Competitors are attempting the stage.

g) If the Competitors are attempting the stage more than once, the time interval between their first and second run, and the possibility of catching previous Competitors.

h) Whether Competitors attempting their second run will be interposed with those still attempting their first.

i) Whether the stage has a split route, and if so how far this is into the stage. On unsealed surfaces the stage must not consist of more than 2 1/2 miles of common route.

j) Whether extreme weather (eg heavy rain, dust, etc) will adversely affect a fair Competition.

k) Competitors have been seeded by performance in accordance with 24.1.4, without dispensation.

l) Suitable timing arrangements have been made at the Finish Line.

26.7. No practising or testing is Permitted on any Special Stage before any event unless specifically authorised by the MSA.

26.8.1. Any access to any part of a stage, whether from a car park or through entrances, should be protected by warning notices as specified in D.31.1.1 and D.31.1.4 and is subject to the requirements of D.32.1.

26.8.2. There should be a copy of the Safety Code on display at all entrances where the public are likely to enter, and in areas considered to be hazardous, including escape routes and prohibited areas.

26.8.3. Specific MSA approval must be obtained before any publicity is released on stage rallies where it is intended to charge for admission, whether directly or through the sale of a programme (26.8.6).

26.8.4. The MSA will not authorise any admission charge for spectators unless adequate safety precautions appropriate to speed event levels for spectators can be met.

26.8.5. Where the nature of the venue is such that it is either impractical to apply such precautions or access by the public cannot reasonably be controlled, then only a car park charge may be levied. MSA approval is not required when imposing this charge.

26.8.6. On events where there is a published programme, or where information is published which gives details of the location of special stages, a copy of the Safety Code for the guidance of spectators should be included.

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26.9. The organisation of Special Stages should achieve the following:

26.9.1. The route should be made as safe as possible.

26.9.2. It should be unmistakable to Competitors and spectators

26.9.3. Means of access onto the stage should be closed by barriers and signs sufficient to prevent any non-competing vehicle gaining access. Warning notices as detailed in D.31.1.4 should be displayed.

26.10. It should also be impossible for anyone on foot to get on to any stage through normal access roads or tracks without:

26.10.1. Being aware of it.

26.10.2. Having been seen by an Official.

26.10.3. Having seen a warning notice.

26.10.4. Having seen the Safety Code.

Types of Section

27. The following terminology and restrictions apply to all stage rally sections. No other title or description will be valid:

Road Section

27.1.1. Any section of the route of a Special Stage Rally (excluding control and service areas), whether on the public highway or not, which links Special Stages.

27.1.2. When on the public highway these sections must comply with 2.3.2.

27.1.3. Competitors must not use any auxiliary lights in road sections except in conditions of reduced visibility as permitted by law. Any forward facing lights, additional to the headlight system, sidelights and indicators, are considered to be auxiliary lights.

Special Stage

27.2.1. A section of a Rally on roads or land for which the event has exclusive access, or on public roads closed by Government legislation specifically Permitting closure for motor sporting purposes, where the marking for maintaining a time schedule forms a part of the Competition.

Special Stages

28.1. Special Stages must not include any checks or controls or other requirements that might require or encourage Competitors to stop during the stage.

28.1.1. Special Stages must be over a distance of not less than half a mile and no stage may exceed 20 miles in length without written permission from the MSA.

28.2.1. If the stage is wholly on a sealed surface, no Competitor should be able to achieve an average speed of more than 75mph.

28.2.2. If the stage is run partly or wholly on unsealed surfaces, no Competitor should be able to achieve an average speed of more than 70mph.

28.3. Special Stages should not use any sections of a venue in opposite directions at the same time, unless there is at least a 15m separation between the two routes with a continuous barrier to prevent a car crossing.

28.3.1. Crossroads used twice must preserve this separation.

28.3.2. The barrier must consist of one or more of the following: tyres banded in threes, straw bales, earthbanks or similar immovable objects.

28.3.3. Motorway cones or blocking tapes are not suitable.

28.4. Special Stages should not use any currently or previously licensed Race, Speed or Kart circuit, nor any airfield (disused or not) unless the MSA has specifically approved the stage layouts and safety precautions.

28.4.1. These Stages should also not be routed closer than 75m to any parked aircraft, unless there is a solid physical barrier at the edge of the course protecting the aircraft, and a gap of 45m from the barrier to the aircraft.

28.5. At the start of every Special Stage the organisers must provide a Medium Spill Kit.

Arrows and Signs

29.1. The correct route should be indicated to Competitors by arrows and signs, and by physical blockage of all but the correct road. These indications shall, wherever possible, be consistent with Appendix 1, Drawing number 29 and with the following:

29.1.1. Arrowing should be reduced to a minimum and placed only at junctions. Really acute bends or hazards, where a drastic reduction in speed is required, should be marked by a caution or bend sign. Arrows must not be used to define chicanes. A chevron board, Appendix 1 Drawing number 29.1.1, showing the entry to the chicane must be placed in the full view of Competitors. This board must have minimum dimensions of 76cm x 61cm.

29.1.2. Signs should be placed approximately 1.2m from the ground. Wherever possible arrows and signs should be of Day-Glo red or orange and should be easily visible to Competitors. To avoid confusion, multiple signs on one post should be avoided. Advance warning signs for junctions should be between 50m and 100m before the junction.

29.1.3. Two arrows should be visible on any junction, fixed so as to form a 'gate' through which Competitors will pass. Arrows may be angled to show the severity of the junction, indicated by one of four basic positions, vertical, horizontal, raised or lowered by 45°. An example of the method used must be shown to Competitors before the event.

29.1.4. A wrong direction should be indicated by a standard No Entry sign (a red disc with a white bar) and all but the correct road should be visibly blocked by means of tree trunks, brushwood, ropes, tape, etc, except as provided for in 29.1.5.

29.1.5. In the case of wholly tarmac stages that are run on public roads closed for the purpose under Government legislation, the preceding regulations apply to all road junctions. However, it is not mandatory to block off private driveways unless through the layout of the stage the Organisers consider that they would constitute a hazard for Competitors. In these circumstances they should be blocked off with tape and at least a No Entry board displayed and notified as in 29.1.6.

29.1.6. Along with the arrows and signs displayed on the Special Stage, each Competitor must be issued with a Tulip diagram of each stage showing junction or hazard numbers or letters, and indicating the

intermediate mileages between junctions, danger spots or hazards and the direction to be taken.

29.1.7. For stages on airfield type venues it is permissible to substitute a detailed sketch diagram. This diagram must be approved by the MSA before the event. This approval will constitute automatic permission to dispense with Tulip diagrams.

29.1.8. The warning signs for each location or hazard detailed in the sketch map or Tulip diagram must display the corresponding location or hazard number or letter.

29.1.9. Hazards should be indicated by a single exclamation sign between 50m/100m before the hazard.

29.2. Deleted.

29.2.1. Deleted.

29.2.2. Deleted.

29.2.3. Deleted.

29.2.4. Deleted.

29.3. If a section of road is used twice on stages where the route divides, or where two roads merge, the junction itself should be clearly marked by a white board at least 76cm x 61cm illustrating the junction.

29.3.1. Figures on this board should be at least 15cm high.

29.3.2. The junction should be preceded by a similar diagrammatic sign in advance of Motorway type count down boards with diagonal bands positioned approximately 100m and 200m before the junction.

29.3.3. Judges of Fact should be placed at any split junction to note and report for penalty any Competitor overshooting and reversing back against the route of rally traffic.

29.4. Where stage routes merge on a lapping stage, the angle between the two roads (prior to the common route) should be no more than 45° to each other, and on joining should run separately, but in parallel, for at least 100m before merging.

29.4.1. Signs will be shown to Competitors as follows. These signs should have a minimum size of 76cm x 61cm. See Appendix 1, Drawing number 29.4.1.

29.5. Radio Point signs as follows must be displayed at and before all designated Radio Points (24.4.5) detailed in the Road Book as issued to Competitors, other than at those locations signed in accordance with 29.4.1 (see Appendix 1, Drawing number 29.5).

Controls (2.4)

30.1. Controls will open 15 minutes before the due time of arrival of the first car, and close on the direction of the Clerk of the Course taking into account the due time of arrival of the last competing car.

30.1.1. The SRs may specify a different opening period.

30.1.2. The time of arrival at or departure from a control will be the time at which the Time Card is presented by the Competitor concerned, providing all crew members and car are within the control area.

Control procedures

30.2.

- a) The check-in procedure begins at the moment the car enters the time control area.

b) The actual timing and entry of the time on the time card may only be carried out if the two crew members and the car are within the control area. Between entering the control area and the control, the crew is forbidden to stop for any reason or to drive at an abnormally slow speed.

c) The check-in time shall correspond to the exact moment at which one of the crew members hands the time card to the appropriate marshal who will enter on the card the actual time at which the card was handed in, and nothing else.

d) The target check-in time is the responsibility of the crew alone, who may consult the official clock.

e) The crew will incur a penalty for early arrival if the car enters the control area before the minute preceding the target check in minute. The crew will not incur any penalty for lateness if the act of handing the card to the appropriate marshal takes place during the target check-in minute.

(Example: A car has left the previous stage finish at 11.04.40 on a section for which the target time is nine minutes. It is therefore due at the next time control at 11.13. It arrives at the yellow advance control board at 11.08, stopping before the yellow board. The car is permitted to enter the control area at any time after 11.12.00. The time card may be handed in at any time between 11.13.00 and 11.13.59, and a time of 11.13 will be recorded.)

f) If it is found that a crew has not observed the rules for the check-in procedure, the marshal at the control must make this the subject of a written report to be sent to the Clerk of the Course.

30.2.1. The time of reporting at controls will be recorded to the preceding whole minute when penalties are imposed per minute (for example 09 minutes 59 seconds will be recorded as 09 minutes).

30.2.2. Where a control at the end of a section timed to the second (or to the second and part thereof) also forms the start of a section timed to the minute, the time of departure will be considered as being the same as arrival, but ignoring any seconds or parts thereof.

30.3. Exceptions to 30.2 are:

30.3.1. In the event of a competing car obstructing other Competitors through being halted or unduly slowed down near a control, the Officials may instruct the Driver to proceed and may then record the time as the time when this instruction is given.

30.3.2. In the event of a Competitor presenting a Time Card to Officials at a time when the car is outside the control area, the Officials have discretion as to whether or not to make a record on the Time Card.

30.3.3. At the end of a Rally or of any day of a Rally Competitors are allowed to check in in advance of their due time. This must be specifically authorised by the rally organisers in the SRs or an Official bulletin. Competitors arriving early must have their due time entered on the Time Card; those arriving later than their due time must have their actual time of arrival entered.

(R) Rallying

Timing

31.7. All Special Stage rallies may use either Target Timing or Scheduled Timing.

31.7.1. An MSA or Regional Association approved Rally Timekeeper must be appointed as a Chief Timekeeper for all stage rallies that use manual timing.

31.7.2. Stage rallies intending to use any form of automatic timing must appoint an MSA-approved Rally Timekeeper of National Rally or higher grade who holds a Certificate of Competence issued by the manufacturer of the equipment to be used.

31.7.3. Times will be recorded to whole minutes on all sections, except Special Stages which will be timed to the nearest preceding whole second, unless the SRs specify that timing will be to the nearest preceding 1/10th of a second (32.2(f) or 32.8(g)).

31.7.4. All Timekeepers will be Judges in respect of time recorded.

*Definitions for Target Timing

31.2.1. *Target Time* is the time specified to cover the distance between two consecutive controls. A Competitor can calculate their Due Time of Arrival at any Time Control by adding the Target Time for the section to their actual time of departure from the preceding Time Control. Each period of time shall be treated individually and no penalties incurred will apply to any subsequent section. However, lateness taken over Target Time on Road Sections and Special Stages is cumulative and cannot be reduced.

31.2.2. *Bogey Time* is the time specified for a Competitor to complete a Special Stage without incurring penalty and must comply with 28.2.2, 26.6.

31.2.3. *Stage Maximum Time* is the maximum time penalty that can be applied on a Special Stage and will be the Target Time for the stage. It must be specified on the Time Card.

31.2.4. *Cumulative Lateness* is the sum of times in excess of Target Time taken over each section, and once lost cannot be regained.

31.2.5. *Maximum Permitted Lateness* is the amount of cumulative lateness which if exceeded from the previous Main Control will result in a Competitor being deemed to have retired. This will be 30 minutes unless the SRs specify a different period.

31.2.6. *Penalty-free Cumulative Lateness.* The SRs must specify the amount of cumulative lateness, if any, allowed free of penalty before a Competitor will be penalised.

31.2.7. *Dead Time* is the authorised time between booking in at the end of one Target-timed section and the commencement of the next section. The time must be spent entirely within a control zone. Dead time will have no effect on penalties or cumulative lateness incurred elsewhere.

31.2.8. *Delay Allowance* is a penalty-free allowance granted to specific Competitors following a delay, under the instructions of an authorised Official. It has the effect of extending the Target Time for those Competitors on that section only. Such delay allowance must be recorded in writing on a Competitor's Time Card by the Official.

31.2.9. *Main Controls* are situated at the Start and Finish of a Rally, immediately before and after any Rest

Halt, and at any other specified point. At a Main Control after a Rest Halt Competitors will (unless the SRs specify otherwise) restart at one minute intervals:

- In number order, or
- In the order of their arrival at the Main Control preceding the Rest Halt, or
- In the order of their arrival at some other preceding control, or
- In the order of General Classification at a specified point if interim results are available.

The method used must be specified in an Official Instruction. Each Competitor must be given a due starting time from any Main Control (Out), and any difference between this time and their actual starting time will be counted towards cumulative lateness, and a Time Penalty applied (unless the SRs specify otherwise).

Regrouping Controls

31.2.10. The Road Book will specify these controls where Competitors not excluded by having more than the Maximum Permitted Lateness at the control start the next section with zero lateness.

Special Stage Arrival Control

31.2.11. At this Time Control a Marshal enters a Competitor's time of arrival and the provisional starting time for a Special Stage which must be a minimum of three minutes after the arrival time in order to allow the crew to prepare for the stage. The area between the Special Stage Arrival Control and the Stage Start is Parc Fermé. At the Special Stage Start, the Marshal will enter the actual Start time which will normally correspond with the provisional Start time. The Start will then be given in accordance with 25.7.

Special Stage Finish Control

31.2.12. Competitors will receive their Special Stage Finish Times in hours, minutes and seconds at the Special Stage Finish Control. This time in hours and minutes will be the Start time for the next section.

Penalties

32.1. Competitors will receive penalties on Special Stages as follows:

- Under Bogey Bogey Time
- Over Bogey but under Actual time taken
- Stage maximum
- Over Stage maximum Stage maximum time.

32.1.1. Organisers may require any Competitor who is late to reduce their lateness by either foregoing or reducing any period of time provided for remaining at a control or Official halt.

32.1.2. If the need arises for an Organiser to extend Maximum Permitted Lateness, this can only be done at a point on the route at which Competitors are required to report to avoid exclusion. Maximum Permitted Lateness can then only be extended for the following part of the route and cannot be applied retrospectively for the earlier sections. These provisions are subject to standard condition 4 of the Motor Vehicles (Competitions and Trials) Regulations where they apply.

32.1.3. No penalty-free lateness or Official delay allowance that has been either reduced or foregone as Permitted by 32.1.1 may be reclaimed. However, this does not exclude fresh claims based on new circumstances.

Penalties

32.2. See Appendix 1, Chart 32.2.

Definitions for Scheduled Timing

32.3. Standard Time is the time of day a notional Competitor number zero would be due at any control or check.

32.3.1. Scheduled Time is the actual time of day each Competitor is required to be at any specific point.

32.3.2. Scheduled Time can be calculated for any point by taking a Competitor's Competition number, multiplying by the time interval between Competitors at the start, and adding the result to the standard time at that point.

32.3.3. Delay Allowance is an allowance free of penalty granted to specific Competitors following a delay under the instructions of an authorised Official of the event.

Any Delay Allowance must be recorded in writing on the Competitor's time card by that Official.

32.3.4. Due Time is the time a Competitor is due at any control or check inclusive of any previous lateness.

32.3.5. Penalised Time is the difference between Due Time and an earlier or later arrival time.

32.3.6. Penalty Free Lateness allows a Competitor late at one control to be an equivalent amount late at a succeeding control without incurring further penalty.

32.3.7. Outside Total Lateness (OTL) is the point where a Competitor is considered not to have visited a control or check being more than 30 minutes past the Scheduled Time (including any delay allowance), unless the SRs specify a different period.

32.4. The Organisers can require any Competitor who is late to reduce their lateness by either foregoing or reducing any period of time provided for remaining at a control or official halt.

32.4.1. Competitors may themselves reduce lateness without penalty in the following ways, unless either forbidden to do so by the SRs or if by so doing they commit a breach of 32.5.

- a) By reporting at any control following one at which a penalty was applied for lateness at any time not earlier than Scheduled Time.
- b) By missing a Control or Controls. The Competitor will be penalised in accordance with 32.8(a) or 32.8(b) for every control missed. On rejoining the route at a control at the end of Road Section, the Competitor will be permitted to restart without further penalty at any time between their original Scheduled Time and their Maximum Permitted Lateness in relation to their original Scheduled Time.
- c) If the need arises for an Organiser to extend Maximum Permitted Lateness, this can only be done at a point on the route at which Competitors are required to report to avoid exclusion. Maximum Permitted Lateness can then only be extended for the following part of the route and cannot be applied retrospectively for earlier sections.

These provisions are subject to Standard Condition 4 of the Motor Vehicles (Competitions and Trials) Regulations where applicable.

32.4.2. No Penalty Free Lateness or official delay allowance that has been either reduced or foregone as Permitted by 32.4 can be reclaimed. However, this does not exclude fresh claims based on new circumstances.

32.5. A Competitor found to have traversed a distance greater than four miles between two consecutive time controls in less than three-quarters of the time specified by the Official time schedule will be penalised in accordance with 32.8(l). In calculating the penalty, any fraction of minute will be ignored. The 3/4 rule does not apply to sections of less than 8 minutes scheduled duration.

This does not preclude the organisers providing specific sections for time recovery.

For example:

32.5.1. In a nine minute section, a penalty is imposed if a Competitor completes a section in less than six minutes.

32.5.2. In a 10 minute section – seven minutes.

32.5.3. In an 11 minute section – eight minutes.

32.5.4. In a 12 minute section – nine minutes.

32.6. Times will be recorded to whole minutes unless the SRs state otherwise.

32.6.1. Any timing to an accuracy of less than one minute will be recorded on equipment as detailed in 2.7.

32.6.2. Competitors will be timed by the Official timepieces in the charge of Officials, unless the SRs state that watches carried by the Competitors can be used.

32.7. Bogey Time – See 31.2.2.

32.8. Stage Maximum Time – See 31.2.3.

32.9. Main Time Controls – See 31.2.9.

32.10. Regrouping Controls – See 31.2.10.

32.11. Special Stage Arrival Control – See 31.2.11.

32.12. Special Stage Finish Control – See 31.2.12

Penalties

32.13. See Appendix 1, Chart 32.8.

Documentation

33.1. The Road Book or Time Card must indicate:

33.1.1. The description of each section (Road Section, Special Stage, Service Area, Regroup, etc) (27).

33.1.2. The time allowed to traverse the route between each Time Control and all the information necessary to enable Competitors to comply with 2.3.2.

33.1.3. What information the Organisers require to be recorded and the places at which these records will be made (26.1.6), except as provided for in 24.9.

33.1.4. Which checks will be manned by Officials (26.1.4), except for checks established in accordance with 24.9.

33.1.5. Which portions of the route will be timed to an accuracy of less than one minute.

33.1.6. Any 'out of bounds' areas to be respected.

(R) Rallying

33.1.7. The position of any junction at which the Competitor is required to stop.

33.1.8. The areas where Competitors are required to observe special restrictions as to driving behaviour (i.e. Quiet Zones, etc).

33.1.9. The order in which controls and checks must be visited.

Medical and Safety Cover

Single Venue Stage Rallies

34.1. At each venue there must be a Doctor or MSA Registered Paramedic and an MSA-Licensed Rescue Unit.

34.1.1. It is mandatory that an MSA Licensed Recovery Unit (or if unavailable a Commercially Operated Recovery Unit) is placed at or near those stage start locations where a Rescue Unit is positioned.

34.1.2. The Chief Medical Officer is responsible – in consultation with the Clerk of the Course and the Event Safety Officer – for ensuring that the required level of medical and rescue cover is provided and for the detailed organisation of doctors, the planning and deployment within stages, the organisation of ambulance meeting points and the notification of hospitals in relation to the stages.

34.1.3. The Doctor and Safety Officer in liaison with Stage Commanders should be aware of the evacuation routes from the stage and rendezvous points.

34.1.4. The Chief Medical Officer may, following consultation with the Clerk of the Course, appoint a deputy of suitable grade who could take over the Chief Medical Officer's duties in an emergency.

Stage Rallies (other than Single Venue Stage Rallies)

34.2. At Clubman, National B and National A Multi-Venue Stage Rallies, there must be a Doctor or MSA Registered Paramedic and an MSA-Licensed Rescue Unit at every stage (or group of stages (with a maximum three in close proximity to each other).

34.2.1. Those stages without the immediate presence of an MSA Rescue Unit should position an MSA-Licensed SSU at the stage start.

34.2.2. For every stage over nine miles long, in addition to the above and at a suitable mid-point, there must be a Doctor or MSA-Registered Paramedic and an MSA Licensed Rescue Unit or an MSA-Licensed SSU.

34.2.3. It is mandatory that an MSA-Licensed Recovery Unit (or if unavailable a Commercially Operated Recovery Unit) is placed at or near those stage start locations where a Rescue Unit is positioned.

International Stage Rallies (other than FIA Championships)

34.3. At every stage start there must be:

34.3.1. A doctor or MSA-Registered Paramedic.

34.3.2. An MSA-Licensed Rescue Unit.

34.3.3. An MSA-Licensed Recovery Unit or, if unavailable, a Commercially Operated Recovery Unit.

34.3.4. For stages over nine miles long, these requirements must be repeated at a suitable mid-point.

International Stage Rallies (FIA Championship)

34.4. Medical and safety cover must be according to current FIA Regulations.

International and National A Rallies

35.1. It is recommended that the Chief Medical Officer is appointed from the MSA Register and is approved for this grade of rally.

35.1.1. Also a senior Medical Officer should be appointed on each stage, and be positioned at the stage Start to work in close co-operation with and under the instructions of the Stage Commander.

General

36. ALL THE ABOVE REQUIREMENTS SHOULD BE REGARDED AS MINIMUM STANDARDS OF COVER, HIGHER STANDARDS SHOULD ALWAYS BE AIMED FOR.

36.1. It is recommended that doctors carry all equipment that they feel necessary for the performance of their duties. The following is suggested:

- Airways (two)
- Cervical collar
- Two large field dressings
- Powerful hand torch
- Space blanket
- First aid kit.

36.2. It is recommended that Organisers make available a full resuscitation kit.

36.3. All accidents and incidents involving injury must be reported in writing by both the Medical Officer and Stage Commander to the Clerk of the Course.

36.3.1. A completed MSA report form, signed by the doctor, should be sent to the Medical Consultant at the MSA.

Emergency Vehicles

36.4. There are three kinds of Rally emergency vehicles:

- Rally Recovery Units
- Rescue Units
- Stage Safety Units (SSUs).

36.4.1. Their equipment and licensing criteria are listed in G.32 and Section F.

36.4.2. To assist Organisers and maintain safety cover, unless licensed vehicles are present, SSUs should be used to provide rescue, first aid and fire fighting at an incident as quickly as practicable (i.e. starting from the beginning of the stage and proceeding in the direction of the stage).

36.4.3. It is recommended that there is an SSU at each stage start.

Safety Cars

36.5. The only category of Safety Car that may be driven through a stage at near competitive speeds will be a Zero car.

36.5.1. It will be identified by carrying markings of 0, or 00 as appropriate.

36.5.2. No other Official car will carry such markings.

36.5.3. The Zero Car will be the last vehicle to traverse a stage before the first Competitor, unless the Stage Commander or Clerk of the Course authorises otherwise.

36.5.4. The Zero Car will only stop in a stage in the case of emergency.

36.5.5. Zero Cars must be fitted with an effective method of communicating with Rally control.

36.5.6. Except for Class eligibility, Zero Cars must pass the same pre-event scrutiny as Competitors.

36.5.7. It is strongly recommended that they have a current Competition Car Log Book/Vehicle Passport.

36.5.8. There will only be two crew members in each Zero car who must wear overalls, helmets and seat belts mandatory for Competitors. Fire extinguishers must be fitted and armed as for Competitors.

36.5.9. Both crew members of each car must be signed-on Officials, and it is recommended that the Driver is a current Competition Licence holder and that one of the crew should have been involved in pre-event planning.

36.5.10. No Driver who is barred from holding a Competition Licence can drive an Official, Safety or Zero car through a special stage.

36.5.11. Further guidelines for Safety Cars are available from the MSA.

Fire Extinguishers

37. Fire extinguishers must be available in any area defined as a Service Area or Paddock and any area in which competing cars are assembled awaiting their attempt at a stages.

Servicing and Organised Assistance

38.1.1. Organised assistance (service) may be Permitted on Special Stage Rallies if the SRs allow and providing that the Organisers have provided suitable service areas and a specific time allowance.

38.1.2. * Organised assistance anywhere other than in Permitted areas is forbidden.

38.1.3. Service vehicles may be required by the SRs route to and from service areas. All other areas would then be 'Out of Bounds' to service vehicles and crews.

38.1.4. In any area where Service is not Permitted, the presence of a service vehicle, or any vehicle from which equipment or parts are supplied or obtained, or the setting up or the collection or the use of equipment previously deposited, will be considered to be servicing.

38.1.5. The above Regulations do not prohibit Organisers advising Competitors of any garages en route, where facilities are available.

38.1.6. Paragraph 38 does not prevent Competitors from making their own vehicles safe to drive.

38.2. Crews may work unassisted on their own cars, using equipment carried in their car, in 'No Service Areas' except:

- a) Within 100m of any Control.
- b) Between a Special Stage Arrival Control and the Special Stage Start Control.
- c) In any Parc Fermé.

38.2.1. The only work permitted in these areas is the

following (unassisted): Cleaning lamp glasses, windscreens, windows, identification markings and vehicle registration numbers.

38.2.2. Except in the areas listed above, Competitors may also work on their cars with the assistance of other Competitors or any nationally recognised breakdown service or commercial garage not associated with the Entrant and not organised in advance. Such service vehicles will not be allowed to enter Official service areas.

38.3. Competitors are responsible for ensuring that their service crews understand and comply with Regulations, and if Official Service Plates are issued, that at all times service vehicles bear the Official Service Plate.

38.3.1. A Competitor may be fined or otherwise penalised by the Clerk of the Course if the crew of any service vehicle associated with their entry contravenes any regulation or any Official instruction, or acts in a manner contrary to the interests of the event. Competitors may also be fined, but not otherwise penalised, for breach of Road Traffic Laws by their service crews.

Service Areas

39.1. All Service Areas should be under the supervision of a Safety Officer, who should have suitable means of making contact with the Emergency Services.

39.1.1. Special care must be taken to ensure that Service Areas are kept secure from spectators and that all aspects of Health and Safety Regulations are observed.

39.1.2. Adequate fire extinguishers must be available at the site.

39.2. No assistance may be expected from Organisers. Competitors are responsible for ensuring that they are supplied with fuel, oil, water, etc, even though Organisers may give advice as to where such supplies may be obtained.

39.2.1. A car may not be moved other than by its own power except:

- a) By a ferry.
- b) By outside means for a minimum distance necessary to extricate it from difficulty.
- c) By gravity.
- d) By its crew.

39.3. During the course of an event, competitors are not permitted to use, or be directly or indirectly concerned in the use of, helicopters or fixed wing aircraft in the vicinity of the event (whether in connection with servicing, aerial surveillance or any other reason whatsoever), unless previous authority has been obtained from the MSA in writing and in compliance with CAA regulations (E.2.2.6).

39.3.1. Before considering any application for authorisation the MSA must be satisfied that any liabilities they consider apply to the activities, including indemnity cover for the MSA, the event promoters, Organisers and the landowner, have been made available by the operator on their behalf to specified minimum requirements.

39.3.2. Any application must be made at least 14 days before an event.

(R) Rallying

39.3.3. In accordance with CAA regulations, no aircraft is allowed within 500ft of the route, or within 3,000ft of any large crowd.

Results

40.1. To be classified as a finisher, a Competitor must report to all controls listed in the Road Book and report to the final control within the maximum lateness specified, with the car in which they started.

40.1.1. Competitors start with zero time penalties and the results are established by adding together the times taken during the Special Stages and the time penalties incurred on the road sections, together with all other penalties expressed in time. The Competitor with the lowest total will be the winner, and so on.

40.1.2. If there is a tie, the Competitor who accomplished the best time for the first Special Stage will be judged the winner. If this is not sufficient to resolve the tie, the times of the second, third, fourth, etc, Special Stages will be taken into consideration, unless the SRs specify another method of resolving ties. This regulation can be applied at any time during the rally.

40.1.3. Competitors at the conclusion of their Competition must sign a declaration form confirming they have not been involved in any incident that may have caused damage to persons or property, or alternatively give details of any such incident. Failure to comply will be penalised in accordance with 32 and may be reported to the MSA for further disciplinary action.

40.1.4. Competitors who retire will be required to submit this form to the Secretary of the Meeting within 72 hours of the event. Failure to return the form may be penalised by a fine of up to £100.

40.1.5. There must be no awards for Competitors who equal or improve upon the time schedules for any sections, nor for the fastest times or fewest penalties on any sections.

Additional Regulations for Specified Types of Event

Single Venue Stage Rallies

41.1. *The SRs must state whether the Public Highway is being used or not.

41.1.1. No stage route may be used more than twice.

41.1.2. For a stage route to be recognised as different, it must vary by at least 20% of the stage route if run in the same direction, or be reversed.

41.1.3. No part of a stage may be used in any one direction more than 12 times during the event.

41.2.1. Fire extinguishers must be available in any area defined as a Service Area or Paddock and any area in which competing cars are assembled awaiting their attempt at a stages.

41.3.1. Written permission must be obtained in advance from the MSA regarding any other activity to be held at a venue to ensure whether suitable insurance can be arranged.

41.3.2. PR work, consistent with 4.3, must be undertaken irrespective of whether or not the public highway is used on an event.

41.3.3. Venues where spectators are encouraged to attend should have a resident Spectator Control Car equipped with a PA system and a radio on the frequency to be used on the event.

41.4.1. A Co-Driver who has signed on must be carried in each competing car.

41.4.2. No practising is Permitted.

41.4.3. (See 25.9.1).

Historic Special Stage Rallies

42.1. Historic Category 1, Historic Category 2, Historic Category 3 and Historic Category 4 cars must compete in separate categories with separate results and awards in order to give a clear distinction between the three periods of cars. See 49.6 for recommended Classes.

Special Stage Practice/Training Events

43.1. Any practising or training event at which members of an MSA-registered Club are acting in a managing or controlling capacity as representatives requires the specific permission of the MSA in the form of a Permit.

43.1.1. The MSA will not permit more than three Clubs to jointly organise such an event.

43.1.2. The MSA will appoint an Observer to all Special Stage Rally practice/training events and the appropriate fees will be charged.

43.1.3. Participants in all practice/training events must sign the usual indemnity specified in D.13, as well as a declaration that their vehicle is in a fit condition for the event.

43.1.4. Permit fees will be in accordance with current rate for a National B event. Insurance at the maximum Special Stage rate per Competitor will be payable.

43.1.5. There must be no spectators and entry to the venue must be controlled.

43.1.6. Stages must be organised to the requirements of 23.1 to 24.11 and 28.1 to 29.5 and the definition of a Practising/Training Event must be complied with.

43.1.7. No more than six attempts at any one stage layout will be Permitted.

43.1.8. Although no awards or published times are Permitted, a Bogey Time must be set for the stage (based on 32.1) and this time and the length of the stage must be notified in writing to the participants.

Rally Time Trials (22.5)

44.1. A Rally Timed Trial is a Special Stage Rally and will be run in accordance with Section R except for the following.

44.1.1. All cars must comply with 46 to 49. No Passengers can be carried during practice or competitive runs, unless authorised by the MSA (higher Insurance premiums apply).

44.1.2. The Clerk of the Course may authorise re-runs. Results need not be based upon competitors cumulative times, but may be based upon selective aggregate times (best 2 of 3 for example) or be purely on best time.

44.1.3. The starting procedure must comply with that of a stage, but an arrival control is not required. It should be run over a distance not greater than 4 miles.

44.1.4. In all other respects a Rally Timed Trial must comply with Section R, Competitor eligibility, technical and vehicle safety eligibility and stage safety requirements.

44.1.5. Rally Timed Trials are not valid for upgrading a Stage Rally Competition Licence.

Junior Rally Driver Championships

45.1. The MSA may approve championships for Junior Rally Drivers complying with the following:

45.1.1. All events comprising the championship must be individually permitted Single Venue Stage Rallies open only to Junior Rally Drivers.

45.1.2. Events may only take place at a single venue and all stages, road sections and service areas must not cross or traverse any public highway including Footpaths/Bridleways/Restricted Byways/Byways Open to All Traffic or unclassified county roads.

45.1.3. Proposed Stage Diagrams must be submitted for authorisation at least 3 months prior to the event in the same manner as 26.6, in order for the MSA to inspect the venue.

45.2.1. Drivers must be at least 14 years old, and may continue as a Junior Rally Driver until 31st December in the year of their 17th birthday.

45.2.2. The Drivers Competition Licence shall be endorsed Junior Rally Formulae Only and will be held on their behalf by the Championship Co-ordinator.

45.2.3. Drivers must be of a minimum height of 1.4m.

45.2.4. Co-drivers must hold a valid Competition Licence, be a Child Protection Accredited adult and ideally a licensed BARS Instructor.

45.2.5. Co-drivers must be 21 years or over, not be a parent/guardian of the driver and meet the qualifications of a Stage Rally National 'A' Licence.

45.3.1. Vehicles must be Series Production Cars fully compliant with 46.1.1.

45.3.2. The maximum engine capacity may not exceed 1200cc, naturally aspirated.

45.3.3. The engine and transmission must be standard and unmodified.

Technical Regulations

46. In addition to complying with Section J all cars competing in Stage Rallies must comply with the appropriate parts of the following:

Cars issued with a CCLB before 1st January 2009 see 47.1.1 and Appendix 2.

Special Stage Rallies

Cars Eligible

46.1. All cars must comply with Section J of these regulations, and all statutory regulations concerning the construction and use of vehicles. In addition cars must:

46.1.1. Be currently registered and taxed as a private car, unless specific event regulations relax the requirement for taxation, by virtue of the entire event taking place wholly on private property,

46.1.2. Have registration documents and, where a car is required by law to have a certificate, a valid MOT Certificate where appropriate. These documents must be produced at scrutineering for all events, irrespective of whether or not part of the event takes place on the Public Highway.

46.1.3. Have a valid MSA Competition Car Log Book/Vehicle Passport that must be produced at scrutineering (J.2 and J.3).

46.1.4. Display registration plates in compliance with the current Road Vehicles (Display of Registration Marks) Regulations.

46.1.5. All vehicles must carry a small spill kit complying with J.5.20.13.

46.2. Category 1. Those that have been homologated in Groups 'A' or 'N' of the FIA Appendix 'J', or Groups 1, 2, 3 or 4 of the 1981 FIA Appendix 'J', Non homologated Series Production Cars, or Specialist Rally Cars.

46.2.1. A Specialist Rally Car is a vehicle of which at least 20 examples are manufactured within a consecutive twelve month period and is fitted with a Series Production Car Engine or Specialist Competition Engine.

46.2.2. Modifications are free within MSA Vehicle Regulations and as defined below in 48.

46.2.3. The car must be in the configuration as supplied by the manufacturer, with the engine (any Series Production Car Engine or Specialist Competition Engine) in the original location.

Motor Sports House

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Monday - Thursday 9.30 - 5.30

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Website: www.msauk.org

(R) Rallying

46.2.4. Cars must retain the original number of, and location of, driven wheels, Front Wheel Drive (FWD), Rear Wheel Drive (RWD) or Four Wheel Drive (4WD), except where a 4WD car, other than a Specialist Rally Car, is converted to Two Wheel Drive (2WD) without structural alteration.

46.3. Category 2. Any car not complying with 46.2.1-46.2.4 that may be authorised for use at the discretion of the MSA including cars homologated and remaining fully compliant with FIA R/GT regulations.

46.3.1. Such authorisation will only be granted for cars which retain the original manufacturer's chassis/bodywork/ unitary construction.

46.3.2. Substitution by a space frame chassis will not be accepted.

46.3.3. Original manufacturer's bodywork must be utilised.

46.3.4. Any modifications homologated by the FIA may be incorporated.

46.3.5. Replica copies of manufacturers homologated body parts/aerodynamic devices will not be accepted.

46.3.6. Manufacturers of very low volume numbers of cars will be able to apply for baseline specification registration prior to sale to individual customers.

46.3.7. The conversion of front wheel drive cars to rear wheel drive (or four wheel drive) is permitted subject to the body construction alterations from the bulkhead rearwards being limited to those detailed in FIA Art.279.3.2.2 and shown in FIA Appendix J Drawings 279-1 and 279-2.

46.3.8. All materials added must be ferrous and must also be welded to the chassis/bodywork/unitary construction.

46.3.9. Doors and windscreen must remain in the manufacturer's original material.

46.3.10. Cars must be fitted with an engine in compliance with 48.2 and the following:

46.3.11. If forced induction is used the turbo/super charger must comply with 48.2.5.

46.3.12. The vehicle may not be used in competition until the Competition Car Log Book/Vehicle Passport has been validated by the MSA and returned to the vehicle owner.

47.1.1. Stage Rally Cars with a CCLB/VP issued before 1st January 2009, and which complied with H265 or H266 of the 2008 regulations, must comply with 46.1, 48.1.1, 48.1.8, 48.1.9, 48.1.11, 48.1.13, 48.2.5, 48.5, 48.6, 48.7, 48.8 and 48.10, from 1st January 2012. CCLBs/VPs for these vehicles remain valid until such time as the vehicle requires a full re-inspection following rebuilding, but may be returned to the MSA for updating ownership, colour and other minor details.

47.1.2. All Stage Rally Cars with a CCLB/VP issued before 1st January 2009 and which complied with H267 of the 2008 regulations, must comply with 46.1, 46.3, 48.1.1, 48.1.8, 48.1.9, 48.1.11, 48.1.13, 48.2.5, 48.5, 48.6, 48.7, 48.8 and 48.10, from 1st January 2012 and must have been re-inspected and issued with a new CCLB/VP prior to that date.

47.1.3. Any Stage Rally Car with a CCLB/VP issued before 1st January 2009 must comply with 48.1.10. and 48.1.12. from 1st January 2011.

Body

48.1. The term body shall include bodywork, bodyshell, unitary construction.

48.1.1. Have a bulkhead between any fuel tank and filler and driver/passenger compartment sufficient to prevent the passage of flame or liquid. Where a fuel tank constitutes part of a bulkhead between passenger and luggage compartment, an additional bulkhead must be fitted. Additional fuel tank protection may be required.

48.1.2. All bodyshells, inclusive of removable panels and parts must be of the vehicle manufacturers specified materials, specifications and minimum thickness with the exception of bonnet, front wings, bumpers, hatchbacks, tailgates and boot lids which may be of alternative materials. Seam welding, and localised gussets/reinforcement is permitted.

48.1.3. With the exception of cars accepted under 46.3, front wings and rear wings/rear quarter panels, and inner wings, may be modified solely for the purpose of fitting wheel arch extensions.

48.1.4. With the exception of cars accepted under 46.3 (see 46.3.7), and cars with modifications conforming to their homologation papers (46.2) floor pans, bulkheads and transmission tunnels may not be modified other than by localised alteration to accommodate the fitting of an alternative engine and/or gearbox and/or differential and/or axle, seats and exhaust.

48.1.5. Provision of access holes purely to facilitate use of an alternative or modified gearbox control system and/or braking system is permitted.

48.1.6. The internal routing of pipes and wires, and safety equipment is permitted.

48.1.7. The conversion of left to right hand drive is permitted including necessary accompanying modifications.

48.1.8. Glass sunroofs are not permitted. Sunroofs may be of a non-shattering solid rigid material other than glass. Any sunroof must be firmly secured in the closed position. The sunroof aperture may be closed by solid material permanently fitted in place.

48.1.9. Windscreens to be of laminated type only.

48.1.10. Side windows if of glass must be of laminated or toughened glass and if of toughened glass must be coated on the inside with a clear transparent safety film. The thickness of this film must not be greater than 100 microns.

48.1.11. Where advertising is allowed on windscreens it must not obscure the driver's vision nor cover more than one third of the depth of the visual area of the windscreen.

48.1.12. The fitting of mud flaps of a flexible material of 4mm minimum thickness behind each wheel extending to a minimum of 40mm each side of the tyre tread and to within 80mm of the ground when the car is unoccupied is mandatory.

48.1.13. Towing eyes of adequate strength and size must be fitted to, or carried for fitting to, the front and rear of the vehicle. They must be painted a distinctive and contrasting colour.

Engine

48.2. Comply with the following specification and actual capacity limits:

48.2.1. Production Car Engines with a maximum of six cylinders:

- Petrol engines with forced induction up to 2000cc with a 34mm restrictor or up to 2500cc with a 32mm restrictor, and diesel engines with forced induction up to 2500cc with a 37mm restrictor.
- Naturally aspirated with more than 2 valves per cylinder – up to 3000cc.
- Naturally aspirated with maximum of 2 valves per cylinder – up to 3500cc.

48.2.2. Metro 6R4 2500cc and 2800cc (Single Plenum) engines complying with MSA Specification, exclusive to 6R4s.

48.2.3. Specialist Competition Engines:

- Naturally aspirated.
- No more than four cylinders.
- No more than four valves per cylinder.
- Maximum capacity of 2,500cc.

48.2.4. Production Car Engines with a maximum of 2 rotors.

- Rotary engine equivalence 1.7. Forced induction rotary engine equivalence $(1.7 \times 1.7.) = 2.89$.
- Rotary engines will be considered equivalent to 4 valves per cylinder petrol engines in respect of the maximum engine capacity including the application of equivalency factor (a) above.

48.2.5. Forced Induction engines must be fitted with a restrictor at a maximum of 50mm from the extremes of the compressor blades. The restrictor orifice to be to the dimensions currently in force in FIA Appendix 'J'. Where there are two forms of forced induction fitted, the restrictor must not exceed the appropriate FIA Appendix 'J' dimensions. Provision must be made for fitting seals to the unit(s). A fee if £3.00 is payable for the sealing of turbo chargers.

48.2.6. With the exception of cars accepted under 46.3, a car may be fitted with a different engine, not exceeding 25% increase of the capacity of the model, when it was supplied as original equipment by its manufacturer.

48.2.7. The engine capacity of FIA R/GT cars complying with 46.3. shall be limited to the current FIA Regulations.

48.2.8. Historic Rally Cars that are fully compliant with 49 are permitted without a restriction on engine capacity in Stage Rallies.

48.2.9. Engine Oil Systems – Unless equipped with a closed loop system, a Catch tank of at least a one litre capacity to be incorporated in the oil breather system.

Transmission and Gear Selection Systems

48.3. The transmission system is free, including gear selection system which may be modified or replaced by an alternative system.

48.3.1. The use of active front and rear differentials, i.e. any system acting directly on the differential adjustments (initial stress, pressure...), is forbidden, except for cars originally homologated by the FIA. Only

entirely mechanical systems are allowed. None of the parameters of the front and rear differentials can be modified except with the help of tools when the car is stopped.

48.3.2. Passive viscous differentials are considered mechanical and are permitted.

Suspension

48.4. With the exception of cars accepted under 46.3, and cars with modifications conforming to their homologation papers (46.2):

48.4.1. The suspension must retain the operating principle and utilise the mounting points as provided by the vehicle manufacturer.

48.4.2. Strengthening of the sprung parts of the chassis and bodywork is allowed provided that the material used is the same material as the chassis/bodywork and follows the original shape and is in contact with it.

48.4.3. Springs, shock absorbers, anti-roll bars and control arms and links may be uprated.

48.4.4. Only mechanically operated anti-roll bar systems are authorised.

48.4.5. The anti-roll setting can only be adjusted directly by the driver, using an exclusively mechanical system without external power.

48.4.6. Any connection between dampers is forbidden.

48.4.7. Any connections between front and rear anti-roll bars are forbidden.

48.4.8. The ride height must be adjustable only with the use of tools and when the car is immobile.

48.4.9. Any servo control activating a power circuit acting directly or indirectly on the suspension parts is forbidden.

48.4.10. Any electronic control system for the shock absorbers is forbidden.

Wheels and Tyres (L.3)

48.5.1. Not be fitted with spiked or studded tyres or any non-skid attachments, other than chains if permitted in SRs.

48.5.2. Have all spare wheels securely fastened in position.

48.5.3. Have complete wheels (flange + rim + tyre) free providing that they can be housed within the original bodywork (including wing extensions) and that they do not exceed the widths in relation to the cubic capacity of the car:

Up to 1150 cc: 7in

Over 1150cc and up to 1600 cc: 8in

Over 1600 cc: 9in.

48.5.4. Note. Wheel widths relate to the capacity of the vehicle, inclusive of the forced induction coefficient.

48.5.5. Rim diameters may be increased or decreased by up to a maximum of 2in. However, the rim diameter must not exceed 18in.

48.5.6. Wheels do not necessarily have to be the same diameter.

48.5.7. The complete wheel shall be measured with the tyre at normal running pressure.

48.5.8. The measurement of the width will be taken at the widest point of the complete wheel, above hub level.

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48.5.9. Wheel fixing by bolts may be freely changed to fixing by pins and nuts.

48.5.10. Must have tyres complying with Section L.

48.5.11. The use of any device for maintaining the performance of the tyre with an internal pressure equal to or greater than atmospheric pressure is forbidden.

48.5.12. The interior of the tyre (space between the rim and the internal part of the tyre) must be filled only with air or nitrogen. This does not preclude the use of inner tubes.

48.5.13. The use of tyre heating devices is prohibited.

48.5.14. For all unsealed surface stage rallies subject to 1.4.1. only those tyres specified in Tyre List 6 are permitted.

Braking Systems

48.6. Braking systems may be modified including fitment of uprated components, conversion of drum brakes to disc brakes and use of alternative friction materials.

48.6.1. The use of non-metallic brake discs is not permitted.

48.6.2. Deleted.

Fuel Systems

48.7. If the filler cap is of the quick release type or where the vehicle has been fitted with a non-standard filler, be fitted with a recessed fuel filler cap.

48.7.1. Fuel lines may be installed within the driver/passenger compartment on safety grounds (J5.13).

48.7.2. Cars must be fitted with a self seal connector of a type complying with J5.13. Except as provided for in J5.13.7 cars issued with a current CCLB prior to 1st January 2009 are not required to have a self seal connector.

Electrical

48.8. There are restrictions concerning the use of auxiliary lights which are detailed in the sporting regulations.

Vehicle Weight Limits

	Cars post 1/1/1982 & 4WD Specialist Rally Cars	Cars up to 31/12/1981	2WD Specialist Rally Cars
Up to 1000cc	720kg	655kg	
Up to 1400cc	840kg	700kg	620kg
Up to 1600cc	920kg	740kg	670kg
Up to 2000cc	1000kg	810kg	720kg
Up to 2500cc	1080kg	880kg	770kg
Up to 3000cc	1150kg	945kg	880kg
Up to 3500cc	1230kg	1005kg	
Up to 4000cc	1310kg	1075kg	

48.9. All homologated cars must conform to the minimum weights stated in their homologation documents.

48.9.1. All non-homologated cars must conform to the minimum weights in the table above. The only exceptions are vehicles that have a specified minimum weight recorded in their MSA Competition Car Log Book/Vehicle Passport.

48.9.2. The checking of vehicle weights will be as set out in FIA Appendix J.

48.9.3. Note. Minimum weights relate to the cubic capacity of the car, inclusive of the forced induction coefficient.

Safety

48.10.1. Have, as a minimum, safety roll-over bars complying with K.1, Section K Appendix 2 Drawing number 5 or 6, and longitudinal door bars complying with K.1.3.5(b) (side sections K Appendix 2 Drawing number 9).

48.10.2. Be equipped with an internal switch that is capable of isolating all electrical circuits and completely stopping the engine. The operating switch must be positioned so that it can be operated by the driver and the co-driver when normally seated with seat belts fastened.

48.10.3. Be equipped with an external circuit breaker complying with K.8.

48.10.4. Have currently FIA Homologated seat belts complying with K.2.1.2, K.2.1.3 or K.2.1.4 (four, five or six point).

48.10.5. Be equipped with fire extinguishers complying with K.3.1.4, and also all the relevant parts of K.3. The driver and co-driver must each be able to activate the extinguisher when normally seated with seat belts fastened.

48.10.6. Be fitted with front seats that are currently FIA homologated complying with K.2.2, with appropriate seat mountings and Section K Appendix 2 Drawing number 32.

48.10.7. Have substantial underbody protection covering any area of a fuel tank exposed to running damage.

48.10.8. Be equipped with high-intensity horns that can be operated by the driver and the co-driver.

48.10.9. Competing cars must carry an Emergency Red Warning Triangle and an SOS/OK Board (25.4).

48.10.10. If a camera is carried, the fitting must be specifically approved by a Scrutineer.

48.10.11. Belt cutter(s) must be carried on board at all times. Both driver and co-driver must be able to reach a belt cutter when seated with their harness fastened.

Historic Special Stage Rallies

49. The MSA has created the Regulations in 49 so that Historic Cars may be used for competitions under a set of rules that seek to preserve the specification of their period and prevent modifications of performance and behaviour which could arise through the application of modern technology. Historic competition is not simply another formula in which to acquire trophies, it is a discipline apart, in which one of the essential ingredients is a devotion to the cars and to their history. Historic Motor Sport enables the active celebration of the History of the Motor Car.

Historic Special Stage Rally vehicles must comply with Special Stage Rally Technical regulations with the

following exceptions 46.2, 46.3, 48.2, 48.2.6, 48.3, 48.4, 48.5, 48.6, 48.8, 48.10.1.

And the regulations below.

Cars Eligible

49.1. Historic Category 1 Rally Cars:

Must have been first registered before 1 January 1968.

49.1.2. Historic Category 2 Rally Cars:

Must have been first registered between 1 January 1968 and 31 December 1974.

49.1.3. Historic Category 3 Rally Cars:

Includes cars registered and homologated in Groups 1, 2, 3 or 4 between 1 January 1975 and 31 December 1981. Cars in Category 3 must comply with their Homologation forms and Appendix J of the 1981 FIA Yellow Book.

49.1.4. Historic Category 4 Rally Cars:

Includes cars registered and homologated in Groups A, N and B between 1 January 1982 and 31 December 1985 excluding any cars that were regulated out by the FIA in period from rallies for safety reasons. Cars in Category 4 must comply with their Homologation forms and Appendix J of the 1985 FIA Yellow Book.

Cars homologated in Group B with an effective engine capacity exceeding 1600cc must have been issued with a valid FIA Historic Technical Passport (HTP), be in compliance with this document and the current FIA Appendix K at all times.

49.2. FIA Appendix K to the International Sporting Code: Historic Rally Cars fully compliant with the current FIA Appendix K. Cars must have been issued with a valid FIA Historic Technical Passport (HTP), be in compliance with this document and the current FIA Appendix K at all times. Vehicles are exempt from 46.1.3.

Historic Categories 1, 2, 3 and 4

49.5. A validated Historic Rally Vehicle Identity Form (HRVIF) must be obtained from the MSA and presented at scrutineering. This will be the definitive document for the technical specification of the vehicle for which it has been issued.

The HRVIF will remain valid for a period of 10 years from the date of issue or such time as the registered owner of the vehicle changes.

49.5.1. Cars in any of the categories registered after the appropriate date may be Permitted, providing that documentary evidence is submitted to the MSA with the identity form to show that the specific car (not model) was manufactured within the specified period. This evidence will include any technical documentation supplied by the manufacturer, documents relative to the vehicle, information available concerning chassis and engine numbers and any other details from reliable and authenticated sources as may be available. On receipt of satisfactory evidence the MSA will issue an Historic Rally Vehicle Identity Form which must be presented at scrutineering with the registration document.

49.5.2. Category 3 and Category 4 vehicles must also present their Homologation forms.

49.5.3. Upon issue of the validated HRVIF the applicant will be issued with two individually numbered Motor Sports Association Registered Historic Rally Vehicle stickers (appendix 1: Drawing Number 49.5). These

stickers must be affixed to the car one per side located on the rear section of the front wing.

An MSA licenced Eligibility Scrutineer may remove the MSA stickers if the vehicle is found not to comply with R49-49.11.4.

Permitted Modifications

49.6. Only period modifications used in rallying on the particular make and model of car are permitted for Historic Category 1, 2, 3 and 4 Rally Cars.

49.6.1. They should be detailed on the Historic Rally Vehicle Identity Form and duly ratified by the MSA.

49.6.2. Modifications are only allowed if they were available before:

1 January 1968 for Historic Category 1 Rally Cars.

1 January 1975 for Historic Category 2 Rally Cars.

1 January 1982 for Historic Category 3 Rally Cars.

1 January 1986 for Historic Category 4 Rally Cars.

49.6.3. In all cases the onus of proving a modification as being period rests with the Competitor who must submit the required documentary evidence.

49.6.4. Exceptionally, the MSA may grant a dispensation to use non-original parts, parts from a different model, or parts from a later period, provided that the use of these parts does not confer an advantage in either performance or reliability. The MSA will give consideration to written requests from Competitors who are unable to source vital components.

49.6.5. Competitors will be notified by means of an Official Bulletin of any part subject to dispensation and a full list of dispensations will be published annually.

Recommended Classes

49.7.1. Historic Category 1 Rally Cars. Pre- 1.1.60.

Class A1 up to 1200cc

Class A2 1201cc up to 1500cc

Class A3 Over 1501cc

From 1.1.60 - 31.12.67

Class B1 Up to 1000cc

Class B2 1001cc up to 1300cc

Class B3 1301cc up to 1600cc

Class B4 1601cc up to 2000cc

Class B5 2001cc up to 2500cc

Class B6 Over 2501cc

49.7.2. Historic Category 2 Rally Cars. 1.1.68 – 31.12.74.

Class C1 Up to 1300cc

Class C2 1301cc to 1600cc

Class C3 1601cc to 2000cc

Class C4 Over 2001cc

Class C5 All cars having engines with both more than one camshaft and more than two valves per cylinder.

All cars with a Rotary Engine.

49.7.3. Historic Category 3 Rally Cars. 1.1.75 – 31.12.81.

Class D1 Up to 1300cc

Class D2 1301cc to 1600cc

Class D3 1601cc to 2000cc

Class D4 Over 2001cc

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Class D5 All cars having engines with both more than one camshaft and more than two valves per cylinder. All cars with a Rotary Engine.

49.7.4. Historic Rally Cars complying with FIA Appendix K.

Classes as specified by Article 2.1 of the FIA European Historic Sporting Rally Championship Regulations.

49.7.5. Historic Category 4 Rally Cars. 1.1.82 – 31.12.85.

Class E1 Up to 1300cc

Class E2 1301cc to 1600cc

Class E3 1601cc to 2000cc

Class E4 Over 2001cc

Engine

49.8.1. Cylinder bores may be 60 thousandths of an inch oversize without affecting class eligibility.

49.8.2. Four wheel drive vehicles fitted with forced induction are prohibited in Historic Categories 1, 2 and 3.

49.8.3. Forced induction is only permitted if by means of a mechanically driven super-charger, or by an exhaust driven turbocharger if fitted as original equipment by the vehicle manufacturer (48.2.1(a)). Such cars in Category 1, 2 and 3 will be classified as having an engine capacity increase of one third. Cars in Category 4 will be classified as having an engine capacity increase of 70% and must be fitted with a 34mm restrictor at a maximum of 50mm from the extremes of the compressor blades.

49.8.4. Engines must comply with silencing levels J.5.17. Exceptionally and with the permission of the Chief Scrutineer, those cars for which 5000rpm is inappropriate may be tested at 3/4 of maximum rpm.

49.8.5. Cars in Category 4 equipped with rotary engines will be subject to an equivalency factor of 2:1.

Safety

49.9.1. Deleted.

49.9.2. Vehicles must be equipped with a safety rollover bar in accordance with K1 to K1.4.3 inclusive, K1.6.1 and Section K, Appendix 2, Drawing 37 a) or b). Dotted lines signify optional features.

49.9.3. Door bars may be of single tube, crossed tube or twin tube design [Section (K) Appendix 2 drgs. 12 (g) or (h)]. A single Diagonal Member is mandatory, a second Diagonal Member may be added to form crossed diagonals. Diagonals may be either installed across the Main Rollbar or between the Backstays.

49.9.4. Additional tubes for the mounting of harness shoulder straps are permitted.

49.9.5. All bars must remain within the confines of the Passenger compartment and must not be used as

suspension pick-up point bracing unless the Competitor can prove that this was done in period to the specific model.

49.9.6. Cars in Category 4 must comply with R48.10.1.

49.9.7. Belt cutter(s) must be carried on board at all times. Both driver and co-driver must be able to reach a belt cutter when seated with their harness fastened.

Wheels, Tyres and Brakes (L.3)

49.10.1. The size of wheel may not differ from that originally fitted by more than 10% on nominal diameter.

49.10.2. Rim widths must not exceed 7 inches.

49.10.3. For Categories One, Two and Three, The fitting of tyres with an aspect ratio of less than 70% is prohibited, except where documentary evidence shows that other tyre sizes used in rallying on the particular make and model of car on the particular surface, be that a sealed or unsealed surface, were used in period. For Category Four, and vehicles competing under 49.2, wheels and tyres must comply fully with FIA Appendix K Regulations for Cars in Rallies. Slick tyres are prohibited. There must be a moulded tread pattern at least 1.6mm deep over the whole width of the tyre.

49.10.4. The fitting of a dual master cylinder or any other type of device providing a simultaneous action on all four wheels and divided action on two wheels is permitted, provided the original brake pedal and pivot point are used and they cannot be adjusted to affect brake balance by either the Driver or the Co-Driver when normally seated in the car.

49.10.5. For all unsealed surface stage rallies subject to 1.4.1., only those tyres specified in Tyre List 6 are permitted.

Miscellaneous

49.11.1. The use of gas discharge technology in any forward facing lights, either main beam or auxiliary, or in any reversing light is not permitted.

49.11.2. Unless of the specification used in period for the particular make and model of car, the use of light pods to individually mount or to mount auxiliary lights as one unit is not permitted.

49.11.3. Roof vents may only be fitted if of the same specification as those fitted to the particular make and model of the car in period.

49.11.4. Any underbody protection must be of period specification. Additionally a fibreglass guard, not being made of Kevlar, carbon fibre or similar materials, and moulded closely to the vehicle floor pan, fixed by bolting and/or adhesive may be fitted. It must not extend beyond the front and rear axle centre lines and the outer 100mm on each side must not cover the vertical section of the outer sills.

Appendix 1: Charts and Drawings

Chart 3(a)

CODE	PR REQUIREMENTS
A	Personal visit to an adult member of household within 100m.
B	Letter to each householder within 100m.
C	Public notice.
D	Personally visit and obtain signature from an adult member of any household within 500m of any point where competitors are required to stop (i.e. any control or clue point).
E	Consult RLO.
F	Personal visit to an adult member of household within 150m.
G	If timed to the second, not pass through any area which has in excess of 20 occupied dwellings within 300m radius of the route, unless written agreement is given by all of the householders within that area and the MSA has given its permission.
H	Letter to each householder within 100m, unless the RLO agrees to a lesser requirement.

(R) Rallying

Chart 3(b)

PR REQUIREMENTS ALL EVENTS TRAVERSING THE PUBLIC HIGHWAY

Permit	Section	Road Type	Time	PR Requirement	
ROAD RALLY (inc. HISTORIC)	STANDARD (timed to second) inc.	All Classes (see 49) (see 50)	23.59 to 1 hour after sunrise	A(G)	D
	STANDARD (time to minute)	All Classes	24 hour	B	D
	REGULARITY	A & B Habitation	22.00 to 07.00	C	D
		Yellow/White UCR/Private	24 hour	H	D
		A & B Habitation	07.00 to 22.00	E	D
		White/UCR/ Private	24 hour	B	D
	TRANSPORT & NEUTRAL	Yellow	22.00 to 07.00	B	D
		Habitation	24 hour	C	D
		A, B & (Yellow 07.00 to 22.00)			
ECONOMY, NAVIGATIONAL & 12 CAR RALLIES (All types) VINTAGE (22.00 to 07.00)	STANDARD & REGULARITY	A & B Habitation	22.00 to 07.00	C	D
		A & B Habitation	07.00 to 22.00	E	D
		Yellow/White UCR/Private	24 hour	H	D
		White/UCR/ Private	24 hour	B	D
	TRANSPORT & NEUTRAL	Yellow	22.00 to 08.00	B	D
		A, B, Habitation & (Yellow 07.00 to 22.00)	24 hour	C	D
VINTAGE (07.00 to 22.00)	ALL	ALL	07.00 to 22.00	C	D
VETERAN	ALL	ALL	24 hour	C	D
NAV. SCATTERS	ALL	ALL	24 hour	E	D
TREASURE HUNTS TOURING ASSMS.	ALL	ALL	24 hour	E	D
SPECIAL STAGE RALLIES including SINGLE VENUE STAGE RALLIES	ROAD	A & B, Habitation	22.00 to 07.00	C	D
		Yellow	22.00 to 07.00	B	D
		White/UCR/ Private	24 hour	B	D
		A, B, Yellow Habitation	07.00 to 22.00	E	D
	ACCESS/EGRESS To/From STAGE To PUBLIC HIGHWAY	ALL	24 hour	F	D
	SPECIAL STAGE	Private or Roads Closed by appropriate Legislation	24 hour	F	
CLASSIC TRIALS and ALL OTHER EVENTS USING THE PUBLIC HIGHWAY		White/UCR/ Private	24 hour	B	D
		Yellow	22.00 to 07.00	B	D
		A, B, Habitation & (Yellow 07.00 to 22.00)	24 hour	C	D

For Codes see table on previous page

Chart 13 – Penalties

SUMMARY OF PENALTIES TO BE APPLIED ON SCHEDULED TIMED EVENTS

- Performance will be assessed in one of the methods listed, either by time penalty or by the 'fails' system. The SRs must specify which system is to be used.
- *These penalties may be increased by the SRs; they may not be reduced.
- **The penalty may be increased if stated in the SRs.
- The items in *italics* may not be varied by the rally organisers.

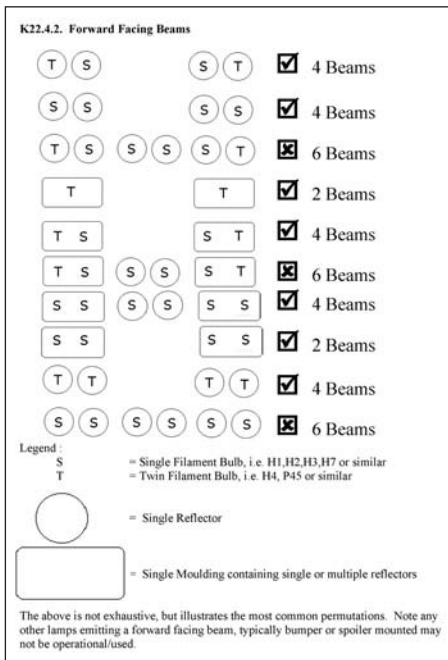
	Time	Fails
(a) Not reporting or reporting OTL at a Main Time Control	<i>Retired</i>	
* (b) Not reporting or reporting OTL at any other Time Control	30 minutes	1 Fail
* (c) Not complying with the route card including visiting a control more than once	15 minutes	1 Fail
* (d) Not reporting at Passage Control or providing proof of visiting a Route Check	5 minutes	1 Fail
* (e) Arrival before scheduled time at the end of a Standard Section	2 minutes per minute	
* (f) Arrival after due time at the end of a Standard Section	1 minute per minute	
* (g) Arrival before due time at the end of a Neutral Section	30 minutes	1 Fail
** (h) Arrival before due time at an intermediate control or finish control of a Regularity Section	Actual time early	
* (j) Arrival after due time at an intermediate control or finish control of a Regularity Section	Actual time late	
* (k) Breach of any statutory requirement concerning the use of a motor vehicle	30 minutes	1 Fail
(l) Contravention of 12.7 *First Offence <i>Second Offence</i>	30 minutes	1 Fail <i>Exclusion</i>
(m) Excessive speed or driving likely to bring motor sport into disrepute	<i>Exclusion</i>	
(n) Excessive sound	<i>Exclusion</i>	
(o) Receiving assistance contrary to 7.2.4	<i>Exclusion</i>	
(p) Breach of 7.2.3, 18.6.4, 116	<i>Exclusion</i>	
(q) Breach of 5.4, 15.1.2, 15.1.4, 9.1.3, 9.1.4, 9.1.5, 9.1.6	<i>Exclusion</i>	

Penalties left to the discretion of the Clerk of the Course which may go as far as exclusion (G.5.3).

- (r) Failure to follow the instructions of an official.
- (s) Further breaches of (k).
- (t) Breaches of Regulations detailed in Section C.

(R) Rallying

Drawing number 18.5



Drawing number 49.5

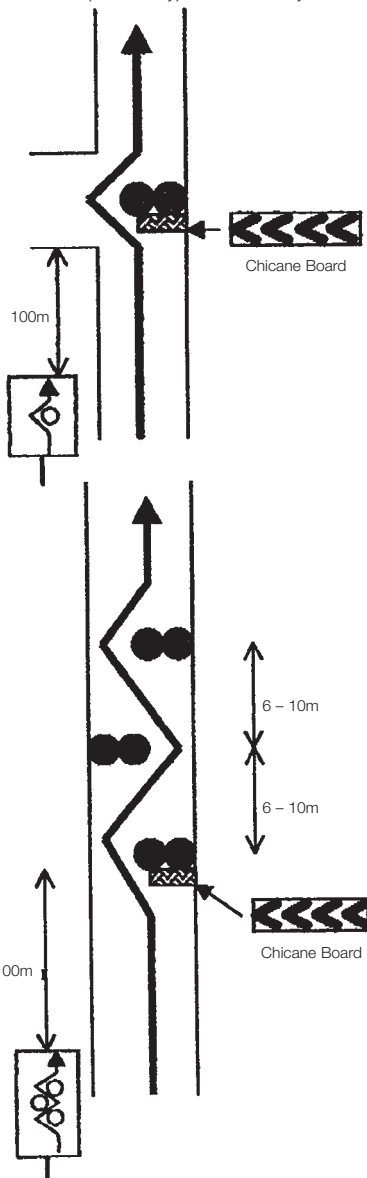


Drawing number 29.1.1

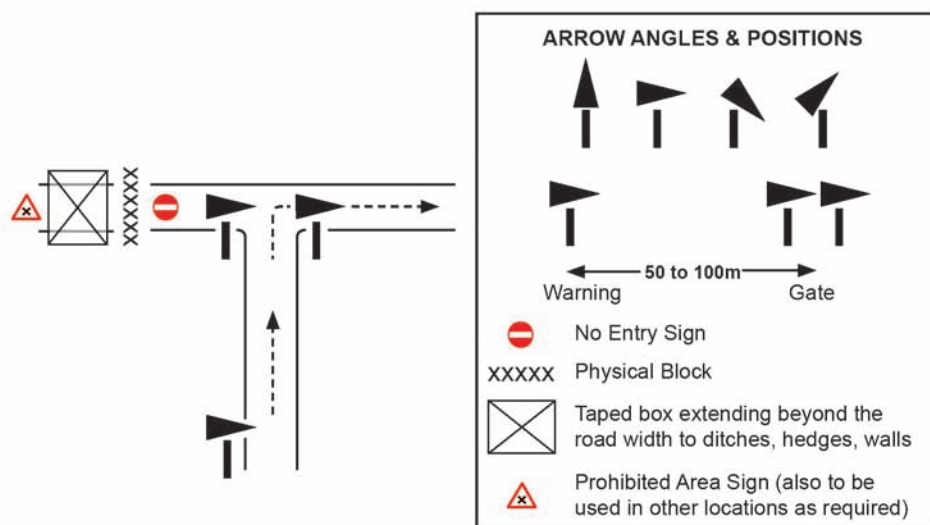
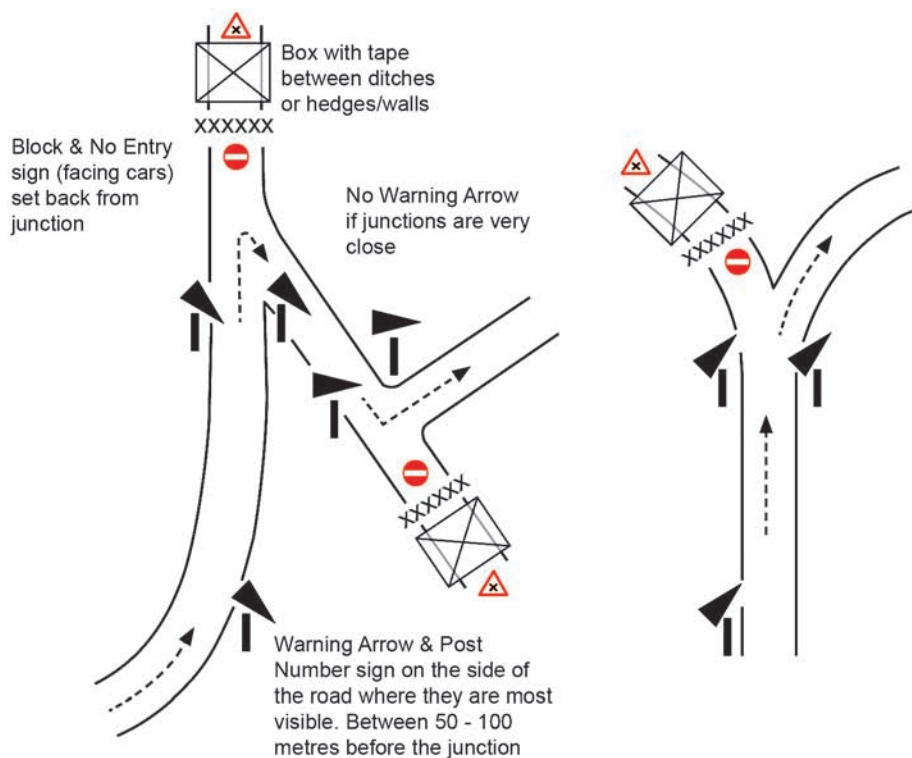


CHICANE ENTRANCE BOARD

Examples of a typical chicane layout:










Drawing number 29





(R) Rallying

Drawing number 29.1.4

Beginning of Control Area (Stage Arrival)	Yellow background	
At Stage Arrival Control	Red background	
At Stage Start	Red background	
Warning of Stage Finish (Both sides of track 100m prior to Flying Finish Line)	Yellow background	
At Flying Finish Line (Both sides of track)	Red background	
Countdown Boards (Evenly spaced between flying finish and stop line)		
At the Stop Line	Red background	

Drawing number 29.5

Approximately 100m before Radio Point	Yellow background	
At Radio Point	Blue background	

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WIRELESS CONTROL AT YOUR FINGERTIPS**



The **ONLY** wireless steering wheel button system to use Encrypted RF Transmission Technology. The 8 Channel fully programmable RAPTOR is available in both Race and Road Versions from respected retailers or buy direct from

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* ROAD Model shown with IVA Compatible Switch Assembly

ROAD R

Chart 32.2 – Penalties

SUMMARY OF PENALTIES TO BE APPLIED ON TARGET TIMED EVENTS

- Competitors will start with zero penalties.
- *The Supplementary Regulations must state positively whether the penalty for lateness is to be applied. If not stated any such lateness will be penalty-free.
- Performance will be assessed as follows:-

(a) Not reporting at a control	Retired
(b) Not complying with a requirement of the Road Book	10 minutes
(c) Not performing a stage correctly	Stage maximum
(d) Not attempting or being ready to attempt a stage when instructed to do so	10 minutes
(e) Making a false start at a special stage	1 minute
(f) (i) Every second taken to complete a special stage where timing is to the preceding whole second	1 second
(f) (ii) Every second and 10th of a second taken to complete a special stage where timing is to the preceding whole 10th of a second	1 second and 10th of a second
(g) For each minute under target time on a road section or in a service area	1 minute
*(h) Only if specifically mentioned in the SRs, for each minute over target time on a road section or for each minute over target time in a service area	10 seconds
(j) For each minute before or after due time at Main Time Control (out)	10 seconds
(k) Breach of any statutory requirement concerning the use of a motor vehicle	10 minutes
(l) Excessive speed or driving likely to bring motor sport into disrepute	10 minutes
(m) Excessive sound	10 minutes
(n) Receiving assistance contrary to 38	Exclusion & reported to MSA
(o) Breach of 38.1.2 to 38.1.4	10 minutes
(p) Breach of Regulations: 5.4, 40.1.3, 25.1, 25.1.1, 25.3, 25.5, 25.6	Exclusion
(q) Unauthorised use or possession of Pace Notes (25.9) or unauthorised presence on a stage (5.1.4)	Exclusion & reported to MSA
(r) Failure to comply with 25.4	Exclusion & reported to MSA
(s) Breach of Regulations: 24.4.5 or 25.6.3.	Exclusion

Penalties left to the discretion of the Clerk of the Course which may go as far as exclusion (G.5.3).

- (aa) Failure to follow the instructions of an official.
- (bb) Further breaches of (b), (c), (d), (e), (k), (l), (m) or (n).
- (cc) Repeated misbehaviour of service crew.
- (dd) Reporting late for Scrutineering.
- (ee) Misuse of SOS and/or OK boards.
- (ff) Unauthorised testing or practicing (26.7).
- (gg) Causing an obstruction (24.6).
- (hh) Breaches of Regulations detailed in Section C.
- (ii) Failure to comply with control check-in procedures.

(R) Rallying

Chart 32.8 – Penalties

SUMMARY OF PENALTIES TO BE APPLIED ON SCHEDULED TIMED SPECIAL STAGE RALLIES

- Performance will be assessed by one of the methods listed, either by time penalty or by the 'fails' system. The SRs must specify which system is to be used.
- *These penalties may be increased by the SRs; they may not be reduced.
- **The penalty may be increased if stated in the SRs.

The items in italics may not be varied by the rally organisers.

	Time	Fails
(a) <i>Not reporting or reporting OTL at a Main Time Control</i>	Retired	
*(b) Not reporting or reporting OTL at any other Time Control	30 minutes	1 Fail
*(c) Not complying with a requirement of the Road Book	10 minutes	1 Fail
(d) Not performing a stage correctly	Stage Maximum	
(e) Not attempting or being ready to attempt a stage when instructed to do so	10 minutes	
(f) Making a false start at a special stage	1 minute	
(g) (i) Every second taken to complete a special stage where timing is to the preceding whole second	1 second and	
(g) (ii) Every second and 10th of a second taken to complete a special stage where timing is to the preceding whole 10th of a second	1 second and 10th of a second	
(h) For each minute before due time on a road section or in a service area	1 minute	
*(i) Only if specifically mentioned in the SRs, for each minute after due time on a road section or for each minute over target time in a service area	10 seconds	
(j) For each minute before or after due time at Main Time Control (out)	10 seconds	
(k) Breach of any statutory requirement concerning the use of a motor vehicle	10 minutes	1 Fail
(l) Contravention of 32.5 <i>*First Offence</i> <i>Second Offence</i>	30 minutes	1 Fail
	Exclusion	
(m) Excessive speed or driving likely to bring motor sport into disrepute	10 minutes	1 Fail
(n) Excessive sound	10 minutes	1 Fail
(o) Receiving assistance contrary to 38	Exclusion & reported to MSA	
(p) Breach of 38.1.2 to 38.1.4	10 minutes	
(q) Breach of Regulations: 5.4, 40.1.3, 25.1, 25.1.1, 25.3, 25.5, 25.6	Exclusion	
(r) Unauthorised use or possession of Pace Notes (25.9) or unauthorised presence on a stage (5.1.4)	Exclusion & reported to MSA	
(s) Failure to comply with 25.4	Exclusion & reported to MSA	
(t) Breach of Regulations: 24.4.5 or 25.6.3.	Exclusion	

Penalties left to the discretion of the Clerk of the Course which may go as far as exclusion (G.5.3).

- (aa) Failure to follow the instructions of an official.
- (bb) Further breaches of (b), (c), (d), (e), (l), (m), (n) or (o).
- (cc) Repeated misbehaviour of service crew.
- (dd) Reporting late for Scrutineering.
- (ee) Misuse of SOS and/or OK boards.
- (ff) Unauthorised testing or practicing (26.7).
- (gg) Causing an obstruction (24.6).
- (hh) Breaches of Regulations detailed in Section C.
- (ii) Failure to comply with control check-in procedures.

Appendix 2: 2008 Regulations for Stage Rally Cars

Technical Regulations

The 2008 Stage Rally Technical Regulations are reproduced herewith for application to all Stage Rally cars with a CCLB issued before 1st January 2009 and are to be read in conjunction with the transitional arrangements 46.3.12 in the current regulations.

Special Stage Rallies

Cars Eligible

2008/262. Eligible vehicles must comply with all Statutory Regulations as to Construction and Use, especially regarding brakes, lighting, tyres, warning devices, rear view mirrors, silencers, speedometers, wings and windscreens.

2008/263. They must be currently registered and taxed as a private car, unless the SRs relax the requirement for tax if the event takes place wholly on private property. At such events however the vehicle must bear the registration mark of the registration documents, which must be produced at scrutineering. A valid MoT certificate must also be produced at scrutineering is applicable, whether or not any part of the event takes place on the public highway.

2008/264. Where vehicles are fitted with a different engine, it must not have a capacity increase of more than 50% over the original, unless the conversion has been inspected and approved in writing by a National A or International Scrutineer.

2008/265. Modifications are free within MSA Vehicle Regulations and as defined in 2008/262 to 2008/282 for those vehicles that have been homologated in:

- Groups A or N of FIA Appendix J, or
- Groups 1, 2, 3 or 4 of the 1981 FIA Appendix J, or
- Non-Homologated Series Production Cars
- Vehicles must be in the configuration as supplied by the manufacturer, with the engine (either production car engine or specialist Competition engine) in the original location and with the original form of induction (normally aspirated or forced induction)
- The original means of forced induction is limited to the original fuel type.
- The vehicle must also have the original number of driving wheels (two wheel drive or four wheel drive).

2008/266. Other eligible vehicles include those not complying with 265 that are fitted with a production car engine which are:

- Normally aspirated cars not exceeding 3000cc with no more than two valves per cylinder, or
- Normally aspirated cars not exceeding 2500cc with more than two valves per cylinder.

2008/267. Other cars not complying with 2008/265 or 2008/266 may be eligible at MSA discretion. Approval guidelines for these cars are available from the MSA, but eligibility will only be granted for cars which retain the original manufacturer's body construction and which have not been substantially altered. They must also be

fitted with a recognised Production Car Engine or specialist Competition engine (as defined in The Terminology).

2008/268. All cars must be presented for Scrutineering with a valid MSA Competition Car Log Book [C(b)-3].

Body

2008/269. Vehicles must have a bulkhead between any fuel tank and filler and the Driver/Passenger compartment sufficient to prevent the passage of flame or liquid. Where a fuel tank constitutes part of a bulkhead between the Passenger and luggage compartment, an additional bulkhead must be fitted. Additional fuel tank protection may be required.

Engine

2008/270.

- (a) Engines must comply with C(b)-10.
- (b) Forced induction engines must be fitted with a restrictor at a maximum of 50mm from the extremes of the compressor blades. The restrictor orifice dimensions must be as specified in FIA Appendix J. Where there are two forms of forced induction fitted, the restrictor must not exceed the appropriate FIA Appendix J dimensions. Provision must be made for fitting seals to the units. A fee of £3.00 is payable for sealing turbo-chargers.

Wheels and Tyres

2008/271.

- (a) Vehicles must not be fitted with spiked or studded tyres or any non-skid attachments, other than chains if Permitted in the SRs.
- (b) They must have all spare wheels securely fastened in position
- (c) Must have complete wheels free providing they can be housed within the original bodywork (including wing extensions) and they do not exceed the widths in the following capacity divisions:

up to 1000cc	7.0in	up to 3000cc	10.0in
up to 1300cc	7.5in	up to 4000cc	11.0in
up to 1600cc	8.0in	up to 5000cc	12.0in
up to 2000cc	9.0in	over 5000cc	13.0in

2008/272. Homologated FIA Appendix J rim diameters may be increased by up to a maximum of 2in.

2008/273. Wheel widths relate to the capacity of the vehicle, inclusive of the forced induction coefficient, not the Class divisions of the event. The complete wheel (flange + rim + tyre) must be measured with the tyre at normal running pressure. The measurement of the width must be taken at the widest point of the complete wheel, above hub level.

2008/274. Vehicles must have tyres complying with Section C(e). The use of any device for maintaining the performance of the tyre with an internal pressure equal to or greater than atmospheric pressure is forbidden. The interior of the tyre (the space between the rim and the internal part of the tyre) must be filled only with air or nitrogen. This does not preclude the use of inner tubes. The use of tyre heating devices is prohibited.

(R) Rallying

Fuel Systems

2008/275. If the filler cap is of the quick release type, or where the vehicle has been fitted with a non-standard filler, the vehicle should have a recessed fuel filler cap.

Electrical

2008/276. Vehicles should have any lights, additional to the headlight system and sidelights, considered as auxiliary lights. They should not use any auxiliary lights in road sections except in poor visibility conditions as Permitted by law. All lights should be fitted in accordance with motor vehicle lighting regulations.

Safety

2008/277. Vehicles must have safety roll-over bars complying with C(c)-31-36, C(c)-Appendix 2, Drawing 3 (steel frames are mandatory), and longitudinal door bars complying with C(c)-20 (side sections of C(c)-Appendix 2, Drawing 9). Be quipped with an internal switch that is capable of isolating all electrical circuits and completely stopping the engine. The operating switch must be positioned so that it can be operated by both the driver and the co-driver when normally seated with seat belts fastened. Must also be equipped with an external circuit breaker complying with C(c)-75-76.

2008/278. Currently FIA Homologated seat belts complying with C(c)-45.4 point, fire extinguishers

complying with C(c)-Table 56(e) and (f) and head restraints complying with C(c)-103-104.

2008/279. Substantial underbody protection covering any area of fuel tank exposed to running damage should be fitted, along with high-intensity horns that can be operated by either the Driver or the Co-Driver. Air-horns are strongly recommended. All competing cars must carry an emergency Red Warning Triangle.

Miscellaneous

2008/280. Windscreens must be of a laminated type only. Where advertising is allowed on windscreens, it must not obscure the Driver's vision nor reduce the minimum unobstructed vertical height to less than 25cm. Silencing levels must comply with C(b)-23.

2008/281. The fitting of mud flaps behind all four wheels extending to a minimum of 3.8cm each side of the tyre tread and a maximum of 7.6cm above the ground is recommended. Towing eyes of adequate strength and size must be fitted front and rear within the confines of the body. They must be painted a distinctive colour. Any sun roof must comply with G 129.

2008/282. If a camera is carried, its fitting must be specifically approved by a Scrutineer. Fuel lines may be installed within the Driver/Passenger compartment on safety grounds (in non-FIA calendar events only) [C(b)-19]. Pump fuel must be used as defined in The Terminology.

Specific Regs for Sprints, Hill Climbs and Drag Racing (S)



Specific Regulations for

Sprints, Hill Climbs and Drag Racing

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Production Cars and Roadgoing Specialist
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Organisers' Regulations

Organisers of any Sprint, Hill Climb or Drag Race Meeting must comply with the Common Regulations for Organisers (Section D) and the following:

General

1.1. Permits for Sprints, Hill Climbs and Drag Races are issued at the sole discretion of the MSA, and are dependant upon a valid track licence being in existence.

1.1.2. A club will only be allowed to organise events up to National 'A' status, unless the MSA have specifically approved an application for higher status.

1.1.3. The appropriate local hospital authorities shall be

notified as to the date and time of the event, including practice.

1.1.4. MSA licensed Clerks of the Course Timekeepers and Scrutineers, appropriate to the grade of the event, must be appointed.

The Clerk of the Course

1.2. In the case of all Sprints or Hill Climbs, the Clerk of the Course must hold a CofC licence issued by the MSA valid for that grade of meeting.

1.2.1. For Criteria see Section G.

1.2.2. At all National 'A' and above events, there should be at least one, but not more than two, licensed Deputy/Assistant Clerks of the Course, in addition to the Clerk of the Course.

1.2.3. At all other events it is recommended that there should be at least one, but not more than two, Deputy/Assistant CofCs in addition to the CofC.

Practice/Racing Restrictions

***2.1. Practice.** With the exception of Drag Races, all Competitors must receive the following opportunities for practice:

2.1.1. Where the course and braking area is straight: two practice runs

2.1.2. Where the course and braking area is not straight, and before the competitive runs: two practice runs.

Drivers are also Permitted to either:

- (i) Walk the course, or
- (ii) Drive over it at a non-competitive speed.

Supplementary Regulations (SRs) must state which option is to be adopted.

2.1.3. At closed circuit Speed events one lap constitutes one practice run.

2.1.4. Any Driver who has not previously competed at the course within the preceding three months, must make at least one observed practice run in the car to be raced. The Stewards of the Meeting may waive this requirement where a Driver has practised in at least one car, or can give satisfactory evidence of familiarity with the course, and any other car in which he is entered to compete but has not practised.

2.2. Where practice times are not required for the purpose of arranging the order of competing, such times will be unofficial. Failure to record a time in such a case, for whatever reason, will not automatically qualify the competitor concerned to a re-run, but this may be authorised by the Clerk of the Course.

Starting

***3.1.** The SRs will specify:

- (a) The starting signal.
- (b) The method of timing.
- (c) When timing commences.

Sprints, Hill Climbs and Drag Racing (S)

3.2. Cars shall be started from a standing start with the engine running. No car shall be started whilst there is an obstruction in its path either on the course or in the braking area after the finish, unless the track licence allows more than one car to be on the course at the same time.

3.2.1. Vehicles starting singly or in line abreast shall be placed as follows:

- (a) When start timing is activated by a light beam, the vehicle must be stationary with the part which operates the timing apparatus 10cm behind the starting line.
- (b) If the timing is not recorded automatically, with that part of the front tyres which is in contact with the ground resting upon the starting line.

***3.3.** The finishing line will be clearly indicated.

Flag Signals

4. Flag signals will normally be restricted to a Red flag at each post. Marshals should be briefed as to halting a competitor in the event of an incident in accordance with 9.3.7.

4.1. At Sprints at race circuits other flag signals as specified in Q.5 may be used provided their use is clearly defined in the SRs.

Medical and Rescue Requirements

5.1. Ambulance and Staff. The Organisers in conjunction with the Chief Medical Officer will ensure that during practice sessions and competition the following are in attendance:

5.1.1. Adequate first-aid staff (e.g. members of St. John Ambulance Association, British Red Cross Society or St. Andrew Ambulance Association).

5.1.2. Ambulances should be equipped with basic resuscitation equipment and, if possible, a Casualty Immobiliser for handling a patient over difficult terrain. These ambulances to be reserved for use in connection with casualties arising from the competition.

5.1.3. It is important that the ambulance be so equipped that essential equipment does not have to be taken from any other Emergency Vehicle.

5.2. The minimum medical and rescue requirements (including practice) are:

5.2.1. Hill Climb and Sprint events: One Doctor (or one MSA-Registered Paramedic (F.7.3 to 7.5) and one Rescue Unit (F.2)). Subject to the presence of a correctly crewed and equipped MSA registered Rescue Unit, the attendance of an ambulance is recommended but not mandatory. This is subject to the requirement that if a casualty is within the Rescue Unit the event may not run until the casualty has been released for further care.

5.2.2. Drag Races: One Doctor (or one MSA-Registered Paramedic (F.7.3 to 7.5)) and one ambulance.

5.2.3. The Rescue Unit and the Ambulance must be positioned to ensure unobstructed access to the course.

5.3. In an emergency, the Chief Medical Officer may, at his discretion, designate as an ambulance any vehicle he deems adequate for this purpose.

5.4. When public attendance is expected suitable arrangements must be made by the Organisers for dealing with the first-aid requirements of spectators not arising from the event.

Timekeepers

6. Whenever possible, there shall be at least two timekeepers at all speed events (G.6.1.7, G.6.5).

Competitors' Regulations

General

7.1.1. Competitors in all Sprints, Hill Climbs and Drag Races must comply with the Common Regulations for Competitors (Section H) and the following:

7.1.2. *Cars must be presented for scrutiny and practice at the times specified in the SRs. Any Scrutineering Ticket relating to a previous event must be removed.

7.1.3. Cars competing in Hill Climbs and Sprints must comply with Technical Regulations 10-15 and Section J.

7.1.4. When signing on, a valid Competition/Entrant Licence for Entrant and Driver must be produced.

7.1.5. Any Driver competing in a Racing or Sports Libre car manufactured after 1960 of more than 2000cc (or 1428cc if forced induction) must hold a Speed National A (OPEN) or Race National A Licence (H.16.1.1), unless the car is currently licensed for use on the public highway and competes in the event in a road-legal condition.

7.1.6. Competitors must declare on their entry forms whether or not they have ever held a valid RTA licence. Competitors who have never held a valid RTA licence and who do not have any qualifying signatures towards upgrading their Competition Licence on their Upgrade Card may be specifically observed at the event.

7.1.7. For Drag Race competitors under the age of 18 years a PG Entrant licence is required, H27.1.9. applies.

Competition Licence Retention and Upgrading

8. See Section H.16.1.1 and H.16.2.1.

Scrutineering

9.1.1. No car may be driven in the event until it has been approved by an MSA Scrutineer of the Meeting.

9.1.2. If, after approval, any car is dismantled or modified in a manner that may affect its safety or eligibility, or it is involved in any incident which is likely to have a similar effect, or any aerodynamic device is added or removed, it shall be represented for approval.

Note: Throughout these sections an asterisk(*) indicates a requirement for additional information to be printed in the Supplementary Regulations (SRs).

Text shown in Italics indicate a Regulation which may be amended in the SRs.

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9.1.3. The entrant shall be responsible for seeking such fresh approval.

9.1.4. Any car involved in an incident which is unable to proceed shall not be touched by any person other than officials without the specific approval of the Clerk of the Course. Furthermore, the driver concerned may not drive again without the approval of the Medical Officer in Charge.

9.1.5. Any car involved in an accident shall not be taken away from the course without the prior authority of the Clerk of the Course.

***9.1.6.** The SRs for all Hill Climbs and Sprints should specify if timing is being activated by a light beam. In this case competitors must be reminded that a timing strut in accordance with 10.9 is required.

9.1.7. All cars competing in Hill Climbs or Sprints must be presented for scrutineering with a valid Competition Car Log Book/Vehicle Passport or an MSA Recognised Vehicle Identity Document unless the car is currently licensed for use on the public highway and is competing in a road legal condition or is currently used in circuit racing and is entered in an event on an occasional basis only. The onus of proof rests with the competitor.

9.1.8. Any alteration or modification made to the vehicle, or any amendment to the original details shown in the Competition Car Log Book/Vehicle Passport, must be in accordance with the prescriptions of J.2.1.

9.1.9. Vehicles other than those used for Drag Races may be liable to annual inspection by a Technical Commissioner or designated Scrutineer if:

- (a) Fitted with an engine of a greater capacity than that with which it was constructed; and/or
- (b) Altered or modified to cause a change in classification.

Drivers

9.2.1. Throughout practice and Competition, all Drivers must wear clothing, helmet and goggles complying with K.9 to 11 or, where appropriate, the specific Class regulations for Drag Races. Overalls homologated to either FIA 8856-2000 or FIA 1986 standard are mandatory. Competitors are required to wear flame-resistant gloves (K.14.3(e)).

All these items must be produced for inspection and approval at scrutineering.

9.2.2. Only the driver may be in a car during the competition or practice.

9.2.3. A driver may drive any number of cars for which an entry has been accepted by the organisers, unless the SRs specify a limit.

9.2.4. The same car may not be entered to compete for the same award more than twice, and then only provided it is driven by different drivers.

Numbers

9.2.5. Cars will be identified by means of a competition number, allocated by the organisers, which must be visible from each side of the vehicle and displayed on a contrasting background in a proper and durable way, acceptable to the Chief Timekeeper of the day.

9.2.6. Competition numbers must be covered at all times whilst driving on the public highway.

Paddock and Track Regulations

9.3.1. The spinning of wheels (tyre warming) will only be permitted in a designated area and which should be clearly defined.

9.3.2. Any car unable to complete the course shall be stopped well clear of the course and shall not be moved without prior permission from the Clerk of the Course.

9.3.3. No competing car shall be driven in the reverse direction of the track except under official supervision.

9.3.4. Refuelling and work on the cars, other than by a Driver or Officials, can only be carried out in the paddock unless the Clerk of the Course specifically authorises otherwise.

9.3.5. No more than two people at any time, in addition to the Driver and Officials, are allowed in attendance on each car in the starting area.

9.3.6. Except while on the track no competing car shall be driven at a speed exceeding 10 mph without the specific permission of the Clerk of the Course.

9.3.7.

- (a) In Hillclimbs If the Red flag is displayed, competing cars should come to a standstill when practicable, and await further instructions from the marshals (4).
- (b) In Sprints if the Red flag is displayed, competing cars should come to a standstill when practicable and await further instructions from the marshals, but Q.15.1(j) may apply if the SRs specify that it is applicable.

Starting and Practising

9.4. Cars will start as specified.

9.4.1. Sprints and Hill Climbs: Singly.

9.4.2. The number of vehicles on a track at any one time is that permitted by the track licence.

9.4.3. The starting order will be in classes as determined by the organisers, unless the SRs specify otherwise.

9.4.4. Deleted.

9.4.5. In Hill Climbs or Sprints on sealed surfaces, should a competitor make an unsatisfactory start, and provided that neither of the rear wheel centres have crossed the Start Line, he may be permitted a Re-Start.

9.4.6. Drivers will be under Starter's Orders when instructed by an Official to proceed to the Start Line. If a Competitor takes undue time to comply, the Clerk of the Course may specify that he comes forward within two minutes or he will forfeit his run.

9.4.7. After crossing the finishing line, competitors must slow down as appropriate and proceed as instructed.

Results

(Not applicable for Drag Races)

9.5.1. Drivers must be allowed two runs in the same car in each Class entered, the faster run to count for the results unless the SRs say otherwise.

9.5.2. As between two competitors the more

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meritorious performance will be that of the competitor who has covered the course in a lesser time.

9.5.3. A competitor's time will be credited only if:

- (a) All four wheels of the car are on the track when it crosses the finish line.
- (b) The run is made during the period provided for cars in the appropriate class and not more than the appropriate number of timed runs have been made.
- (c) At events where more than one car starts simultaneously, the competitor has correctly complied with the starting signal.
- (d) The vehicle completes the correct course without outside assistance.

***9.5.4.** If the boundaries of the track are indicated by temporary markers, the SRs shall specify if any and what penalties apply for striking a marker or crossing a given line.

9.5.5. To be classified as a finisher in the competition a competitor must have completed at least one timed run.

9.5.6. Only an equal number of runs for all competitors in the same class will be counted. In the event of a tie between two or more competitors, the results of the next fastest run recorded by the competitors concerned shall be compared, and so on.

9.5.7. If through his own error a driver fails to record a time he shall not be entitled to a re-run.

9.5.8. In other circumstances (e.g. baulking) a re-run may be granted by the Clerk of the Course who may order any penalties incurred in the initial run are applied to the re-run.

9.6. Judges may be appointed to adjudicate on:

- (a) Unsatisfactory or False Starts.
- (b) Not following correct course, or touching marker.
- (c) Baulking.
- (d) Noise.

Technical Regulations

In addition to complying with Section J all vehicles competing in Sprints, Hill Climbs must:

Sprint and Hill Climb Vehicles

10. All Sprint & Hill Climb vehicles must comply with the following, as a minimum:

Safety

10.1.1. Roll-over Safety Bars K.1 to 1.8, except for cars of Periods A – E (Nomenclature and Definitions).

10.1.2. Road-Going Series Production and Road-Going Specialist Production, K.1.6.1 or K.1.6.2 recommended.

10.1.3. Modified Series Production Cars and Modified Specialist Production Cars must comply with K.1.6.1 or K.1.6.2.

10.1.4. Hill Climb Supersports Cars must comply with K.1.6.2 or K.1.6.4. to K.1.6.6.

10.1.5. Sports Libre Cars must comply with K.1.

10.1.5.1. Touring Cars and Sports Cars must comply with Section K, Appendix 2: Drawing number 4 with

diagonal across the main hoop or Drawing numbers 5 or 6 with door bars to Drawing number 12(a), 12(g) or 12(h) on drivers side.

10.1.5.2. Sports Racing Cars must comply with K.1.6.2.

10.1.6. Racing Cars must comply with K.1.6.3.

10.1.7. Seating and Seat Belts, except for cars of Periods A – E (Nomenclature and Definitions).

10.1.8. Road-Going Series Production and Road-Going Specialist Cars: front seats may be replaced by fully trimmed Competition versions.

10.1.9. Road-Going Series Production and Road-Going Specialist Production must comply with K.2.1.1.

10.1.10. Modified Limited Production Cars and Modified Specialist Production Cars must comply with K.2.1.2.

10.1.11. Hill Climb Super Sports Cars, Sports Libre Cars and Racing Cars must comply with K.2.1.3.

10.1.12. With the exception of Racing Cars, the Driver must sit in the same position as in the original car unless period-defined.

10.1.13. Head restraints (K.13): mandatory for all cars except for cars of Periods A – E (Nomenclature and Definitions).

10.1.14. Fire Extinguishers – K.3.1.2(a) recommended for discharge into cockpit and engine compartment.

10.1.15. It is recommended that suitable towing point(s) on all cars shall be clearly identified, and suitably marked, using a contrasting bright colour, accessible from the front and rear.

Body

10.2. Ground clearance 4cm minimum (J.5.20.11).

Windscreens/Glass

10.2.1.

- (a) Windscreens are mandatory for all closed vehicles. They are free for open vehicles.
- (b) Laminated windscreens, lamp glass security and rear view mirrors are not required unless specified in SRs or where there is a possibility of one car overtaking another.
- (c) Windscreen wipers must be operative on all cars with windscreens.

Engines

10.3.1. Forced induction equivalence 1.4.

10.3.2. Rotary engine equivalence 1.5. Forced induction rotary equivalence $(1.4 \times 1.5) = 2.1$.

10.3.3. Must be provided with a means of starting which does not involve push starting except in the case of force majeure, unless period defined.

10.3.4. Undertrays. Must be provided with drainage holes to prevent accumulation of liquids.

10.3.5. Engine Oil Systems – Unless equipped with a closed loop system, a Catch tank of at least a one litre capacity to be incorporated in the oil breather system.

Wheels and tyres

10.4. Must have any nuts securing road wheels, except those of centre lock type, of steel and in thread contact over a minimum length of 1.5 bolt/stud diameters. Extended or composite wheel bolts/studs are prohibited.

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Fuel

10.5.1. For Road-Going Series Production, Road-Going Specialist Production, Modified Series Production, Modified Specialist Production and Hill Climb Super Sports Cars, pump fuel is mandatory. Only air may be mixed with the fuel as an oxidant.

10.5.2. Sports Libre and Racing Cars. Only pump fuel or methanol may be used. When using methanol, the addition of 10% by volume of Propanone is allowable (Note J.5.13.6).

10.5.3. All vehicles must be equipped with an effective method of stopping the fuel supply, operable by the Driver when normally seated and with seat belt secured. This is to be combined with or located adjacent to the internal ignition cut-off switch.

10.5.4. Electrically powered vehicles are permitted. Alternative fuels may be permitted subject to MSA approval.

Electrical

10.6.1. All vehicles must be equipped with an ignition cutoff switch having positive 'ON/OFF' positions clearly marked. The ignition cut-off and fuel pumps isolation system(s) must be operable by the Driver when normally seated with seat belts secured.

10.6.2. Lighting equipment is not required unless the vehicle is currently licensed for use on the public highway and competed on the event in a road legal condition.

10.6.3. An external circuit breaker to K.8 is mandatory for all cars except open cars of periods A – E (Nomenclature and Definitions) and cars licensed for road use (when it is recommended).

Brakes

10.7.1. Deleted.

10.7.2. Brake balance adjusters must not be available for adjustment during running.

Transmission

10.8.1. For Road-Going Series Production, Road-Going Specialist Production Cars, the reverse gear must remain operable at all times.

10.8.2. For Modified Series Production, Modified Specialist Production Cars, Hill Climb Super Sports, Sports Libre and Racing Cars, reverse gear is not required.

10.8.3. K.12 recommended for all front engined vehicles.

General

10.9. Timing Struts – Where timing is activated by a light beam, the vehicles will be fitted at the front with a vertical timing strut, minimum vertical height 254mm, the bottom of which shall be not less than 180mm and no more than 200mm from the ground. The strut will be in matt black on both sides, over its total area, which shall be not less than 254mm by 51mm. No other, or further forward, part of the vehicle may interrupt these dimensions or actuate the timing.

Categories

10.10. Categories are defined in the following regulations (11 to 15) (except for Period Defined Vehicles (Non-Rally) A-E inclusive, which remain free). Classes within those categories are free but must be stated in the SR's.

Other than the provisions of Section J, 10 above, and the specific Category regulations below, as appropriate, modifications are free.

10.10.1. Road-Going Series Production Cars – Cars complying with 11.

10.10.2. Road-Going Specialist Production Cars – Cars complying with 11.

10.10.3. Modified Series Production Cars – Cars complying with 12.

10.10.4. Modified Specialist Production Cars – Cars complying with 12.

10.10.5. Hill Climb Super Sports Cars – Cars complying with 13.

10.10.6. Sports Libre Cars – Cars complying with 14.

10.10.7. Racing Cars – Cars complying with 15.

10.10.8. The MSA retains the sole discretion to determine the category into which a vehicle should be categorised, should there be any doubt.

10.10.9. The onus of responsibility for the eligibility of competing vehicles lies with the competitor.

Regulations for Roadgoing Series Production Cars and Roadgoing Specialist Production Cars

Description

11.1.1. Road-Going Series Production Cars – Saloons and Sports Cars produced in quantities of not less than 1000 per annum.

11.1.2. Road-Going Specialist Production Cars – Cars with a minimum annual production of 20 Chassis which do not qualify as Road-Going Series Production Cars.

11.2. Cars must compete in an event in a road legal condition.

Chassis

11.3. Manufacturers original chassis structure and specification of construction, dimensions and material. Roll cages must not accept or assist any direct suspension loads.

Body (including aerodynamics)

11.4.1. Silhouette of the vehicle must remain unaltered in construction, dimension and material. The silhouette will be taken in the condition in which the car competes (convertible closed cars competing with the hood or top not erected shall have the silhouette determined in that condition).

11.4.2. Engine bonnet/cover and luggage/boot cover may be replaced with an alternative material.

11.4.3. Laminated windscreens permitted but all other glass may not be replaced by another material.

11.4.4. Deleted.

11.4.5. Deleted.

11.4.6. Interior trim must remain fitted (except floor carpets/mats).

11.4.7. All working equipment fitted as standard (heater, window mechanisms, sunroof, door handles) must remain operable at all times.

Engines

11.5.1. For Road-Going Series Production Cars, the cylinder block and cylinder head must remain in the original position and be externally identifiable as that fitted to the original model or specified option. Induction is free, as are exhaust systems.

11.5.2. For Road-Going Specialist Production Cars, the cylinder block and head must be of a make and type produced in at least 1,000 identical units originally available through the normal commercial channels of a land vehicle manufacturer.

11.5.3. Must be capable of being started from an onboard power source operable by the driver when seated normally.

Wheels and tyres

11.6.1. Deleted.

11.6.2. Except for Period Defined Vehicles (Non-Rally) A-H inclusive tyres are to L List 1A and List 1B.

Suspension

11.7.1. The suspension type and mountings must remain the same as that fitted by the vehicle manufacturer.

11.7.2. The shock absorbers may be of any make and may be uprated from standard.

11.7.3. Adjustable spring platform struts are permitted.

11.7.4. The mounting method and position must remain as specified by the vehicle manufacturer.

11.7.5. Springs are free but must retain their original location.

11.7.6. For Road-going Series Production Cars bushes may be changed for similar polymer materials but not to spherical or similar metal joints.

11.7.6.1. For Road-going Specialist Production Cars bushes may be changed for similar polymer materials, spherical or similar metal joints.

Transmission

11.8.1. Roadgoing Series Production Cars.

- (a) The gearbox and differential casing must be externally identifiable as that fitted to the original model or specified option and remain in their original position.
- (b) The method of gear selection must remain standard (sequential selection only where fitted as standard).

Regulations for Modified Series Production Cars and Modified Specialist Production Cars

Description

12.1. Modified Series Production Cars. Must have been originally available through the normal commercial channels of the manufacturer in quantities of not less than 1,000 vehicles within 12 consecutive months.

12.1.1. Vehicles produced in lesser quantities may be admitted subject to the manufacturer obtaining approval from MSA.

12.2. Modified Specialist Production Cars. Must have been originally available through the normal commercial channels of the manufacturer in quantities of not less than 20 chassis within 12 consecutive months.

Safety

12.3. See section 10.1.

Chassis

12.4. The chassis or unitary construction must remain to the manufacturer's original specification in construction and material within the wheel hub centres with the exception of the following.

12.4.1. Re-positioning of suspension pick-up points and engine mountings are permitted.

12.4.2. Inner wheel arches only may be modified to allow the attachment of damper mountings.

12.4.3. It is only permitted to make holes for the passage of cables, fuel, water, oil, hydraulic, instrument or fire extinguisher lines as per Vehicle Regulations. All redundant holes must be covered with metal plates.

12.4.4. Reinforcing of the chassis is allowed.

12.4.5. Bulkheads and/or inner wings may be modified to permit the clearance of the induction system. This shall be understood to include air induction ducting, manifolding, trumpets/ram pipes for engine carburation or fuel injection system only. A maximum clearance dimension of 7.75cm will be allowed for any protrusion, but only in the engine compartment.

Bodywork (including aerofoils)

12.5.1. Silhouette of the vehicle as seen in side elevation must remain unaltered, with the exception of engine bonnet/cover and boot lid/rear deck.

12.5.2. The doors, engine, bonnet/cover, luggage compartment cover, boot lid/rear deck or bodywork not forming part of the unitary construction may be changed for ones of different material. Wheel arch extensions are free.

12.5.3. Alternative materials may be used for external mudguards, if attached by bolts and/or rivets.

12.5.4. Detachable hardtops are permitted providing the silhouette remains unaltered.

12.5.5. Plastic is permitted for side and rear windows. A hole approximately 15cm diameter may be cut in the window next to the driver for signalling or ventilation.

12.5.6. Demisting apertures are permitted in the rear window. They must be in the form of holes or slots and be positioned close to the top or sides, but not both.

12.5.7. Open car with hoods may have them removed. Vehicles may run open or closed. If running closed, a rear window of safety glass or plastic of minimum thickness 4mm is mandatory.

12.5.8. Tonneau covers are permitted providing they are of flexible material and were originally specified for the vehicle.

12.5.9. It is prohibited to cut holes in any panel unless specifically permitted.

12.5.10. Front spoilers/air dams/splitters are permitted below the level of the road wheel centres, up to 15cm beyond the overall plan periphery of the existing bodywork, excluding bumpers. Rear spoilers are

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permitted within the overall plan periphery of the original vehicle excluding bumpers. A rear spoiler is a raised surface of opaque material integral with the rear deck with no gaps or openings in the surface, front or rear, and not exceeding half the vertical height of the original rear window fitted into the vehicle, measured at the centre of the original window. The vehicle manufacturer's original equipment or a specified option for that vehicle is also permitted.

12.5.11. Deleted.

12.5.12. It is permitted to remove the floor carpets, underfelt, sound insulation throughout the car, the rear seat, the passenger's front seat and the head lining.

12.5.13. It is permitted to carry out modifications to window winders, instrument panels and all driving controls.

Engine

12.6.1. The engine block must be externally identifiable as that fitted to the original model or specified option. Modification to all components is permitted.

12.6.2. With the exception of any engine fitted to a vehicle complying with 12.1, the engine must be of a make and type produced in at least 1,000 identical units and fitted to a vehicle originally available through the normal commercial channels of a land vehicle manufacturer.

12.6.3. Induction system free.

12.6.4. Oil coolers, dry sump lubrication systems or additional water radiators are permitted within the periphery of the bodywork.

12.6.5. Must be capable of being started from an onboard power source operable by the driver when seated normally.

12.6.6. Engine and transmission must remain in a similar position within the vehicle and in the same position relative to each other as in the original model.

Transmission

12.7.1. Transmission layout to remain as original.

12.7.2. Gearbox and differential are free.

12.7.3. Driven axle(s) free (see 12.8.4).

Suspension

12.8.1. Additions and modifications to springs, shock absorbers or suspension height are free.

12.8.2. The original type of suspension must be maintained (e.g. twin wishbone set-up cannot replace a single wishbone suspension; a sliding pillar cannot be replaced by a MacPherson strut; a trailing link cannot be replaced by wishbones or coaxial springing).

12.8.3. A live rear axle may not be replaced by an independent system or De Dion.

12.8.4. A live rear axle is allowed location links. If leverarm shock absorbers are an original fitment, they may be replaced by a single location link.

12.8.5. Suspension pick-up point positions may be altered, providing the suspension system is maintained as being the original type.

12.8.6. Road springs are free.

12.8.7. The wheelbase must be to the dimensions of the original vehicle, plus or minus 2% or 5cm whichever is the greater.

Electrical

12.9.1. Deleted.

12.9.2. Electrical generators may be disconnected or removed.

Regulations for Hill Climb Supersports Cars

Description

13.1. Sports Racing Cars with restricted modifications as follows:

Chassis – Front Engine Cars

13.2.1. The engine and gearbox must be located in front of the rear axle line and the centre of the rearmost engine spark plug hole must not be less than 914mm in front of the rear axle line.

13.2.2. Chassis tubes may encroach upon the minimum internal cockpit width of 812mm providing they only extend diagonally from the body sides and/or the top of the safety rollover bar, or if tubes are longitudinally placed for the purpose of creating a division between driver and passenger space, and also for the purpose of supporting a tonneau cover.

13.2.3. The vertical centre line through the steering wheel must be a minimum of 76mm behind the centre of the rearmost spark plug hole.

13.2.4. Chassis only to be constructed from steel or aluminium alloy.

Chassis – Rear Engine Cars

13.3.1. The engine must be located in front of the rear axle line, and the centre of the forward most engine spark plug hole must be located to the rear of the cockpit bulkhead.

13.3.2. 13.2.2 applies.

13.3.3. The passenger cockpit must provide similar seat space, elbow room, foot and leg room, in terms of length, width and height, as that of the driver.

13.3.4. Chassis must be of spaceframe construction from steel or aluminium alloy.

Bodywork – Front Engine Cars

13.4.1. Vehicles must be fitted with cycle-type front mudguards which must be a distinctly separate component from the rest of the bodywork. There must be a gap between the front mudguards and the rest of the body of not less than 50mm when the steering is central and be equipped on all wheels with mudguards that present no sharp edges and which cover the width of the tyre around an arc of 120 degrees. The minimum covering must be achieved with a continuous surface of rigid material, uninterrupted by any gaps, holes, slots or vents. They must extend forward ahead of the axle line and extend downward behind the wheel to at least 75mm above the axle line.

13.4.2. The front and rear mudguards may be mounted on the unsprung parts of the car.

13.4.3. Maximum height of the bodywork, with driver aboard, including aerofoils but excluding safety roll-over bar, must not exceed 900mm measured from the ground.

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13.4.4. The rear aerofoil must not in width exceed the outer faces of the rear wheel rims.

13.4.5. The width of the coachwork ahead of the front wheels must not exceed the width of the outer faces of the front wheel rims, when the steering is central and no part of the coachwork ahead of the front wheels may exceed the height of the front mudguards.

13.4.6. No part of the bodywork may extend more than 1,000mm behind the rear wheel axis.

13.4.7. Detachable bonnets must be fitted and must cover and surround all parts of the engine except for the cylinder head and rocker cover and associated parts such as induction and exhaust.

Bodywork – Rear Engine Cars

13.5.1. The bodywork must comply with vehicle regulations, provide a cockpit for two seats and cover the chassis, wheels, gearbox and engine, except for the exhaust pipe and induction system.

13.5.2. The bodywork must not be mounted on the unsprung parts of the car.

13.5.3. A passenger tonneau may be fitted. This must be a separate, rigid, removable panel of sufficient dimensions when removed to permit the entry and exit of a passenger.

13.5.4. In side elevation, the whole of the front wheels and tyres must be visible and unobstructed by any bodywork.

13.5.5. In side elevation, bodywork around the rear wheels and tyres must not extend below the axle centre line or cover in excess of 40% of the area of the wheel above the axle centre line.

13.5.6. Maximum height of bodywork, with driver on board, excluding aerofoils and safety roll-over bar, must not exceed 1100mm measured from the ground.

13.5.7. The rear aerofoil must not in width exceed the outer faces of the rear wheel rims. Maximum permitted height is 900mm measured from the ground. No part of the bodywork, including aerofoils, shall extend more than 900mm behind the rear wheel axis.

Engine

13.6. Regulations for engines in this category are available from MSA on request.

13.6.1. Forced induction and/or fuel injection prohibited.

Transmission – Front Engine Cars

13.7.1. Gearboxes must be separate from the differential and contain no more than four forward gears derived from a gearbox from Rover, Ford or GM vehicle.

13.7.2. Gearboxes with rapidly interchangeable ratios are prohibited.

Transmission – Rear Engine Cars

13.8. The gearbox must contain not more than five forward gears. Ratios are free

Transmission – All Cars

13.9.1. Final drive ratio is free.

13.9.2. Differentials are free.

13.9.3. Automatic, semi-automatic, or sequential change gearboxes are prohibited.

Suspension

13.10. Suspension is free.

Electrical

13.11. Electrical generators may be disconnected or removed.

Regulations for Sports Libre Cars

Description

14.1. Vehicles that comply with any of the following Groups:

- (a) Any vehicle that does not comply with any other category, as defined in 10.10.1 to 10.10.5 or 10.10.7. or 14.1(b) or (c)
- (b) Hill Climb Supersports Chassis Cars. Must comply with 13.2 or 13.3. and with:

Maximum height	90cm from the ground
Maximum rear overhang	150cm behind rear wheel axis

- (c) Sports Racing Cars.

14.1.1. Vehicles eligible for Sports Libre in accordance with 14.1.(a) or (c) must also comply with the following:

Maximum width	Measurement between the outer tyre walls of the front or rear (whichever is the wider) + 20cm
Maximum rear overhang	150cm behind rear wheel axis
Maximum height (open cars)	90cm from the ground
Front aerodynamic Height	Not to exceed the top of the device front wheel rim
	For Saloons and Sports Cars not to extend more than 20cm beyond the overall plan periphery of the existing bodywork, excluding bumpers.

Regulations for Racing Cars

Dimensions

15.1.1.

Maximum width ahead of front wheels	150cm
Maximum width behind front wheels	140cm
Maximum height of any part wider than 110 cm ahead of the front wheels	Not to exceed the top of the front wheel rim
Maximum height	90cm from the ground
Maximum rear overhang	150cm behind rear wheel axis.

15.1.2. Maximum height is measured with the car in any condition and driver aboard. Safety roll-over bars and air boxes are not included in this measurement.

Wheels

15.2.1. Twin rear wheels are permitted.

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Drag Racing

Organisation

16.1.1. Unless stated hereafter, Organisers must comply with Sections D and S of these General Regulations.

***16.1.2.** For any Technical or Safety criteria not provided for by these Specific Regulations the SRs must state the definitive source of reference.

Officials and their duties

16.2.1. Unless stated hereafter, Officials must comply with Section G of the General Regulations.

16.2.2. The Race Director shall have the same responsibilities, duties and powers of a Clerk of the Course and the same discretion in the general conduct and control of the event and the application of penalties for any infringement by participant or vehicle.

16.2.3. Subject to the prescriptions of the General Regulations the decision of the Race Director shall be final.

Competitors

16.3.1. Unless stated hereafter, Competitors must comply with Section H and the specific regulations for Sprints, Hill Climbs and Drag Racing.

16.3.2. Participants shall be deemed to be any person within the meaning of Sections H.1, H.32 and H.33.

16.3.3. The display of any identification, badge or pass will be deemed to identify the person concerned with the entrant and will imply their acceptance of these regulations.

***16.3.4.** Entrants and Drivers must ensure they have a Competition/Entrants Licence valid for the event.

***16.3.5.** The SRs must state what qualification is required to drive a specific category of vehicle.

16.3.6. Where a driver is required to make an observed run prior to taking part in the competition (16.8.1 and 16.8.2) it is the drivers responsibility to report this fact when signing on and await the instructions of the Race Director.

16.3.7. The Race Director may forbid a driver to take part in the competition for reasons of safety or any apparent deficiency in performance.

16.3.8. A driver may not drive more than one vehicle in any category at the same event. Dual eliminator registration is prohibited.

16.3.9. Any driver deemed to have driven in a manner not compatible with general safety or whose behaviour or actions is prejudicial to the interests of the organisers or motor sport generally may be immediately excluded from the meeting (C.1.1.5).

Vehicles

16.4.1. Unless stated hereafter, Vehicles must comply with Section J and S of the General Regulations.

16.4.2. Trucks or Commercial vehicles are prohibited to take part in Drag Races without the prior approval of the MSA. Series production truck vehicles of up to 1 ton payload are permitted.

16.4.3. Junior Dragsters may not be included in any event without the prior approval of the MSA.

***16.4.4.** Classification, shall be as prescribed in the specific class regulations contained within the SRs.

16.4.5. Annual registration of vehicles and drivers with each Organising Club is mandatory.

16.4.6. Registration must be submitted on the official Race Vehicle Registration form issued by each Organising Club. Forms which are amended, incomplete or defaced are invalid.

16.4.7. Re-registration may be required for any change made to the classification of a vehicle.

16.4.8. Vehicles may be given a permanent race number for the year.

16.4.9. Numbers must be displayed in accordance with the specific class format; affixed in such a way to ensure their durability and legibility and be of sufficient contrast to their background. They shall be subject to the approval of the Chief Timekeeper.

16.4.10. The naming of a vehicle will be subject to the approval of each Organising Club. Duplication of names will not be permitted.

16.4.11. Decals must be displayed as required by the event or series organiser.

16.4.12. Vehicles must be in a clean and presentable condition throughout an event. Personnel attending a competing vehicle should be aware of the same considerations.

16.5. Scrutineering

16.5.1. No vehicle is permitted to take part in practice or a race without the approval of the Chief Scrutineer.

16.5.2. The Race Director may require:

- (a) The eligibility of an entrant, driver or vehicle to be checked at any time or prescribed place before or during the meeting or afterwards subject to the Entrant being notified not later than half an hour after the publication of a valid provisional result,
- (b) A vehicle to be re-scrutineered at any time throughout the meeting,
- (c) A vehicle to be dismantled to ensure it complies with the regulations,
- (d) An entrant to supply such components and or samples as may be required,
- (e) A driver to be medically examined for reasons of safety,
- (f) A car to practice before its eligibility is verified.

Pits Paddock and Track Fuel

16.6.1.

- (i) The handling and storage of fuel must comply with the law and local fire regulations.
- (ii) The SRs shall specify the requirements of GRs Q.13.1.1 to Q.13.1.4 inclusive.
- (iii) The fuelling and draining of vehicles outside a designated fuelling area is forbidden.
- (iv) The engine must be stopped during fuelling and the driver must vacate the vehicle.
- (v) The vehicle must be clear of any fuel handling or storage when starting the engine.
- (vi) The entrant must ensure that throughout fuelling a person will stand by the vehicle with an adequate fire extinguisher.

Sprints, Hill Climbs and Drag Racing (S)

16.6.2. Engine starting and Warm-ups. It is mandatory for a driver or competent crew member to be seated in the normal driving position at any time the engine is running.

Medical and Rescue (5 and Section F)

16.7.1. In addition to the requirements of 5.2.1 there must be a second emergency vehicle equipped specifically for fire fighting with the following minimum equipment:

- 20lb (9kg) dry powder fire extinguishers.
- 2 fire resistant blankets 6ft x 6ft (2m x 2m).
- 2 pairs fire resistant/industrial gloves.

16.7.2. The Rescue Unit and the Ambulance must be positioned to ensure unobstructed access to the course.

Practice and Qualification

16.8.1. A new driver who has not previously held a

Competition Licence will be subject to a cockpit orientation (blindfold) test.

16.8.2. A driver may be required to make runs under observation at any time.

Penalties

16.9. Any specific penalties mentioned in these regulations does not preclude the imposition of additional penalties as deemed appropriate.

Instructions and Communications to Competitors

16.10. Any additional instructions published will be deemed to be an Appendix to and have the same powers as these Regulations.

Race Procedures

16.11. In accordance with the requirements of the Supplementary Regulations of the event.

PUBLICATIONS, TECHNICAL PAPERS & CLUB EQUIPMENT



Subject to their availability the products and their prices listed below are correct at the time of going to press, but may be changed without further notice.

PUBLICATIONS (VAT zero rated)

MSA Yearbook	£31.00
MSA Kart Race Yearbook	£15.00
MSA Motor Club Manual	£35.00
Motor Vehicles (Competition & Trials) Regulations 1969/74/76	£15.00

CLUB EQUIPMENT (VAT standard rated incl.)

Club Membership cards	200 for £23.00
Signing-On Sheets – Competitors/Officials	FOC available on website
Signing-On Sheets – Media	FOC available on website
“Prohibited Area” rigid PVC warning signs	per pack of 5 £52.00
“Motor Sports Can Be Dangerous” rigid PVC warning sign	per pack of 5 £52.00

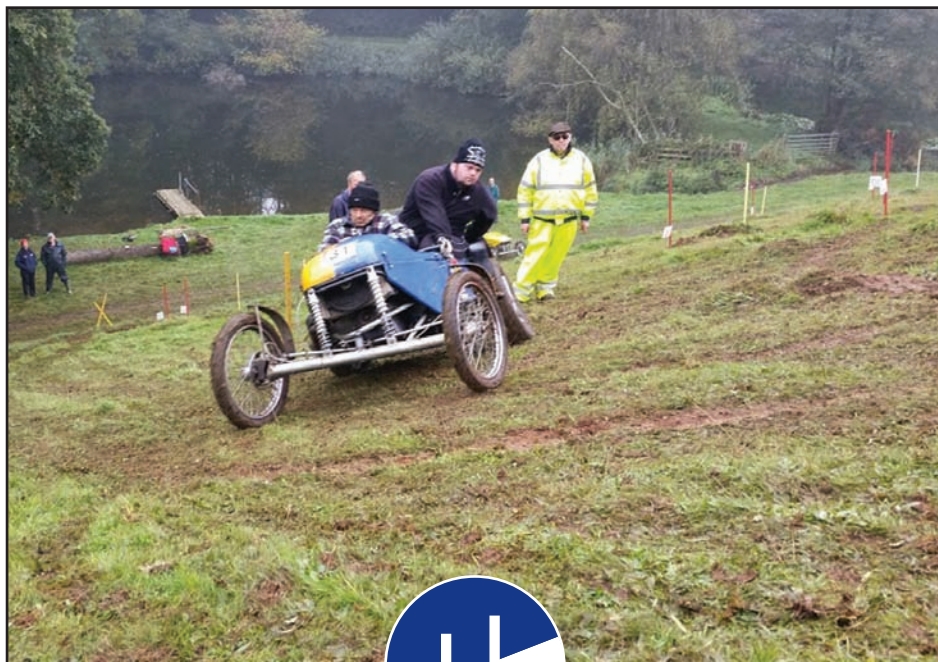
TECHNICAL PAPERS (VAT zero rated, except † = standard rate)

MSA Rollcage Certificate – Official Copy	†each £25.00
MSA Historic Rally Vehicle Identity Form Registration	†£86.00
MSA Competition Car Log Book (payable to Inspecting Scrutineer)	£39.00
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FIA Current Homologation Papers for any UK car	†each £66.00
FIA Current Homologation – Extension of any UK car	†each £42.00
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Specific Regulations for Trials

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Organisers' Regulations

1. A Permit for the organisation of a Trial is issued at the sole discretion of the MSA.

1.1. A Club will only be allowed to run events up to National B status, unless the MSA has specifically approved an application for National A status.

1.2. *Wherever possible for Car Trials or Sporting Trials, the use of road sections should be avoided. The Specific Regulations (SRs) should clearly state if the Public Highway is to be used. Any part of an event that takes place on the Public Highway must comply with the Motor Vehicles (Competitions and Trials) Regulations and will require public relations work to be undertaken as specified in R.3.

1.2.1. Organisers intending to use any Forestry Commission property for events must liaise with the MSA Forestry Liaison Officer at least 3 months before the event.

1.2.2. No contact should be made with Forest Enterprise before receiving approval from the MSA or its appointed Forestry Liaison Officer.

1.3. Special attention should be paid to the following:

1.3.1. Every practicable precaution must be taken to avoid depositing mud or soil on the Public Highway when leaving private property.

1.3.2. Warning notices as required by D.31.1 must be displayed.

1.3.3. The entry in Sporting or Car Trials should be split into groups of equal number, which should start from different observed sections simultaneously.

1.3.4. The beginning and end of observed sections must be marked by signs.

1.3.5. The starts of sections should be reasonably flat and wide so that all Competitors can at least enter the section.

1.3.6. The layout of sections should take account of the location of possible failure points and, particularly for Sporting Trials, safe exit routes.

1.3.7. The layout of sections should ensure that areas can be marshalled by the minimum possible number of Officials.

1.3.8. Sections should if possible be of sufficient width to allow a choice of route and at no point be less than 4m wide, with a 14m turning circle between 'walls' for Car Trials.

1.3.9. Sections should be of a winding nature so as to place a premium on driving skill, although the radius of all corners must be adequate for all cars entered.

1.3.10. The use of trees or natural hazards as course boundaries should be avoided where possible.

1.3.11. Stakes should not be placed against trees.

1.3.12. If possible, alternative routes should be planned in case of a change of weather conditions and to accommodate all types of cars eligible.

1.3.13. It is recommended that sections be laid out using a minimum of 13 pairs of marker stakes (see diagram page 341) of a minimum height of 1m and with colour coding to clearly identify each side of the route.

1.3.14. Metal rod markers should not be used.

1.3.15. Markers should be placed to avoid the likelihood of Competitors putting four wheels out between markers and where they are unlikely to be moved by bushes or branches.

1.3.16. Clearly visible sub-section numbers should have a minimum figure height of 50mm.

1.3.17. If sub-section numbers are not placed on both sides of the route, they should be on the right-hand side, with the corresponding guide markers on the left-hand side.

1.3.18. Sub-section markers should be closely grouped in areas of expected failure.

1.3.19. The Organisers of events on a single site, particularly in Sporting Trials, should have a First Aid Kit (including an eye bath) on-site at a clearly identified location.

1.3.20. Organisers should be aware of the nearest hospital and the best route to get to it in case of incident.

1.3.21. When Competitors under 17 years of age are allowed to compete, organisers should note the information in 4 (H.7).

1.3.22. Organisers may at any convenient time after the start of the competition require Competitors in some or all Classes to increase or decrease the minimum permitted tyre pressure by a maximum of 5lb/sq in. This decision must be advised to Competitors in writing and sufficient time must be allowed for them to comply.

1.3.23. No person under the age of 14 can act as a marshal or assistant marshal unless under the constant supervision of a marshal over 18 years old.

1.3.24. At single site events a medium sized spill kit must be available at each section or group of adjacent sections. At events which utilize the public highway each vehicle must carry a small spill kit.

Classic Reliability Trials (8)

2.1. Classic Reliability Trials must meet the requirements of 1 above (with the exception of 1.3.12 and 1.3.13) and the following additional requirements:

2.1.1. Any time schedule on the public highway or any part of the route must not exceed:

Motorways	60mph
Trunk and A-roads	30mph
B-roads	26 2/3 mph (daylight), 20mph (darkness)
All other roads	20mph (daylight), 15mph (darkness)
All heavily populated areas	15mph

2.1.2. When Time Controls are less than 20 miles apart (except start and finish controls where the length of the route is 20 miles or less), the time schedule on the public highway must not exceed an average speed of 15mph.

2.1.3. The Route Card must show both time and mileage between individual points so that changes in Permitted average speeds are apparent.

2.1.4. *Any maps required by Competitors must be notified in the SRs.

2.1.5. Observed sections may not be more than a quarter of a mile long, and no special time schedule may be applied from start to finish of a section more than 100yds long (an Observed Test).

2.2. Organisers should:

2.2.1. Ensure the status of any tracks along the route is verified.

2.2.2. Where it is proposed to use or cross any Footpath, Bridleway or Restricted Byway:

2.2.3. Obtain the agreement of the Landowner and the Highway Authority (unless the route is already on a road of higher status).

2.2.4. Notify the Police (clarifying the nature of the event).

2.2.5. Notify the National Parks (if appropriate).

2.2.6. Notify the Parish Council.

2.2.7. Ensure a Liaison Officer is appointed to deal with the above matters and resolve any difficulties.

2.2.8. Check vehicles for sound before the Start and along the route. These checks should be manned by experienced Driving Standards Observers. Noisy cars must be stopped if necessary.

2.2.9. Locate any Holding Controls so as to avoid public nuisance.

2.2.10. Draw to the attention of Competitors any sensitive areas in the vicinity of the route.

2.2.11. Brief all Marshals and ensure they are readily identified.

2.2.12. Appoint and brief a Chief Official, who should be clearly identified, for each observed section to ensure that the Trial is seen not to unduly inconvenience members of the public.

2.2.13. The Chief Official must have a working knowledge of the Rights of Use of the section.

2.3. Organisers should issue instructions on the sensible use of the roads, including:

2.3.1. Closing of gates etc.

2.3.2. Clearing of roads at end of sections.

2.3.3. Following the 'Country Code', adding that that failure to observe the Code may lead to disciplinary action.

2.4. SRs and Final Instructions to Competitors in events using Footpaths, Bridleways and Restricted Byways should include the following statement:

This event is routed along and/or across public rights of way. Competitors must exercise caution and reduce their speed accordingly near other path users. Be especially careful near horses. Slow down, stop and switch off your engine if necessary.

Competitors' Regulations

Eligibility

3.1. *Competitors must report at the start and for scrutineering at the times stated in the SRs.

3.1.1. Any Competitor reporting late may be fined, excluded or may forfeit any claim to a favourable starting position.

3.1.2. At the Start each Competitor, any Passengers and the vehicle must all be checked for eligibility.

3.1.3. Deleted.

3.1.4. Deleted.

3.1.5. Drivers in Clubman events must produce a valid Club Membership Card (note D4.5.4). Drivers in National B and above status events, must produce a valid Competition Licence as detailed in Section H.

3.1.6. Passengers at National B events must produce a valid Club Membership Card.

3.2. Cars competing in Sporting Trials must comply with Technical Regulations 9 and 12 or 13 as appropriate.

3.2.1. Cars competing in Car Trials must comply with Technical Regulations 9 and 11, except that in Clubman events the Organisers may state in the SRs that any or all of the following Car Trials Technical Regulations have been replaced by the equivalent Classic Trials Regulations: 11.9.1, 11.9.4, 11.9.5, 11.12, 11.13, 11.14.1 and 11.14.3.

3.2.2. Cars competing in Classic Trials must comply with Technical Regulations 9 and 10.

The Crew

4.1. *During all Observed Sections and tests the seat alongside the Driver must be occupied in accordance with the requirements below (except as specified in 4.1.8):*

4.1.1. Passengers must be properly seated, i.e. both the Passenger and the seat back must be upright and facing forward. In Sporting Trials the passenger's hips must be located within the cockpit and on or in front of the rear axle line.

4.1.2. Where the Driver is over 17 years old and holds a full RTA Licence, the Passenger must fulfil the minimum age requirement of 4.1.5.

Note: Throughout these sections an asterisk(*) indicates a requirement for additional information to be printed in the Supplementary Regulations (SRs).

Text shown in Italics indicate a Regulation which may be amended in the SRs.

(T) Trials

4.1.3. In Car Trials, entries may be accepted from Drivers aged 14, 15 or 16, or from Drivers of 17 or over who do not hold a full RTA Licence. In such cases the Driver must be accompanied by a Passenger who holds a full RTA Licence and is experienced as a Driver of Car Trials or Sporting Trials and who must produce a valid Club Membership Card.

4.1.4. In Sporting Trials, entries may be accepted from Drivers aged 16, or from Drivers of 17 or over who do not hold a full RTA Licence. These Drivers must be accompanied by a Passenger who holds a full RTA Licence and is experienced as a Driver in Sporting Trials and who must produce a valid Club Membership Card.

4.1.5. Minimum Passenger ages are as follows:

Sporting Trials	14
Classic Reliability Trials	
Open or	14
Convertible cars	
Saloons or hardtop cars	12
Car Trials	12

4.1.6. Additionally the rear seats of saloon cars can be occupied by the number of people for whom they were designed. Passengers who occupy the rear seats of the vehicle must not be less than 2 years of age, any child under 12 years of age or 135cm in height must be seated using an approved 'child restraint'.

4.1.7. Passengers under 16 years old will not be considered as Competitors for the purpose of Licences or Club membership, and will not be required to sign on. They will, however, be required to produce a letter of consent from a parent or guardian at signing-on, and this letter must be retained by the Organisers.

4.1.8. In Classic Reliability Trials, passengers are not required to occupy the front seat where suitable rear seats are available, unless the SRs state otherwise. All passengers in a vehicle with a soft-top or no roof must be at least 14 years of age. However, in Class 8 only one Passenger is allowed, who must occupy the seat alongside the Driver.

4.1.9. Members of the crew at the Start cannot be varied during an event, except with Official approval.

4.1.10. The same Driver must drive throughout any Competition.

4.1.11. 'Bouncing' will be Permitted only within the confines of the seating compartment, and then only so long as no portion of either the Driver's or Passenger's body, other than arms and hands, is placed outside the sides of the car or behind the seat they are occupying.

Numbers

5.1. Numbers will be allocated by ballot within Classes.

5.1.1. Number cards will be issued at the Start and must be displayed on each car throughout the Competition.

5.1.2. *In Classic Reliability Trials, unless the SRs state otherwise, numbers will be allocated by the Organisers.

5.2. Competitors will start in numerical order.

5.2.1. In Car Trials unless SRs state otherwise, at some convenient break after approximately half the Observed Sections have been attempted, the running order will be reversed within each Class. Competitors will remain

in the correct running order unless instructed otherwise by an Official.

5.2.2. Number cards must be removed at the Finish or if a Competitor retires.

Observed Sections and Route

6.1. Details of observed sections and tests (if any) must be issued at the Start and the onus of following the correct route will rest with the Competitor.

6.1.1. Any signs displayed, other than in an observed section, will be a supplementary aid without mandatory authority.

6.2. *There will be no time schedule to be maintained during the event (except in Classic Reliability Trials) unless the SRs specify otherwise.

6.2.1. Competitors will proceed from point to point with as little delay as possible and any Competitor suspected of loitering may be ordered to proceed by an Official.

6.2.2. Competitors arriving at a test or an Observed Section more than 20 minutes after the preceding Competitor may be refused permission to attempt that test or observed section.

6.2.3. No unauthorised assistance is allowed and cars must complete the course under their own power.

6.2.4. No case of force majeure will be taken into consideration.

6.2.5. The SRs will specify the location of the finish.

6.3. Before attempting an observed section, vehicles must be brought to rest with a leading front wheel hub vertically over the Start line, as indicated by Officials, and the Driver must not proceed until instructed to do so.

6.3.1. It is permissible to start the car when only one hub is on the line and the car is askew, providing the other hub has not crossed the line.

6.3.2. Competitors must attempt to negotiate observed sections non-stop, unless the SRs specify otherwise.

6.3.3. Failure of a car to maintain unassisted forward motion in the direction of the course will be regarded as failure to comply with this requirement.

6.3.4. The point of failure will be at a vertical line from the centre of the hub of the front wheel which is the furthest from the start of the section. See Appendix 1, Drawing number 6.

6.3.5. Observed sections may be divided into subsections.

6.3.6. In such cases signs will indicate the beginning and end of the sub-sections.

6.3.7. A vehicle will be deemed to have entered an observed section or subsection when a vertical line from the leading front wheel hub centre has passed any marker indicating the beginning of the section.

6.3.8. A car will be considered to have left an observed section or sub-section when a vertical line from the leading front wheel hub centre has passed any marker indicating the end of the section.

6.3.9. Failure to proceed, for whatever reason, from the starting position into an observed section when instructed to do so will be regarded as failure in that section.

6.3.10. Any failure in a particular sub-section will constitute failure in all subsequent sub-sections.

6.3.11. The Start line will indicate the greatest penalty and the Finish line zero penalty.

6.4. A Competitor will also be considered to have failed to negotiate an observed section non-stop if:

6.4.1. Any part of their vehicle or its occupants touch a marker

6.4.2. All four wheels are positioned outside the boundary of the course at the same time. The boundary is represented by a straight line drawn from course marker to course marker along the direction of the course.

6.4.3. The point of failure will be considered to be that at which any marker is first struck, or the point at which the boundary of the course is first crossed by all wheels of the competing vehicle.

6.4.4. Should this point of failure coincide with the division between two sub-sections, the marks lost will be those appropriate to failure in whichever of the two sub-sections provides the greater penalty.

Results

7.1. Judges may be appointed to adjudicate on:

7.1.1. Conforming with the correct route on the course.

7.1.2. Touching markers.

7.1.3. Failure to proceed non-stop when required.

7.1.4. Conformity with regulation 4.

7.1.5. Noise.

7.1.6. Time of arrival/departure at observed section, test, control or check.

7.1.7. Unauthorised smoking.

7.1.8. Unauthorised assistance or servicing.

7.2. Performances on any observed section or test may be ignored at the Organiser's discretion, even though there have been successful attempts to negotiate the section or test.

7.2.1. If this discretion is exercised, no performance on the section or the test in question will be taken into account when compiling the results.

7.3.

(a) Classic Reliability Trials. To be classified as a finisher, a Competitor, being the car and crew entered, must have attempted at least 75% of the total number of observed sections and arrive at the Finish under its own power within 20 minutes of the time of arrival of the preceding vehicle.

(b) Car and Sporting Car Trials. To be classified as a finisher a Competitor must have attempted at least 75% of the sections and hand in his score card to the Secretary of the Meeting within 20 minutes of the preceding competitor.

7.3.1. Competitors start with zero marks.

7.3.2. The Competitor incurring the least penalty, or best Index of Performance, will be the winner, and so on.

7.3.3. Except in Classic Reliability Trials, each Competitor will be provided with a results card which must be produced on demand by Officials to mark at each section.

7.3.4. *In calculating Class positions the actual number of marks lost by each Competitor is the deciding factor. However, where an overall best performance (irrespective of Class) is required, an Index of Performance will be established for each Class by taking the average performance of the best 50% of finishers (or if there is an odd number of finishers, the total plus one) in the respective Class.

7.3.5. To be classified as a finisher for index purposes only, a Competitor must have attempted all sections.

7.3.6. Competitors' marks lost are then expressed as a percentage of this index.

7.3.7. In Classic Reliability Trials where an overall best performance is required (irrespective of Class), the SRs must specify whether actual marks lost or Index of Performance will apply.

7.4. In the event that the best 50% of finishers (as defined in 7.3.4) represents in less than five Competitors, scores equivalent to that of the Class winner must be added to the results of the Class a sufficient number of times so that the average for the Class can be based on five scores.

7.4.1. In the event of one or more Competitors finishing with a total score of zero for the whole event, a notional penalty of one mark will be added to the total score of ALL finishers before calculating the Index of Performance.

7.4.2. Ties will be resolved by comparing the number of penalties lost by each Competitor on each section, the winner being the Competitor who has the greater number of low penalties. Should this method not resolve the tie, the Organisers may resort to the 'furthest, cleanest' principle, starting from the first hill.

7.5. *Penalty marks will be incurred as follows, unless otherwise stated in the SRs:

	<i>Marks Lost</i>
Each minute late in reporting at a Start:	5
a) Each minute late in reporting at the Start or Re-Start	5
b) Failing in observed section not divided into sub-sections	6
c) Failing in observed section which includes a stop and Re-Start type test	6
d) Failing in an observed section which is divided into sub-sections. The penalty for failure will decrease in proportion to the number of sub-sections negotiated non-stop	12
e) Failing in observed section which includes a stop and Re-Start type test. (The penalty for failure will decrease according to the position of the test within the section)	12
f) Not attempting, or being ready to attempt, an observed section, sub-section or test when instructed so to do	12
g) Not complying with a reasonable instruction by an Official for which a penalty is not otherwise stipulated, provided warning of the penalty is given	12
h) Driver and/or Passengers not seated in accordance with 4.	12

(T) Trials

- i) Each minute early or late arriving at or departing from a time control, 1 mark/min subject to penalty-free time allowance of plus or minus five minutes (max 12)
- j) Causing undue noise at any point 12
- k) Offence under R.13 (k) (l) 12
- l) Additional penalty. 8.10 refers 12
- m) For second offence under (j), (k) or (l) Exclusion
- n) Varying ballast during event (per offence) 50
- o) Running with tyre pressure lower than that Permitted by Technical Regulations 50

Classic Reliability Trials (2)

8.1. *The SRs must specify the following, which are additional to and take precedence over 4.1 - 7.5.

8.1.1. Any public roads which are to be part of the route.

8.1.2. Any observed sections or tests on public roads.

8.1.3. The method of detailing the route and any maps required.

8.1.4. Any time schedule.

8.1.5. The time interval between cars at the Start.

8.1.6. The method of resolving ties.

8.1.7. The boundaries of observed sections which must be indicated by natural hazards, flags or posts.

8.1.8. The Start or Re-Start Line in an observed section or test which may be varied for each Class.

8.1.9. Any signs displayed, except during an observed section, test or quiet zone, will be considered as supplementary aid without mandatory authority unless otherwise specified in the SRs. The mandatory marking for quiet zones does not preclude the Competitor's responsibility to take necessary action should the sign not be in position.

8.2. No private road must be used by Competitors unless specific permission to do so is given in the Road Book or Route Card.

8.2.1. Competitors must visit controls, checks, observed sections and tests in the order set out in the Road Book or Route Card, unless otherwise specified.

8.2.2. A control or check is considered to extend for 50 metres around the actual point at which Officials are making records, unless clearly visible signs are displayed to define a different area.

8.3. Judges may be appointed to adjudicate on:

8.3.1. Stopping at Stop and Give Way signs.

8.3.2. Unauthorised use of auxiliary lights.

8.3.3. Unauthorised possession of radio equipment.

8.3.4. Contravention of Out of Bound areas.

8.4. Driving Standards Observers may be appointed to adjudicate on:

8.4.1. Excessive vehicle sound (observed during the event).

8.4.2. Excessive speed.

8.4.3. Driving in a manner likely to bring Motor Sport into disrepute.

8.4.4. Inconsiderate parking or waiting.

8.5. The Official in charge of any control or check may decline to mark or may withhold a Competitor's Road Book, Route Card or Time Card if the car concerned has suffered damage to the exhaust system, resulting in excessive sound.

8.5.1. *The Organisers may establish a check at any point to observe maintenance of a set speed, time schedule or route, provided the intention to do so is stated in the SRs and Competitors are given information to enable them to comply.

8.5.2. *The SRs must specify the exact procedure to be followed on each section where there is a stop and Re-Start test. Unless the SRs specify otherwise, a stop and Re-Start must take place at either a line to be stopped astride, or in a designated zone within which at least two wheels must be placed. When the car, as judged by a Marshal, is completely at rest, it must re-start in a forwards direction only. Any rearward movement of the vehicle will incur a penalty.

Timing

8.6. Standard Time is the time of day a notional Competitor (number zero) would be due at any Control or Check.

8.6.1. Scheduled Time is the actual time of day each Competitor is required to be at any specified point. Schedule Time can be calculated for any point for any Competitor by adding that Competitor's competition number multiplied by the time interval between Competitors at the Start to the Standard Time at that point.

8.6.2. Target Time is the time specified for covering the distance between any two consecutive controls or checks.

8.6.3. Due Time is the time of day a Competitor is due at any control or check, inclusive of any previous lateness.

8.7. All Official clocks or watches must be set to GMT/BST time so that a Competitor can always verify the accuracy of a timepiece.

8.7.1. Competitors will be timed by the Official timepieces in the charge of Officials.

8.7.2. The onus of presenting the Road Book or Route or Time Card rests with the Competitor.

8.7.3. When Scheduled Time is used, a Competitor late at one control or check may be an equivalent amount late at succeeding controls or checks without incurring further penalty. This is termed 'penalty free lateness'.

8.7.4. When Target Time is used, each period of time must be treated individually and no penalties thereby incurred are carried forward. Nevertheless, whichever system of timing is used, a Competitor will be considered not to have reported at a control or check if more than 30 minutes past Due Time, unless the SRs specify a shorter period.

8.8. Competitors delayed under the instructions of a bona fide Official of the event may claim an Official delay allowance free of penalty.

8.8.1. *The Organisers may require any Competitor who is late to reduce this lateness by either foregoing or reducing the period of time provided for remaining at a control or Official halt, so long as an instruction to this effect is given in the SRs or Official Instructions for the event.

8.9. Competitors can themselves reduce lateness

without penalty as follows, unless either forbidden to do so by the SRs or if, by doing so, they breach 8.10.

8.9.1. When Target Times are used, by covering the distance between any two or more points in a time less than the Target Time, so long as they do not report at a control or check before the Scheduled Time.

8.9.2. When Scheduled Time is used, by reporting at a control or check following one at which a penalty was applied for lateness, at any time not earlier than Scheduled Time.

8.10. A Competitor found to have travelled a distance greater than four miles between two consecutive time controls in less than three-quarters of the time specified by the valid Official time schedule will be penalised in accordance with 7.5(i) and (l).

8.11. No oral instruction to Competitors during an event will be valid if it affects the route, the time schedule, the layout or the performance of an observed section or test.

8.11.1. Any such instruction must be displayed as an Official notice or issued in writing to each Competitor.

8.12. Any Competitor driving at an excessive speed, in a reckless manner or in a manner likely to bring Motor Sport into disrepute, or convicted of any driving offence committed during an event, may be excluded.

8.13. Competitors must declare in writing to the Organisers at the Finish whether during the competition they have been involved in any incident or accident involving or causing damage to other persons or property.

8.14. Penalty marks will be incurred as per 7.5.

Technical Regulations

9. In addition to complying with Section J and the appropriate sections relating to their category of Trial, all vehicles competing in Classic Reliability Trials, Car Trials or Sporting Trials must meet the following Regulations:

Body (Including Aerodynamics)

9.1. All vehicles (except for Sporting Trials) must be equipped with an effective windscreen or aero-type screen

9.1.1. The body overhang of non-production cars must not exceed one-fifth of the overall car length at the front, and one-third at the rear. Overhang is measured from the line of the road wheel centres

9.1.2. For production cars, any extensions must not exceed the overhang proportions of a non-production car. Any additional spare wheel carrier should be fitted as close as possible to the body. Production cars need not comply with J.5.2 in respect of bonnets.

9.1.3. With the exception of cars of periods A to D all cars must be equipped on all wheels with mudguards which present no sharp edges and cover the complete wheel (flange+rim+tyre) around an arc of 120 degrees. This minimum coverage must:

- a) be achieved with a continuous surface of rigid material. The rear tyre must not be visible when viewed from above
- b) extend forward ahead of the axle line
- c) extend downward behind the wheel

d) extend downward behind the driven wheel to a point no more than 150mm above the axle centre line.

Seating

9.2. Vehicles must be equipped with two fixed seats for Driver and Passenger, the rearmost part of which must not be behind the rear wheel axis.

Wheels

9.3. Duplicated driving wheels are not Permitted unless specified in the SRs.

9.3.1. Competitors must carry a spare wheel and tyre as a replacement for one wheel on the car.

Transmission

9.4. Be fitted with non-torque biasing differential in full and free operation between the driving wheels unless:

9.4.1. A differential was not fitted by the manufacturer.

9.4.2. The vehicle is restricted to running in a nominated Class or Formula.

9.5. Vehicles must be two-wheel drive only, unless SRs allow four-wheel drive.

9.5.1. Four-wheel drive vehicles operating in two-wheel drive mode are not eligible, unless Permitted by SRs.

Silencing

9.6. Silencing must comply with noise levels specified in J.5.17.

Safety

9.7. If using a non-standard car, the fitting of a safety roll-over bar as specified in the safety requirements section of K.1.6.1 is recommended.

Miscellaneous

9.8. Other than Section J and in the following sections, there are no special requirements under Vehicle Regulations for: Chassis/Engines, Suspension, Brakes, Steering, Cooling Oil Systems, Fuel Systems, Electrical Systems, Weight/Ballast, Exhausts.

9.8.1. *The vehicle must comply with statutory regulations as to construction and use and lighting of vehicles (particularly regarding brakes, lighting, tyres, warning devices, rear view mirrors, wings, silencers, speedometers and windscreens) unless the SRs state otherwise.

9.8.2. Where fitted with forced induction, a coefficient of 1.4 must be applied.

9.8.3. Deleted.

9.8.4. Battery powered vehicles may compete in appropriate classes in Car Trials and Classic Reliability Trials, (excluding Sporting Car Trials), subject to SRs.

Classic Reliability Trial Vehicles

10. Classic Reliability Trial Vehicles will be classified as follows, unless otherwise stated in the SRs:

Class	Description
1	Front-engined, front wheel drive production cars (except vehicles in Class 6)
2	Production cars built prior to 1941 and the following: MG TC, Morgan 4-4 Series I, HRG

1100 & 1500, and Ford models (upright models to 1959) E04A, E494A, E4930A/B, E93A, E493A and 103E

- 3 Front-engined, rear wheel drive production saloons (except vehicles in Class 6)
- 4 Rear-engined, rear wheel drive production saloons up to and including 1300cc (except vehicles in Class 7)
- 5 (a) Front-engined production sports cars (except vehicles in Classes 1 or 6)
- 5 (b) Vehicles built from pre-1941 components (except vehicles in Class 2) and satisfying the tyre regulations in 10.11
- 6 (a) Rear-engined, rear wheel drive production cars (except vehicles in Class 4)
- 6 (b) Front-engined production cars fitted with torque biasing differentials as standard equipment
- 7 (a) Production cars modified beyond Permitted limits
- 7 (b) Rear-engined production cars fitted with torque biasing differentials as standard equipment
- 7 (c) Front-engined cars manufactured on a limited basis conforming to an accepted specification. Where modified beyond the accepted specification these cars will be classified in Class 8. These cars comply with either or both of 7 (c) (i) and/or 7 (c) (ii) below:
 - 7 (c) (i) Have the rearmost part of the front seat cushion(s) forward of any part of the rear tyres
 - 7 (c) (ii) Have a wheelbase of 90in (228.6cm) or greater
- 8 (a) Non-production cars
- 8 (b) Rear-engined cars (except vehicles in Classes 4, 6 and 7)
- 8 (c) Front-engined cars manufactured on a limited basis (except those in Class 7) including those which:
 - 8 (c) (i) Have the rearmost part of the front seat cushion(s) rearward of any part of the rear tyres, or
 - 8 (c) (ii) Have a wheelbase less than 90in (228.6cm)

10.1. A current MoT certificate, where appropriate, must be produced at the scrutineers request.

Safety

10.2. All vehicles must comply with Construction and Use Regulations and be fitted with safety belts if appropriate. Fire extinguishers to a level of safety specified in K.3.1.1 are mandatory and which are accessible to the crew.

Chassis/Body

10.3. Chassis/body structures must comply with definitions of a Saloon, Closed, Sports or Touring car as applicable. In particular vehicles must:

10.3.1. Retain their original wheelbase. Any alteration to the wheelbase of a production car (except in Class 2) will transfer the car to Class 8.

10.3.2. Be equipped with the same number of seats as intended by the manufacturer.

10.3.3. Have the forward and rearward bulkheads of the engine compartment in their original positions.

10.3.4. Retain the engine cover, boot lid and wings, although the material may be changed.

10.4. The weight distribution of the vehicle may be altered by the addition of ballast.

10.4.1. The position of the battery, spare wheel and fuel tank may be changed but any further modifications will cause the vehicle to be reclassified to Class 7.

10.4.2. In Classes 1 to 7 any ballast, tool or other boxes must be positioned within the body shell or the bumpers, firmly secured and not visible, protruding or varied during events (10.5).

10.4.3. A luggage box within the planview of the car may be included in an accepted specification for a car in Class 7(c).

10.5. The silhouette of vehicles in Classes 1 to 6, as seen from the side, must be unaltered except for the engine cover and bumpers. Bumpers may be removed, but if retained must be in the original manufacturer's position.

10.5.1. In Class 2 vehicles the chassis must be that of the original manufacturer for the vehicle, although a change in bodywork is permitted providing it is in keeping with the period.

10.5.2. To be eligible for Class 7, the chassis/floor pan of the original car (between wheel centres) must be retained.

Engine

10.6. The engine must comply with J.5.4.

10.6.1. There are no restrictions on engine tuning, providing the cylinder block is of the same manufacture and configuration as the original.

10.6.2. The make, type and number of carburettors is unrestricted.

10.6.3. The position of the engine mountings in the chassis may not be altered. Any further modifications will cause the vehicle to be reclassified to Class 7.

10.6.4. No part of the external exhaust system may be more than one metre above the ground.

Brakes

10.7. Vehicles must not have separate braking for individual driven wheels (fiddle brakes).

Suspension

10.8. Springs and shock absorbers may be changed and additional springs and shock absorbers fitted.

10.8.1. Anti-tramp and anti-roll bars, Panhard Rods and Watts Linkages are permitted.

10.8.2. Except for Classes 7(a) and 8, the original springing system and spring mounting points must be retained in operational use, eg leaf spring systems must retain at least the minimum number of leaves specified by the manufacturer and must not be replaced by coil or other springing systems.

Wheels and Tyres

10.9. Wheels of up to the standard diameter must be used, except for Classes 5(b), 7(a) and 8 where wheel diameter is free.

10.9.1. In Class 8, the maximum tyre section must be 185.

10.9.2. In all Classes 1 to 8 (except Class 2) the maximum permitted difference between front and rear tyres must be two sections.

10.9.3. No tyre may be smaller than that recommended by the car manufacturer.

10.9.4. Standard tyres must be used, with the exception of Michelin XRN, Pirelli P7, Uniband Rally Steel, Goodyear All Weather Steel Radial, Goodyear Ultra Grip, Goodyear Ultra Grip II, and Sterling (ATS) All Seasons Remould. All types of Grip, Town & Country, M&S or All Seasons patterns are prohibited.

10.10. In all Classes, spare wheels must be firmly secured by a permanent fixing.

10.10.1. Not more than two spare wheels may be carried externally, and these must be fitted as close as possible to the bodywork (excluding bumpers).

10.10.2. No part of the spare wheel(s) may be mounted externally in front of the windscreen or on the roof.

10.10.3. Cars with an external rear-mounted spare wheel in the manufacturer's standard position may add a second spare wheel, mounted flush with the original wheel, with no spacer.

10.10.4. The spare wheel(s) or mounting(s) may not extend rearwards more than 200mm from a vertical line passing through the rearmost part of the original bodywork (excluding bumpers), or more than 100mm beyond the rearmost part of the original bumper position for the model of vehicle, whichever creates the lesser protrusion. An alternative maximum dimension, not exceeding 400mm, may be included in an accepted specification for a car in Class 7(c).

10.10.5. In all cases, wheels fitted in the manufacturer's original position and number, are acceptable.

10.11. Class 2 vehicles must use cross-ply tyres (which need not be listed in Lists I or II but which must not be of Grip, Town & Country, Dual Purpose or M&S pattern), with the rolling radius to remain as original on vehicles. Class 2 vehicles must also be:

10.11.1. Fitted with tyres up to 6.00 section maximum if engine capacity is up to and including 1999cc.

10.11.2. Fitted with tyres up to 7.50 section maximum if engine capacity is over 1999cc.

Transmission

10.12. It is not Permitted to change the gearbox or transaxle casing (except in Class 7(a) or 8).

10.12.1. Original gear ratios may be changed.

10.12.2. It is not Permitted to fit limited slip, torque biasing, locked or lockable differentials other than as provided for in Classes 6 and 7(b) as standard equipment.

10.12.3. The rear axle casing must not be modified, except for cars in Classes 7 and 8 and those cars in Classes 1 and 3 to 6 whose model and mark type was originally manufactured before 1955.

10.12.4. Cars may fit replacement differentials, crown wheels and pinions provided the differential action remains free operating.

Electrical Systems

10.13. Vehicles must have a maximum of four forward facing beams in addition to side and indicator lights.

10.13.1. Auxiliary lights should not be used in non-competitive sections except in fog or falling snow as permitted by law.

10.13.2. All lights must be fitted and used in accordance with the Motor Vehicle Lighting Regulations.

Miscellaneous

10.14. Any car which has been improved within the manufacturer's specification for the range will be considered as a production car.

10.14.1. The fitting of a safety roll-over bar is recommended.

10.14.2. The fitting of sump, chassis and exhaust under body guards and proprietary tow bars is permitted.

10.14.3. The footbrake, clutch and accelerator pedals must all be in their original positions.

10.14.4. Silencing of vehicles must be to the levels specified in J.5.17, with engines running at three quarters maximum rpm.

10.14.5. For vehicles in Class 2 (pre-1941) any mechanical modification, as permitted by 6, must be compatible with the period.

Car Trials Formula

11. Classes are free but must be stated in the SRs. The following are suggested.

11.1. Class 1: 2WD Series Production Cars carrying no ballast.

11.1.1. Two Wheel Drive Series Production Cars, first registered on or after 1.1.98 taxed for road use, carrying no ballast, no modifications and driven to the venue.

11.1.2. The original carburettors, or fuel injection system including the throttle body and plenum chamber, including the air filter system must be retained.

11.1.3. It is permitted to replace the air filter element within the original housing.

11.1.4. It is permitted to fit a sump guard weighing not more than 10kg.

11.1.5. Wheels and tyres may be altered in accordance with 11.12.

11.2. Class 2: FWD Series Production Cars.

11.2.1. Front Wheel Drive Series Production Cars not eligible for Class 1.

11.3. Class 3: RWD Series Production Cars.

11.3.1. Rear Wheel Drive Series Production Cars not eligible for Class 1.

11.4. Class 4: Modified Series Production Cars and Kit Cars. This Class covers:

11.4.1. Series Production cars modified beyond Regulation 11.1 to 11.3 and modified up to the limits specified in 10 (Classes 1-6)

11.4.2. Front-engined Kit cars to approved MSA specification

11.4.3. Front-engined Kit cars modified beyond Car Trials Regulations and modified up to the limits specified in 10 Class 7(c) (ACTC approved specification).

11.5. Class 5: 4WD Series Production Cars.

11.5.1. Four Wheel Drive Series Production Cars of monocoque construction, taxed for road use, carrying no ballast, unmodified, and driven to the venue.

11.5.2. Where fitted with a dual range transmission, only high range may be used.

11.5.3. Competitors are reminded of the requirements of 11.8.3 to 11.8.6.

11.5.4. The original carburettors, or fuel injection system including the throttle body and plenum chamber, including the air filter system must be retained.

11.5.5. It is permitted to replace the air filter element within the original housing.

11.5.6. Wheels and tyres may be altered in accordance with 11.12.

General

11.6. *Any car fitted with a torque biasing differential or any other form of traction control as catalogued for that car will have tyre pressures set at 4 psi above the specified Class pressure.

11.6.1. Cars with an overall length of 166 inches and over in Classes 1 and 2 above may reduce tyre pressures by not more than 4 psi, subject to an absolute minimum pressure of 10 psi.

11.6.2. An Official handbook as issued by the vehicle manufacturer, showing the specification normally sold on the UK market, must be produced on demand.

11.6.3. Optional or alternative equipment as listed in the manufacturer's handbook may be fitted, with the exception of gear and differential ratios.

11.6.4. Special tuning and competition catalogues etc are not acceptable as manufacturer's handbooks.

Safety

11.7. Vehicles must comply with Construction and Use Regulations, and be fitted with safety belts if appropriate. The following are recommended:

11.7.1. Safety roll-over bar to safety criteria K.1.6.1 and 1.6.2.

11.7.2. Seat belts to safety criteria K.2.1.1 point.

11.7.3. Fire extinguishers to safety criteria K.3.1.1.

Chassis/Body

11.8. Vehicles should not have any chassis or body alterations except:

11.8.1. Bodywork ahead of and below the centre line of the front wheels and behind and below the centre line of the rear wheels may be removed

11.8.2. Panels to the front and rear of the centre line of the front and rear wheels respectively may be replaced by panels from any model in the same family of cars.

11.8.3. The weight distribution of the vehicle may be altered by the addition of ballast, which must be positioned within the body shell or bumpers, firmly secured and not visible or protruding.

11.8.4. Ballast must not be varied during an event.

11.8.5. The fitting of sump, chassis and exhaust under body guards is permitted.

11.8.6. External mirrors may be removed.

Engine

11.9. Engine tuning is Permitted within the following limitations:

11.9.1. The cylinder head and block must remain as originally supplied by the manufacturer as standard for that model.

11.9.2. If the Class structure suggested in 11.1 to 11.5 is used, carburettors, inlet and exhaust manifolds must remain as originally supplied by the manufacturer as standard for that model (except for Classes 2, 3 & 4).

11.9.3. Fuel injection and/or forced induction are prohibited unless offered by the manufacturer as standard or optional equipment for that model.

11.9.4. The stroke of the crankshaft may not be altered.

11.9.5. Cylinders may be re-bored to a maximum of +0.060in.

Brakes

11.10. Vehicles must not have separate braking of individual driven wheels (fiddle brakes) but it is permitted to increase the braking power of the vehicle.

Springs and Shock Absorbers

11.11. Spring and shock absorber mounting points must be retained unaltered, though the springs and shock absorbers themselves may be changed and anti-roll bars and anti-tramp bars added.

Wheel and Tyres

11.12. It is permitted to replace standard wheels provided they can be fitted without altering the hubs or anything attached to them.

11.12.5. Tyre sizes and aspect ratios are free, providing they are compatible with Construction and Use Regulations for the vehicle concerned.

11.12.6. Tyres must not be 'Grip', 'Town and Country', 'All Seasons' or 'M&S' patterns. The following tyres are specifically excluded: Sterling (ATS) All Seasons Remould, Michelin XRN, Pirelli P7, Uniband Rally Steel, Goodyear All Weather Steel Radial, Goodyear Vector.

11.12.7. Spare wheels and tyres must be carried in the same numbers and mounting position(s) as provided by the manufacturer.

11.12.8. On the driven wheels only, use minimum tyre pressures as specified in the SRs.

Transmission

11.13. If the Class structure suggested in 11.1 to 11.5 is used, only gear and axle ratios as stated in the Official manufacturer's handbook for the model and year of manufacture can be used, except for vehicles in Class 4.

11.13.1. Where components are changed to alter gear ratios as provided for above, they must be readily interchangeable and from the same car manufacturer.

Miscellaneous

11.14. All vehicles must:

11.14.1. Have bumpers fitted, when originally supplied for the vehicle

11.14.2. Be allowed to use proprietary accessories available for the vehicle

11.14.3. Not use alloy or plastic panels unless fitted as original equipment

11.14.4. If the Class structure recommended in 11.1 to 11.5 is used, rear seats must be fitted in the same way as originally supplied (except in Class 4).

National Trials Car Formula

12.1. The National Trials Car Formula involves four wheel vehicles complying with all Technical Regulations except J.5.2.2, J.5.2.3, J.5.2.4, J.5.2.6, J.5.20.4, J.5.20.6, J.5.20.7, J.5.20.8, J.5.20.9, 9.1 and 9.8 and Period Vehicle Waivers. Vehicles can be divided into two classes, up to 850cc and over 850cc up to 1650cc.

Safety

12.2. Safety Criteria K.8 is mandatory. The switch must be located on the off side rear of the car and be rearward facing. See Drawing 12.2. K.1.6.4(b) and K.2.1.1 three point are recommended.

Chassis

12.3. Chassis construction is free, but permitted wheelbase and width dimensions are shown in the Appendix 1, Chart 12.3.

12.3.1. Vehicle engines must be located with the centre of the foremost original manufacturer's sparking plug orifice not more than one-fifth of the wheelbase behind the centre line of the front wheel hubs where the only operative water radiator is mounted in front of the engine, or one-eighth if no radiator is fitted in front of the engine (tolerance 1cm).

Body

12.4. The bodywork must be of adequate strength and proper construction to provide a compartment for Driver and Passenger. It must meet the following criteria:

12.4.1. The front and rear overhangs must be as specified in the Chart 12.3.

12.4.2. It must be equipped with fixed seats for a Driver and one adult Passenger, and have seat backs not less than 30.5cm measured from the uncompressed base seat cushions along the angle of the seat back.

12.4.3. The rearmost portion of the seats (without cushions) at this 30.5cm height must not be behind a line through the vertical axis of the rear hubs.

12.4.4. All Passenger handles must be of rigid construction, securely anchored and neither flexible nor adjustable.

12.4.5. No handle must be capable of touching the ground in the event of a roll-over and all handles must be sited so that in the event of the car hitting a solid object, handles are protected from contact with the object by the chassis.

12.4.6. Any handle forward of the centre line of the rear axle must be fixed in accordance to dimension E as detailed in Chart 12.3.

12.4.7. Rear mudguards must be of adequate strength to protect Driver and Passenger from wheels and tyres.

12.4.8. Rear mudguards must cover the full length of the tyre in plan view at the top of the wheel and must extend outwards to within 5cm of the outside edge of the tyre wall.

12.4.9. Front mudguards must cover the full width of the tyre over an arc of 90° and extend rearward to not more than 10° above the horizontal line through the front hub.

Engine

12.5. Vehicles must use a single four-stroke production car engine not exceeding 1650cc and comply with J.5.4. Modifications are free.

Suspension

12.6. Any form of suspension can be used. For minimum track front and rear details, see Chart 12.3.

Steering

12.7. Any form of connection from steering wheel to the front wheels is permitted.

12.7.1. The position of the two swivel axes must not vary whilst steering.

12.7.2. Four-wheel steering is not permitted.

Brakes

12.8. Vehicles must be fitted with operative and effective front and rear brakes.

12.8.1. Independent rear braking is permitted, but no self-compensating controls are permitted on the rear brakes, which must be single leading-shoe drum brakes or disc brakes.

Wheels and Tyres

12.9. Wheel rims must not exceed a width of 11.43cm (4.5in) measured between the bead flanges, nor a diameter of 15in for driven wheels.

12.9.1. Tyre security devices are permitted in the rims.

12.9.2. Wheels should not carry any chains, spikes or non-skid attachments.

12.9.3. Tyres must be of a maximum size 165x15 on driving wheels and must be selected from Tyre List III (Section L).

12.9.4. Vehicles must carry one spare only, which must be a driving wheel as fitted on the car, fitted with any listed tyre. It is not permitted to add ballast to the spare wheel.

12.9.5. Motorcycle tyres on non-driving wheels are permitted.

12.9.6. Minimum tyre pressure 2psi.

Transmissions

12.10. Vehicles must be equipped with a differential gear which divides torque equally between the driving wheels.

12.10.1. Vehicles should not use any locked or lockable torque biasing or limited slip differentials, or any other automatic device which is designed to achieve the same result.

12.10.2. Any clutch/torque converter attached to the engine flywheel must be bolted directly to the engine crankshaft.

12.10.3. Gearboxes and transmissions with a sequential shift are prohibited.

Weight

12.11. Free.

Miscellaneous

12.12. Vehicles can have a starter motor mounted on either engine block or clutch cover and must comply with the silencing levels specified in J.5.17.

12.12.1. All measurements must be in accordance with these regulations when the car is unladen on a level horizontal surface.

750 Motor Club Trials Formula

13.1. Full details of this Formula are available from the 750 Motor Club Ltd, The Conservatory Suite, Donington Park, Castle Donington, Derby DE74 2RP. Tel: 01332 814548.

HST Car Formula

14. Cars must be prepared in the spirit of the period. The organisers of a historic sporting trial reserve the right to exclude any car that has a specification, component or modification (other than permitted specification modifications) that would not have been used in period. In all cases the onus of proving a specification, component or modification as being in period rests with the competitor who must submit the required documentary evidence.

14.1. The Historic Sporting Trials Car Formula involves four wheel vehicles complying with all Technical Regulations except J5.2.2, J5.2.3, J5.2.4, J5.2.6, J5.20.4, J5.20.6, J5.20.7, J5.20.8, J5.20.9, 9.1, and 9.8 including Period Vehicle Waivers (E to G) and Regulations T12 except T12.3, T12.4.6, T12.5, T12.6, T12.7, T12.9 and T12.9.3 but including T12.3.1.

In the following regulations, the term "Ford Sidevalve" refers to components from the following models: E04A, E494A, E4930A/B, E93A, E493A, E83W, 100E and 103E. The term "period" refers to 1/1/1931-31/12/70.

Classes

Vehicles will be divided into two classes, Historic (1/1/1931 – 31/12/1970) and Post-Historic (1/1/1971 – 31/12/1978) according to their technical construction in the following regulations.

Chassis

14.2. Must be of period design, constructed of steel tube and complying with the wheel base and track dimensions shown in Appendix 1 Chart 12.3.

Body

14.3. The chassis must be covered by an open body of period design constructed from Aluminium, Steel or Fibreglass.

Engine

14.4. Only the following engines are permitted:-

Historic Class: Ford Sidevalve, BMC A Series up to 948cc, Austin 7, Reliant 600/700/750 OHV, Reliant 750 Sidevalve. A Maximum of 60 thou overbore is permitted, the stroke must be standard and the camshaft and valves must be in original position.

Post-Historic Class: In addition to Historic Class approved engines, BMC A Series, Hillman Imp, Renault 16, Ford Kent Series (pre Crossflow and Crossflow) to a maximum of 1650cc.

14.4.1. At least one period European Carburettor must be fitted and in operation.

14.4.2. Forced induction is not permitted unless originally fitted to the vehicle.

14.4.3. Ignition systems must use a period distributor but the use of a contact breaker is not mandatory. Ignition mapping or any form of engine management system is not permitted.

Suspension

14.5. Historic Class vehicles must use transverse leaf front suspension. Otherwise, vehicles must be fitted with period leaf or coil spring systems. Only steel bodied dampers are permitted. Gas, remote reservoir or double adjustable dampers are not permitted. Independent suspension is not permitted.

Front Axle

14.6. Historic class vehicles must be fitted with the front axle beam from an Austin 7 or Ford Sidevalve. Post Historic Class vehicles must be fitted with a steel front axle beam of period design. Cars in the Historic class must use a period steering box.

Brakes

14.7. Disc brakes are not permitted.

Wheels and Tyres

14.8.1. In Historic Class a control tyre specified in SRs must be used on the driving wheels. Front wheels must bolt onto the brake/hub.

14.8.2. In Post Historic rear wheels must comply with T12.9 and the tyre on the driving wheels must be selected from current or previous versions of Tyre List III or be of both cross-ply construction and 16-18" in diameter.

Gearbox

14.9. Historic class vehicles must be fitted with a gearbox from a series production car of period. The casing and gear ratio may not be modified other than the fitment of a Ford 100E input shaft to a Ford 8 gearbox. The gearbox must be bolted directly to the engine.

Rear Axle

14.10. Vehicles must use a live rear axle from a period series production car.

Miscellaneous

14.11. Fuel must be Gasoline/Petrol, as defined in Nomenclature and Definitions.

14.11.1. The lowest overall forward gear ratio is 23:1.

14.11.2. There is no minimum weight.

14.11.3. No ballast may be carried.

14.11.4. Electric Water Pumps and cooling fans are permitted.

14.11.5. The fitting of a generator is optional.

Appendix 1: Charts and Drawings

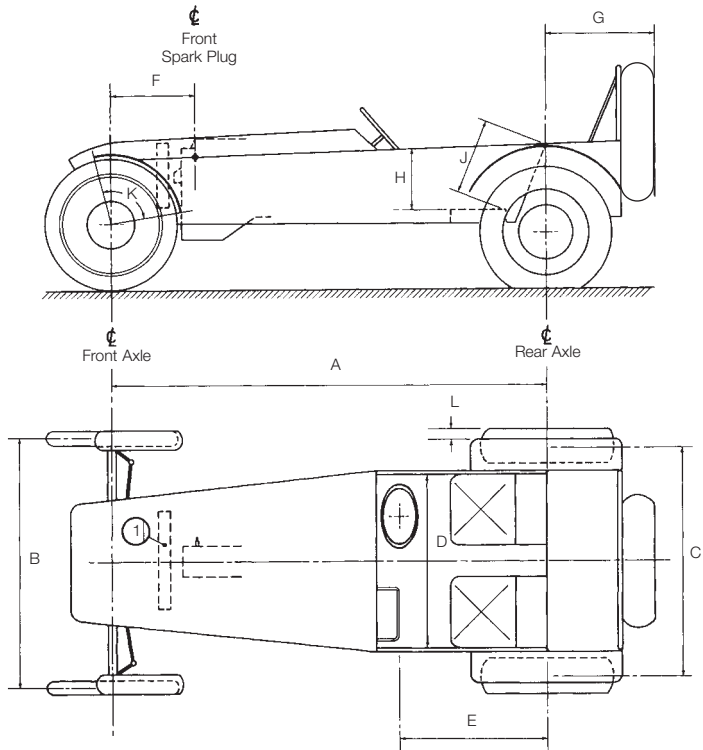
Chart 12.3

National Trials Car Formula dimensions (in mm) for Under and Over 850cc Classes.

		Class	
		Under 850cc	Over 850cc
A	Minimum wheelbase	1905	1981
B	Minimum front track measured on C/L of tyre's contact patch	1117	1117
C	Minimum rear track measured on C/L of tyre's contact patch	1117	1117
D	Minimum cockpit width	813	813
E	Minimum to Passenger handle	635	635
F	Maximum front axle to no. 1 plug (tolerance 10mm)	1/5 of wheelbase	1/5 of wheelbase
G	Maximum rear overhang	1/3 of wheelbase	1/3 of wheelbase
H	Minimum height side to seat	152	152
J	Minimum seat back height	305	305
K	Minimum front mudguard arc	90°	90°
L	Maximum rear mudguard from tyre edge	51	51

Note ① Radiator in front of engine, if water-cooled.

NATIONAL TRIALS CAR FORMULA DIMENSIONS





Specific Regulations for Karting

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Nomenclature and Definitions – Karting

This section of nomenclature and definitions must be read in conjunction with those given in section B of this publication.

Kart. A small four wheel racing vehicle with a rigid frame and no suspension of the wheels. The engine(s) drive the rear wheels only and these rear wheels must be joined by a single piece rear axle with no differential action between them. The Driver will be seated with feet to the fore.

Kart Class. A category within which Kart racing takes place defined by the engine or some other means.

Region. A grouping of individual Kart Clubs as recognised for the time being by the MSA Kart Committee.

Organisers' Regulations

1.1. Kart Race Meetings may only be organised by clubs registered as Kart Clubs by the MSA.

1.1.1. A Permit for any Kart event is issued at the sole discretion of the MSA, and is subject to the circuit having a valid Track Licence.

1.1.2. A maximum of one International or MSA Championship event permit for gearbox and one for non-gearbox karts can be issued on the same weekend.

1.1.3. Organisers must adhere strictly to the Class designations listed in the MSA Competitors' and Officials' Yearbook or MSA Kart Race Yearbook and must not in any way modify the title or Classes, or permit the use of unauthorised engines, unless given specific permission by the MSA.

1.1.4. Full details of all approved classes are contained in the current MSA Kart Race Yearbook.

New Kart Classes

1.2. The acceptance by the MSA of any new Kart Class is subject to the proposed Class being currently certified under the MSA Kart Class Homologation Regulations, which are available from the Technical Department of the MSA.

1.2.1. New Kart Classes will only be homologated at three yearly intervals, the next period commencing 01.01.2014. Applications for new Kart Class

homologations must be made in writing to the MSA by no later than 31st March of the year preceding the next period.

1.2.2. Exceptionally any CIK recognised and/or homologated Class may be introduced by the MSA at any time.

Specific Types of Kart Race

1.3. An Endurance Kart Race is a Kart Race of a minimum of 60 minutes duration, where the need to refuel and/or make drivers stops, or changes, is an integral part of the race. Drivers must have reached their 16th birthday. A group of licensed drivers may be referred to collectively by their team name without the requirement to hold an Entrants Licence.

There are two types of Endurance Kart events which require different licence grades:

1.3.1. Engines which do not exceed 15hp in total per kart, drivers must hold a minimum of a Kart Clubman Licence.

1.3.2. For engines exceeding 15hp in total per kart, drivers must hold a minimum of a Kart National 'B' (Novice) licence.

1.4. A Kart Clubman Event is a Kart event run primarily as entry level Karting. Competitors must hold the minimum of a Kart Clubman Licence.

1.5. Senior Kart Clubman. For 16 year olds and over. Engines may not exceed 15hp in total per Kart.

1.6. Junior Kart Clubman. For 11 to 16 year olds. Engines may not exceed 10hp in total per Kart.

1.7. Bambino Event.

Pre-Race training for 6 and 7 year olds, which can only be held on circuits specifically licensed for Bambino. Drivers must hold a Kart Clubman Licence, which they can obtain from their 6th birthday and may continue in Bambino until their 8th birthday. Full details and criteria are contained within the Kart Race Yearbook.

Circuits

2.1. A plan of the track of a scale at least 1:500, together with a Track Data Sheet, must be lodged with the MSA in conjunction with the issue of any Track Licence.

2.1.1. A new application for a Kart Track Licence must be made at least ten weeks before any proposed meeting.

2.1.2. If the Organiser is a new club, its first three meetings after being granted a Track Licence must be restricted to its own Club members subject to MSA observation.

2.1.3. Track Licences for new Short Circuits must conform to CIK/FIA Regulations and will only be granted after MSA inspection.

2.2. Licences will be graded as follows:

2.2.1. Suitable for all status meetings up to and including International.

2.2.2. Suitable for all status meetings up to and including National A.

2.2.3. Suitable for National B meetings only.

2.2.4. If a Long Circuit track incorporates a Short Circuit, the Circuits will be subject to individual grading and Track Licences.

2.2.5. Suitable for Bambino events. A specific endorsement must be detailed on the track licence to permit these events.

2.3. Existing Track Licences will be graded as above by an inspection.

Circuit Categories

2.4. There are five categories of track for Kart racing:

2.4.1. Kart Permanent Tracks with a lap distance of less than 1500m, where the shape can be determined at any time and all protective barriers are permanently in position.

2.4.2. Kart Temporary Tracks with a lap distance less than 1500m, where barriers are not permanently positioned.

2.4.3. Round the Houses Tracks using public roads or passing through residential areas or so classified by the MSA.

2.4.4. Long Circuits Any Kart circuit, other than 2.4.3, exceeding 1500m in lap distance and all licensed Motor Race Circuits.

2.4.5. Indoor Kart Tracks.

Circuit Regulations

2.5. All tracks shall comply with the following conditions:

2.5.1. Minimum width 6m.

2.5.2. Chicanes are not encouraged but when essential they must be approved by the MSA.

2.5.3. The surface must be regular throughout the length of the track, i.e. sealed or unsealed, durable and well graded, and free of holes, rough spots or loose particles.

2.5.4. All obstacles to a Kart leaving the track, such as poles, ditches, etc. must be adequately protected.

2.5.5. The track edges must be marked in an MSA approved manner.

2.5.6. Half tyres set in the ground are not permitted, and there must be no drop between the edge of the track and the verge.

2.5.7. Any marker must be of a size and weight that will not constitute a hazard.

2.6. If used, tyres should be secured into columns of at least three tyres height, all of the same diameter (Appendix 1, Drawing number 16).

2.6.1. Each column of tyres should be securely banded with non-metallic strapping as shown, bolted as per MSA specification or secured by any other means approved by the MSA.

2.6.2. Free-standing tyre walls should be formed by securing each column to its neighbour to make up units of at least three columns length.

2.7. Where alternative routes on the same track may be used, those not in use must be clearly marked by bollards or marker boards.

2.7.1. Painted lines on the track surface are not sufficient.

2.8. Any area which may at any time during practice or racing contain people other than members of the organising staff, or Competitors taking part in an event, should be protected from the track and from any area where Karts are in motion by a physical barrier.

2.8.1. This barrier must be permanent with a continuous, smooth, vertical face of at least 1m in height on the track side.

2.8.2. The barrier must be incapable of deflection away from the track if struck by a Kart travelling at the maximum speed likely to be achieved at that portion of the track.

2.8.3. If the barrier is used to contain people in an enclosure, it must be sited not less than 3m from the edge of the track.

2.8.4. On a bend or corner, if the barrier is less than 10m from the edge of the track, there should be a post and rope fence, keeping spectators a further 1m behind the barrier.

2.8.5. Unless otherwise authorised by the MSA, no spectator may be within 3m of the edge of a track on a straight, or within 8m on a bend.

2.8.6. Greater safeguards may be required if an area is considered hazardous, or in the vicinity of Karts travelling at high speeds. In all cases, the maximum possible space must be allowed in head-on situations and through any corner.

2.8.7. Energy absorbing protection of either tyre stacks, straw bales or other MSA-approved material should be placed in front of the ultimate barrier in head-on situations.

2.8.8. No variation of barriers/enclosures from that specified in the Track Licence will be permitted unless specifically approved by the MSA.

2.8.9. Access to all enclosures and to the track itself should only be by means of controlled entrances.

2.9. Temporary tracks will be subject to MSA approval and must conform in all ways to the Track Licence issued.

2.10. The maximum number of starters will be calculated as follows, unless otherwise stated on the Track Licence.

<i>Track width</i>	<i>Class</i>	<i>Max starters</i>
Min. width 6m	100cc	4 per 100m, max 24
	Gearbox	3 per 100m, max 18
	250 Int	3 per 100m, max 18
Min. width 7m	100cc	5 per 100m, max 34
	Gearbox	4 per 100m, max 30
	250 Int	4 per 100m, max 23

Note: Throughout these sections an asterisk(*) indicates a requirement for additional information to be printed in the Supplementary Regulations (SRs).

Text shown in Italics indicate a Regulation which may be amended in the SRs.

(U) Karting

2.10.1. Specific criteria will be determined for endurance races and Bambino events as defined by the MSA.

2.10.2. The grid for a standing start should be laid out so that there is at least 4m between the fronts of each row.

The grid formations will be:

Track width (metres)	Max starters
6 to 8	2 x 2 x 2 max
8 to 9	3 x 2 x 3 max
9 to 12	4 x 3 x 4 max
Over 12	5 x 4 x 5 max

(If approved by the MSA)

2.10.3. Where licensed motor racing circuits are used, spectators must be confined to the normal spectator enclosures.

2.10.4. Safety precautions must be those approved by the MSA for Kart Meetings at that circuit.

2.10.5. Long Circuit races will use slow rolling starts with formations as in 2.10.2.

2.10.6. The number of starters at long circuits will be determined by the MSA.

Equipment

3.1. The following minimum equipment is mandatory for all Kart meetings:

3.1.1. Warning notices, tickets, armbands, etc, as specified in D.31.1.

3.1.2. Flags as detailed in G.1.4 and Q.15.

3.1.3. Fire extinguishers (minimum 2kg dry powder) with a manufacturer's or agent's certificate issued prior to the season's racing to the effect that they are in working order. As a minimum, one must be available at the start line, two in the paddock in clearly visible positions, and one at each Marshal Post.

3.1.4. Track cleaning equipment comprising two units of:

- (a) One ordinary shovel.
- (b) Two brooms.
- (c) A metal container of 3kg of dry cement or suitable cleansing agent for removing oil.

3.1.5. A public address system available to the Clerk of the Course (a hand-held powered megaphone is acceptable as a minimum) for communicating with Competitors

3.1.6. A Starter's Sheet and an Officials' signing-on-sheet in the control of the Secretary of the Meeting

3.1.7. An Official Notice Board, prominently sited in the paddock or at Race Control for all Official communications, grid positions and race results

3.1.8. Certified scales and/or 100kg of certified check weights

3.1.9. A calibrated noise meter, microphone and accessories.

3.1.10. A Small Spill Kit is to be provided in all paddock areas.

3.1.11. At Motor Race Circuits, equipment must be to a similar standard as that required for a car race meeting.

Officials

4.1. Any club organising a Karting event must appoint the Officials listed below and brief them fully prior to the meeting (G.13.1).

4.1.1. All Officials must sign on before commencing their duties.

4.1.2. In carrying out their duties Officials must not expose themselves to any unnecessary hazard. (See Section G.)

Clerk of the Course

4.2. The duties of the Clerk of the Course, who must hold a licence valid for the grade of the meeting, are specified in G.5.

4.2.1. A Clerk of the Course will normally have only one Deputy at any meeting.

4.2.2. Details of the upgrading procedure for Kart Clerks of the Course are given in Section G.23.

Medical Organisation

4.3. All International Permit and Long Circuits events must have at least one doctor and two ambulances in attendance.

4.3.1. One ambulance must be equipped with portable resuscitation equipment and a crew trained in its use

4.3.2. It is recommended that a fast rescue car is also available for all Long Circuit meetings.

4.4. At all other events a local authority, St John, Red Cross or other approved ambulance, equipped to a suitable standard and including a portable resuscitation unit with crew trained in its use, must be in attendance at all times.

4.4.1. A doctor or MSA-registered Paramedic (F.7.3.1) must be present throughout practice and racing.

4.4.2. If entries exceed 100, or for MSA Championship events, there should be two ambulances present, or one ambulance and a fully equipped medical centre (F.6.4).

4.4.3. If only one ambulance is present and it has to leave the circuit, racing must not continue until it returns, unless alternative suitable transport approved, by the doctor or the chief medical representative, is present and available with sufficient trained staff to man it.

Kart Scrutineer

4.5. The Chief Kart Scrutineer must hold a licence (minimum National grade) valid for the grade of meeting. Licence grades are shown in G.28.

Marshals

4.6. The Clerk of the Course must ensure that responsible persons are appointed as Flag, Track and Paddock Marshals, and that they are fully briefed as to their duties.

4.6.1. All Marshals' posts, as detailed on the Track Plan, must be fully manned and equipped. Trackside posts must be properly protected and Flag Marshals must remain within the confines of that protection.

Flag Marshals

4.6.2. Flag Marshals are responsible for signalling to Competitors and warning them of hazards.

4.6.3. They should not leave their posts to render assistance in the case of an incident.

Course Marshals

4.7. Course Marshals are responsible to the Clerk of the Course for ensuring:

4.7.1. The track surface, markings and protective works are maintained in good order throughout a meeting.

4.7.2. Where alternative routes on circuits exist, they should ensure those not being used are properly indicated

4.7.3. The fire fighting equipment is readily available and correctly sited and that they are familiar with its operation

4.7.4. The track cleaning units are sited at suitable points

4.7.5. Proper supervision of the removal from the track of any Kart which may have stopped on or adjacent to the track

4.7.6. All entrances to the track are manned and that no unauthorised person comes within this area.

4.7.7. If enclosures are not surrounded by fencing, Course Marshals must be stationed at intervals between all enclosures and the track.

Paddock Marshals

4.8. Paddock Marshals must:

4.8.1. Maintain orderly conduct in the paddock and/or pit area. Notify Competitors of their starting positions

4.8.2. Assemble Competitors prior to a race.

4.8.3. Ensure that no competing vehicle goes onto the track until it has been approved by the Scrutineers.

4.8.4. Exclude from the paddock any unauthorised persons.

Secretary of the Meeting

4.9. The Secretary's duties are detailed in G.3.

Stewards

4.10. The organising club is responsible for the appointment of two Event Stewards, whose duties are detailed in G.2.

4.10.1. The MSA will also appoint a Steward (whose duties are also detailed in G.2) who will also be responsible for observing all Competitors (including novices) and, if satisfied with their competence, signing their licences.

4.10.2. Attention is drawn to G.1.

Lap Scoring and Timing

5.1. Manual lap scoring must be carried out at all meetings.

5.1.1. Where there is no transponder timing the Chief Lap Scorer must be nominated as a Judge of Fact in relation to race finishing order.

5.2. *Where timing takes place, there must be a Chief Timekeeper who must hold a licence valid for the grade of meeting detailed in G Table No. 6.

5.3. If using a light beam, timing must be to an accuracy of not less than 0.01 seconds and the equipment must be certified in accordance with G.29.12.

5.3.1. Transponder timing at Short Circuit Kart events must not be to an accuracy of less than 0.01 seconds.

5.3.2. Transponders must be from the MSA-approved list and used in conjunction with decoders certified in accordance with G.29.12.

5.3.3. The fitment of the transponder must be in accordance with the manufacturer's instructions at a predetermined position on the kart, as detailed in the SRs.

Signals

6.1. Red lights are mandatory for the starting signal.

6.1.1. The National Flag should only be used as a starting signal if the lights fail.

6.1.2. For a rolling start, vehicles start at the moment flag is raised.

6.1.3. For a standing start they start at the moment the flag is dropped.

6.1.4. A Green flag with Yellow chevron indicates a false start (see Section Q for flag signals).

6.2. A Yellow/Black quartered flag may be introduced by the Clerk of the Course at Short Circuit Kart Race meetings.

6.2.1. The flag will be waved and first be displayed at the start/finish line and then will flow around the circuit in both directions, as an adjacent post displays their waved flag.

6.2.2. Upon display of the Yellow/Black quartered flag all Karts must slow down to a steady pace (as on a rolling start) and must line up in order behind the leader who will act as the pace setter.

6.2.3. No overtaking is Permitted.

6.2.4. The field will remain in close formation, at reduced speed, for as long as it takes to clear the obstruction or remove the hazard.

6.2.5. Competitors who fail to slow down sufficiently or who overtake under the Yellow/Black flag may be excluded or otherwise penalised.

6.2.6. When the Clerk of the Course is satisfied that the problem is resolved, the race will be resumed by the display of a Green Flag at the start/finish line and the simultaneous withdrawal of all Yellow/Black flags around the circuit. Overtaking remains strictly forbidden until having passed the green flag on the start and finish line.

6.3. Yellow flags.

6.3.1. A stationary Yellow flag may be introduced: Danger, slow down sufficiently to ensure that full control of the vehicle can be retained. No overtaking.

6.3.2. Yellow flag – Waved: Great danger. Slow down considerably. Be prepared to suddenly change from the projected racing line, or take other evasive action including stopping if necessary. No overtaking. (This signal may be supplemented by flashing yellow light(s), as an added warning).

Race Procedure

7.1. The Clerk of the Course may permit a change of make of chassis or engine from those nominated on an entry form, provided application is made in writing before the end of scrutineering.

7.1.1. Only a Driver using a scrutineered engine/chassis who has completed a minimum of three laps practice at

(U) Karting

racing speeds within the Official practice period will be permitted to race.

7.1.2. Only one chassis may be used except when a second chassis is permitted in the SRs.

7.1.3. The maximum number of engines which may be used during a meeting is two, unless specifically varied in the SRs.

7.1.4. Changing the crankcase constitutes a change of engine.

7.1.5. Unless otherwise stated in SR's the Starter shall be deemed as a Judge of Fact in respect of Race Starts.

7.2. The number practising at any time shall not exceed the maximum permitted on the track for a race.

7.2.1. Adequate practice periods must be allotted to all classes, which must include sufficient time for Competitors requiring observation to be seen.

7.2.2. Where possible, novice and experienced Drivers should be allocated separate sessions.

7.2.3. Exceptionally, for Long Circuits, 120% of the number Permitted to race may practice at a time.

7.2.4. At no time may non-gearbox and gearbox Karts practice or race together.

7.2.5. Due regard must be paid to Driver experience and the relative speed of the karts if different classes are on the track at any one time during practice.

7.3. The course or its features or markings may only be changed between the last practice period and the event itself in exceptional circumstances.

7.3.1. Should it be necessary to make any change following the scheduled practice, an additional period of practice must be arranged.

7.4. The starting order in which Karts shall be arranged will be determined by:

7.4.1. Ballot.

7.4.2. Lap times recorded in practice.

7.4.3. Order of receipt of entry.

7.4.4. Finishing order of a preceding race.

7.4.5. As defined in SRs.

7.4.6. With the exception of Kart Tyro Events where the Kart Tyro guidelines apply, in all races where the grid position is determined by 7.4.1, 7.4.3 or 7.4.5, novice Drivers must occupy the rearmost grid positions. Where timed qualifying is used it shall have the same status as a race.

7.5. The Pole position must be on the side of the track that is on the inside of the first corner after the start, or as otherwise defined on the Track Licence.

7.5.1. The start line will be indicated on the track by a painted white line. Optionally (and recommended) tracks may also use the following markings to aid controlled cars (see illustration Drawing 7.5.1):

- (i) Two 2m wide lanes, bordered by white lines will be painted from a point, *no more than 100m and no less than 50m* leading to the start line.
- (ii) A Yellow Line shall be painted 25m prior to the Start Line. For rolling starts, this Yellow Line will also be indicated by soft cones (one cone on each side of the track).

7.5.2. When the Starter is ready for a race, he must signal by raising a Green Flag. A Marshal will then raise a Green Flag which will be the signal for the Karts to be released on to the circuit. After the Marshal has lowered the Green Flag, the entrance to the track will be closed and no further karts will be allowed to join the track.

7.5.3. Karts will form up in the assembly area and will be started when authorised by the Paddock Official after the Green Flag has been shown. Drivers will be under Starter's Orders from the moment that the Green flag is displayed.

7.5.4. Each track will establish a 'Safety Line'. Any Competitor who, having passed that 'Safety Line', receives assistance from anyone other than a signed-on Official may be excluded from the results.

7.6. Starts for races shall be as shown below. 'Le Mans' or any starts other than those specified below are forbidden.

7.6.1. Non-gearbox karts. A rolling start or a standing start if permitted by the track licence

7.6.2. Gearbox karts. A standing start with engines running, or a rolling start

7.6.3. Long Circuit events. All starts should be slow rolling starts following a formation lap.

7.7. In the case of a rolling start, on display of the Green flag karts will proceed round the course in grid formation at a steady pace to await the starting signal.

7.7.1. The karts may be preceded by an Official pace vehicle.

7.7.2. If there is no pace vehicle the Driver in No.1 position will control the speed.

7.8. When the starter is satisfied that the karts are approaching the start line in correct formation, the starting signal will be given by extinguishing the red light or by raising the National flag. If a further lap is required the red lights will remain on or the flag will not be raised.

7.8.1. It is an offence to break formation before crossing the start line itself and may result in the offender being moved to the back of the grid or otherwise penalised. Such penalties will not incur points or be recorded on the competition licence record.

7.8.2. For standing starts, Karts will stop on their correct grid positions. When the starter is satisfied the start signal will be given.

7.8.3. Where the optional track markings are used (7.5.1) the Clerk of the Course must make reference to their use in the drivers briefing. When used the start signal will not be given before the Yellow Line. The karts approaching the Start Line must remain in formation, at approximately half race speed (which will be set by the pole sitter) and be driven within the set of two metre lines appropriate to their side of the grid. It will be deemed an offence to accelerate in any way before the Yellow Line or drive outside the marked lines.

7.8.4. Once the signal to start the race has been given, Karts may not stop, intentionally or otherwise, to make repairs or adjustments. They may however drive to the pits, or a designated maintenance area, to undergo repairs or changes.

Stopping of a Race

7.9. The Clerk of the Course (or his designated representative) may decide to stop a race or practice at any time. Should a race be stopped by the display of red flags, the following procedures will apply:

7.9.1. If 25% or less of the race distance has been completed by the leader, the race will be abandoned, or if possible re-run in its entirety. Unless re-run, the race will be null and void.

7.9.2. If more than 25% but less than 75% has been completed by the leader, the Clerk of the Course shall, at his discretion, decide to:

- (a) Abandon the race. In which case the race (result) shall be declared as the order of finishing on the last full lap completed and before the race was stopped.

OR

- (b) Consider the race suspended and run it as a two part race. In this case the Karts will be restarted in a single file, rolling start. The starting order for the second part of the race shall be the order at the last full lap completed, before the race was stopped. "Drivers one lap down" shall be put in their correct position i.e., behind the drivers on the same lap as the leader. The race distance shall be the number of laps required to make up the full race distance. The finishing order of the second part, shall be the finishing order of the race ("drivers "one lap down" in the first part shall be deemed to have finished the race "one lap down" unless they have un-lapped themselves).

OR

- (c) Re-run the race in its entirety. If the race is to be re-run or completed the following will apply:

While the race is stopped, the whole course shall be considered as parc fermé and no work may be carried out to any kart. Mechanics will not be allowed on the circuit until permission is given by the Clerk of the Course and they, or Incident Marshals already on the circuit, shall not approach or touch any kart until permission is given. If/when authorised by the Clerk of the Course spark plugs may be changed and finger adjustments may be made to the carburettor settings. If a kart leaves the circuit during the stoppage it will not be permitted to rejoin the race. Any kart not racing before the incident, that caused the race to be stopped, shall not rejoin the re-started race. Karts involved in the incident that gave rise to the stoppage or who subsequently stopped racing prior to the displaying of the red flag because of the incident, may only re-join the race if the Clerk of the Course, in consultation with the Chief Scrutineer, is satisfied that a kart is safe to continue without repair, and the Chief Medical Officer is satisfied a competitor is fit to continue racing and they must start at the rear, whether it is run over the full race distance or as a two part race. Those karts that stopped after the incident that gave rise to the stoppage because they were instructed to do so or because the track was blocked, may join the restarted race in their proper place. Exceptionally, if it is decided to run the race in its entirety but becomes necessary to remove all karts from the

circuit, repairs may be made and all karts that came under starter's orders for the original race will be permitted to start the re-run race from the dummy grid in their original positions.

7.9.3. If 75% or more of the race distance has been completed by the leader, the race will be deemed to have ended. The race results shall be declared as the lap completed by him and before the race was stopped.

Re-Starting Procedures

7.10. If the race is to be re-run or completed the following procedure will apply:

7.10.1. While the race is stopped, the whole course will be considered as Parc Fermé and no work may be carried out to any kart. Mechanics will not be allowed on the circuit until permission is given by the Clerk of the Course. Neither the mechanics, nor Incident Marshals already on the circuit, can approach or touch any kart until permission is given. When authorised by the Clerk of the Course, spark plugs may be changed and finger adjustments may be made to the carburettor settings.

7.10.2. If a kart leaves the circuit during the stoppage, it will not be permitted to rejoin the race. Any kart not racing before the incident that caused the race to be stopped, cannot rejoin the re-started race. Karts involved in the incident that gave rise to the stoppage, or who subsequently stopped racing because of the incident prior to the red flag, may only re-join the race if the Clerk of the Course, in consultation with the Chief Scrutineer, is satisfied that a kart is safe to continue without repair, and the Chief Medical Officer is satisfied the Competitor is fit to continue racing. These karts must start at the rear, whether the race is run over the full distance or as a two part race. Those karts that stopped after the incident that gave rise to the stoppage because they were instructed to do so, or because the track was blocked, may join the restarted race in their proper places.

7.10.3. Exceptionally, if it is decided to run the race in its entirety but it becomes necessary to remove all karts from the circuit, repairs may be made and all karts that came under starter's orders for the original race will be permitted to start the re-run race from the dummy grid in their original positions.

7.11. For events on Long Circuits and Round the House Circuits the procedure is detailed in Q5.

Race Finish

8.1. After receiving the end of race signals, all karts must proceed directly to the Parc Fermé without stopping, giving or receiving any object whatsoever and without any assistance (except that of Marshals if necessary).

8.1.1. Any classified kart unable to reach the Parc Fermé by its own means will be placed under the control of Marshals who will supervise the movement of the kart to the Parc Fermé.

8.1.2. Attention is drawn to D18 regarding ineligible entries and Q17.1.4 regarding results.

8.1.3. Where timing is not authorised, it is prohibited to publish times or speeds in any practice or race result.

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8.1.4. Any other publication or display giving this information must clearly be shown and declared as 'Unofficial' and 'For Information Purposes Only'.

Parc Fermé

9.1. The Parc Fermé shall be sufficiently large and secure so that no unauthorised persons can gain access.

9.1.1. Parc Fermé requirements, where appropriate, will be specified in accordance with D25.1.18.

9.1.2. Only authorised Officials may enter the Parc Fermé and no intervention of any kind is allowed there unless authorised by such Officials.

9.1.3. When the Parc Fermé is in use, Parc Fermé regulations will also apply in the area between the finishing line and the Parc Fermé entrance.

Fees for Karting

10.1. See Part 3, Appendix 1.

Championships

11.1. No Championship may take place until an MSA Championship Permit has been issued.

11.1.1. The Notice of Intent and Regulations must be submitted to the MSA in accordance with the timescales laid down in the guidelines of the Kart Championship Control Panel.

11.1.2. Any Championship for which awards, either race by race or as the result of a series of races, include cash or goods in lieu of cash, or in which a sponsor's name or title is used in connection with the title of the Championship or series, will be considered a Commercial Championship and subject to a Registration Fee, which will be individually assessed.

Competitors' Regulations

12.1. Competitors must report for signing-on and scrutineering at the time specified in the SRs or risk being fined or excluded.

12.1.1. No kart may be driven in practice or in a race until it has been passed and logged by the MSA Scrutineer.

12.2. In conjunction with signing-on, the following items must be produced for approval:

12.2.1. Kart Racing Licence of the appropriate grade (14.1).

12.2.2. Club Membership Card (if appropriate) (D.4.3).

12.3. For all events the Clerk of the Course in consultation with the Stewards will designate the race as follows:

12.3.1. DRY – All Competitors shall use dry tyres

12.3.2. OPEN – Competitors have the choice of tyres (i.e. wet or dry)

12.3.3. WET – All Competitors shall use wet tyres.

12.4. A definition of wet tyres appears in 16.9.4.

12.4.1. At no time may a Kart be fitted with a mixture of wet and dry tyres.

12.4.2. Tyres shall only be those defined in the Class regulations.

12.5. Competitors must obey the flag signals detailed in 6 and Q.15.

12.5.1. All karts that take the start by crossing the start line under their own power (7.8) will be classified as a finisher on a roll back of laps basis.

12.5.2. Where the SR's provide, a finisher may have to complete a certain designated percentage of a race in order to be classified as a finisher.

12.5.3. Any Driver leaving the track more than twice, for whatever the reason, may be excluded from the race.

12.5.4. Where a Driver consistently drives with a wheel off the track or leaves the track, this may be deemed driving in a manner incompatible with general safety and the Driver may be excluded from the race at the discretion of the Clerk of the Course.

12.5.5. Once a race or practice session has started, karts may only be worked upon in a place of safety.

12.5.6. Refuelling during a race is forbidden, unless Permitted by the SRs.

12.5.7. Any Driver receiving outside assistance, other than by an Official, between coming under starter's orders and the end of the race may be excluded from the results at the discretion of the Clerk of the Course.

12.5.8. Track regulations in Q.14, as appropriate, apply to kart racing.

12.6. All transmission or communication of data, verbal or electronic, between a moving Kart and the Kart's Entrant or team is only allowed in the following circumstances:

12.6.1. If Officially sanctioned cameras and other recording devices and transponders are fitted as required by the Organisers of a specific meeting.

12.6.2. Voice communication in endurance races where SRs specify the use of relevant equipment, which must be appropriately licensed

12.6.3. A single burst of timing data from the Kart as it passes the receiver.

12.7. For Short Circuit Karting only, engines must not be run in the pits or paddock.

12.7.1. Kart engines may only be started in an area designated by the organisers, which shall include the live area of the circuit. When starting engines the driver must be seated correctly in the seat with all four wheels of the kart on the ground. Exceptionally non-centrifugal-clutch classes may start their engines, in the same designated area, with the kart positioned on a trolley in a position that will not endanger others.

12.7.2. Gearbox karts may run their engines in an area designated as above by using suitable blocks under the rear part of the chassis.

12.7.3. Any kart engine started in a designated area (12.7.1), other than in the live areas of the circuit, must not run for more than 10 seconds.

12.7.4. Subject to permission from the MSA, where tyres and wheels are lodged in parc fermé, karts may be started in a designated area (12.7.1) on a trolley, provided that all wheel nuts are removed from the live axle.

Clothing

Crash Helmets

13.1. Crash helmets, bearing an MSA Approval Sticker, must be worn at all times during training, practice and competition.

13.1.1. The user must ensure that the helmet is to a standard specified in the current MSA Competitors' and Officials' Yearbook, that it fits and is secured properly and that it is in a serviceable condition – see K.10.

13.1.2. Full face helmets are mandatory.

13.1.3. Competitors are warned that the addition of non-standard studs to a helmet for the attachment of visors or peaks is contrary to the BSI standards and may produce dangerous weakening of the helmet.

Goggles and Visors (K.11)

13.2. 'Whirley' visors are acceptable when fitted on top of normal visors, but holes must not be cut in normal visors.

Gloves and Suits

13.3. Complete gloves (not mitts or gloves with open backs) and boots (which must cover and protect the ankles) must be worn at all times.

13.3.1. Trailing or loose scarves are not permitted.

13.3.2. For Long Circuit Meetings, all Drivers must wear leather suits or suits approved by the MSA for Long Circuit kart racing.

13.3.3. For Short Circuits, only leather suits, or suits of a recognised CIK homologation standard (as per 13.4.1), are acceptable.

13.3.4. Leather suits must have a minimum thickness of 1.2mm measured at any part of the suit.

13.3.5. All clothing will be securely fastened at wrists, ankle and neck and must be adequate to minimise abrasions.

13.3.6. Drivers may wear two-piece suits providing they are zipped together.

13.3.7. Correctly fitted wet suits, specifically designed for this purpose, may be worn over an approved kart suit.

13.4. Driving suits, helmets, visors etc and all other protective clothing must be presented for inspection by the Scrutineers.

13.4.1. Examples of the only acceptable CIK homologation labels are shown in Appendix 1, Drawing 11. From 01.01.2016: The only acceptable CIK homologated suits are those to standard No. 2001-1 or No. 2013-1, level 1 or 2.

13.4.2. Suits homologated by the CIK prior to 1st January 1997 are not acceptable.

Kart Licences – See also H22

14.1. Kart Competition Licences (except Kart Clubman licences [1.3]) are issued to Competitors from the age of eight*. There are six grades:

- National B (Novice)
- National B
- National A
- International C
- International B
- International A.

* Entrant licences will not be issued to persons under 18 years of age.

14.1.1. Retaining and upgrading procedures are given in Section H.19.

14.1.2. A competitor will be considered as a 'Novice' and must use Novice number plates (17.27.4), for Long Circuits Q11.3. applies, until he has obtained six kart race signatures from MSA Stewards. (Completion of the ARKS Course (H.8.3) will constitute one of the six signatures.) Three of these signatures may have been obtained at NatSKA meetings held under an MSA Permit. Thereafter he can continue to compete on a National 'B' (Novice) Licence, or can upgrade to a National 'B' Licence in accordance with H.19.2 but he will no longer be considered a novice.

14.1.3. A valid licence/medical certificate must be produced at signing-on at all events (see H.10). For information on Licence validity, see the chart of Minimum Acceptable Licences in Section H.

14.1.4. New competitors to Long Circuits will be considered as Novices and must carry Novice plates (Q.11.3) until they have received four signatures from MSA Stewards for competing successfully on Long Circuits.

14.1.5. For competitors under the age of 18 years, a PG Entrant licence is required, H.27.1.9. applies.

Class Restrictions

15. The Class age and weight breaks are given below. Regulations within the Kart Race Yearbook may apply further limitations.

Cadet Class

15.1. Class for 8-13 year-olds.

15.1.1. A Competitor may continue in the Class until 31st December in the year of their 13th birthday, but may not move up before their 11th birthday.

15.1.2. A Cadet who is no longer a Novice (14.1.2) may move to the Super Cadet Class on or after their 10th birthday.

15.1.3. Having moved into a Junior class, they may not revert to Cadet.

Super Cadet

15.1.4. A Novice (14.1.2.) Competitor may enter the Super Cadet Class in the year of their 11th birthday and continue in the Class until 31st December in the year of their 14th birthday, but may not move to a Junior Class before their 11th birthday.

Junior Classes

15.2. A Novice (14.1.2) Competitor may enter the Junior Class from their 11th birthday and continue until 31st December in the year of their 17th birthday.

15.2.1. A Junior who is no longer a Novice (14.1.2) may transfer to any Senior Class (subject to the SRs of that Class so Permitting) at any time during the year of their 16th birthday. Exceptionally, a holder of a Kart National A licence may transfer to a Senior non-gearbox class from their 15th birthday, subject to meeting the required minimum driver weight if under 16 (15.3.2). Additionally, a holder of an International A or B kart licence may transfer to a Senior non-gearbox class at any time.

15.2.2. They may not however compete in Gearbox Karts until their 13th birthday (subject to individual Class regulations).

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15.2.3. Once a Junior transfers to an MSA Senior Class, they may not revert to Juniors.

15.2.4. A minimum driver weight is required in all Junior classes. This weight will be defined in Class Regulations by applying a kart-to-driver weight ratio as follows:

15.2.4.1. For classes with an entry age below the year of the 13th birthday, the ratio will be no greater than 2.5:1.

15.2.4.2. For classes with an entry age of the year of the 13th birthday or above, the ratio will be no greater than 2.6:1.

Senior Classes

15.3. A Novice (14.1.2) Competitor may transfer to a Senior Class from their 16th birthday.

15.3.1. Once a Junior transfers to an MSA Senior Class, they may not revert to Junior.

15.3.2. A minimum driver weight is required for any driver below the age of 16 competing in a Senior class, with the exception of International A or B licence holders (15.2.1). This weight is defined in individual Class Regulations.

Bambino

15.4. Pre-race training, in accordance with the current MSA Bambino Karting Regulations, for 6-8 year olds. A competitor may continue in the class until 31st December of the year of their 8th birthday.

Technical Regulations

16.1. All Karts must comply with these Technical Regulations.

16.1.1. Modification, addition, variation or tuning other than specifically permitted in these Regulations is prohibited. IF IN DOUBT . . . DON'T. Anyone requiring clarification or definitions concerning the Technical Content of these Regulations should apply in writing to the MSA.

16.1.2. The approval of a vehicle or component is an indication of the acceptance solely for the purpose of these Regulations, and is not to be taken as a guarantee or warranty as to the standard of its design or manufacture, or its fitness or suitability for any use to which it may be put.

16.1.3. In respect of the following regulations the definition of Magnetic Steel is: Structural steel or structural steel alloy meeting the ISO 4948 classifications and the ISO 4949 designations. Alloy Steels having at least one alloy element the mass content of which is $\geq 5\%$ are forbidden.

Chassis – All Classes

16.2. The Scrutineer must be satisfied that a Kart is safe, is of an adequately strong construction, does not include any temporary components and presents no undue hazard to its Driver or to other Competitors.

16.2.1. In particular, steering, brakes and wheels must be adequate for speeds that are likely to be attained.

16.2.2. Any replacement of original components and fixings must be fit for purpose.

16.3. The chassis frame must be constructed from magnetic steel tubing.

16.3.1. Cross-section is free.

16.3.2. It must be of one piece construction, either welded or brazed.

16.3.3. Any form of chassis frame control which includes pivots, dampers or similar devices is prohibited.

16.3.4. No additional holes for lightening or any other purpose (with the exception of those required for seat fixing) may be drilled in the chassis tubes.

16.3.5. Only those holes shown in the manufacturer's homologation, or in a manufacturer's Official replacement parts list, will be allowed.

16.3.6. Independent components fitted to protect the underside of the chassis tubes which may make contact with the ground are prohibited unless they are of a non-metallic type and of a design specifically approved by the MSA. (Note: Engine clamps, battery box clamps and brake disc protectors correctly positioned are exempt).

Dimensions (Excluding Cadet and Bambino Classes)

16.4. Wheelbase – Non-Gearbox, KZ1 and DD2:

Minimum 101cm, maximum 107cm, unless specified in Class Regulations.

Gearbox (except as specified above): Minimum 101cm (250cc and above: 106cm), maximum 127cm. Track – Minimum two-thirds of the wheelbase.

16.4.1. Overall length – Maximum 182cm without a front and/or rear fairing, 188cm for 210 and 250. Gearbox – 210cm including bodywork for all Gearbox when in Long Circuit trim.

16.4.2. Overall width – All classes, unless specified in Class Regulations Maximum 140cm.

16.5. No part of the kart can protrude outside the quadrilateral formed by the front fairing, rear bumper and outer face of the wheels and tyres, nor be higher than 65cm from the ground (except for a structure solely designed as a head-rest).

16.5.1. The chassis frame must be permanently marked with a unique number and the year of manufacture in an easily accessible position.

16.5.2. The use of titanium or magnesium is prohibited.

Flooring

16.6. There must be a floor made from suitably rigid durable material that stretches only from the central strut of the chassis frame to the front of the chassis frame, unless specified in Class Regulations and for Karts in Long Circuit trim when the floor must be at least from the central strut of the chassis frame to the front of the Kart. The minimum thickness of the floor tray must be 1.4mm for metallic, 1.5mm for composite and 3mm for plastic.

16.6.1. The floor tray must be flat, with any deviation allowed upwards, and not downward.

16.6.2. The floor must be edged on each side with a tube or rim to prevent the Driver's feet from sliding off the floor.

16.6.3. If the floor is perforated on the horizontal surface, with the exception of a hole to access the steering column fixing, the holes must not have a diameter of more than 10mm and they must be apart by four times their diameter, as a minimum.

16.6.4. It is permitted to drill additional holes for the specific purpose of mounting such items as pedal heel stops, ballast, sensors and fuel tank, provided that the holes are restricted to the minimum size and number

required to meet the purpose. They must not cause undue weakening of the floor tray at critical points.

16.6.5. It is permitted to use floor trays with decorative holes or slots so long as they are provided by the manufacturer and that the holes are in the raised sector(s) of the tray.

16.6.6. Mechanical fixings with more than three threads protruding on the underside of the floor tray are not permitted.

Suspension (Nomenclature and Definitions)

16.7. Any method of suspension, either by elastomeric material or by pivots, is prohibited.

Wheels

16.8. The wheels must be equipped with pneumatic tyres (with or without tubes) and the front wheels/hubs must be fitted with rolling element bearings.

16.8.1. Wheels which have been cut and welded are prohibited.

16.8.2. The attachment of the wheels to the axles/hubs must incorporate locking pins or self-locking nuts.

16.8.3. The requirement for wheel retaining locking nuts or secondary locking devices is waived for CIK homologated wheels and their associated fixings.

16.8.4. Hubs with a single retaining bolt feature must not protrude beyond the end of the axle, unless designed for that purpose, and must incorporate a retaining device.

16.8.5. Extended hubs with one or two retaining bolts designed to overhang the end of the axle are Permitted.

16.8.6. Any hub with an overall length (excluding wheel studs) of less than 60mm must not overhang the ends of the rear axle.

16.8.7. No form of hub nave plate is Permitted on the wheel.

16.8.8. For Long Circuits, all wheels must be fitted with some form of bead retention. Both rear outer rims must incorporate bead retention comprising three pegs at equidistant positions. This is applicable to both wet and dry tyres.

Tyres

16.9. When inflated on the wheel rims, tyres must not exceed a maximum external diameter of 35cm. Minimum external diameter must not be less than 22.2cm.

16.9.1. For certain Classes only Permitted tyres may be used as detailed in the Class Regulations.

16.9.2. All tyres designated for a specific Class must be identical in specification to the samples that have been tested and selected. Control tyres may be held by the MSA as a reference in the event of any dispute.

16.9.3. Tyres must be freely available as single units to the open market in the UK so that customers are not forced to buy either complete sets or other equipment in order to purchase a particular tyre.

16.9.4. To qualify as a wet tyre, tyres must be moulded in such a way as to ensure that grooves are created to leave a minimum of 60% and a maximum of 85% of the total surface area as a raised tread pattern. The grooves must have a minimum depth of 2mm at race start.

16.9.5. Hand cutting of all tyres, and remould tyres, are prohibited.

16.9.6. Heating of tyres, by any method, or their treatment by any chemical substance is prohibited.

16.9.7. The mechanical removal of accumulated rubber debris is permitted.

Brakes

16.10. Direct drive karts must have effective brakes acting on the rear wheels only, unless specified in Class Regulations.

16.10.1. Karts in the gearbox Classes must have brakes operating on all four wheels, with independent front and rear systems which must be hydraulic. Should one of the systems fail, the other must guarantee braking on two front or rear wheels.

16.10.2. Master cylinders must be fitted in a position safe from impact, at least 150mm behind the front bumper or to the rear of the pedals.

16.10.3. Hydraulic pipes must be securely fitted to the chassis upper sides and should be protected against damage.

16.10.4. All karts must have an effective dual connection between the brake pedal and calliper if mechanical, and between the pedal and master cylinder if hydraulic.

16.10.5. Where there is a dual linkage between master cylinders, the mandatory requirement for a secondary dual connection is waived.

16.10.6. The prime connection may be either solid or cable-operated, with a secondary safety cable set slightly looser to act as a back up in case of failure.

16.10.7. Drum brakes are not permitted.

16.10.8. Brake discs must be made from ferrous material.

16.10.9. When a cable is used, a minimum thickness of 1.8mm is mandatory.

16.10.10. An efficient rear brake disc protective pad (in Teflon, Nylon, Delrin, carbon fibre, Kevlar or Rilsan) is mandatory in all categories (except Gearbox Classes unless specified in Class Regulations) if the brake disc protrudes below, or is level with, the main chassis tube nearest to the ground. This protection must be placed laterally in relation to the disc in the longitudinal axis of the chassis or under the disc. It must be located within 120mm of the centreline of the brake disc.

Steering

16.11. The Kart must be controlled by a steering wheel with a continuous rim not incorporating any reflex angles in its basic shape.

16.11.1. The upper and lower one third of the circumference may be straight or of a different radius to the rest of the wheel.

16.11.2. Any device mounted on the steering wheel must not protrude by more than 20mm from the plane forward of the steering wheel (see Diagram 7) and must not have sharp edges.

16.11.3. It is recommended that the minimum diameter for a steering wheel is not less than 300mm across its widest section.

16.11.4. Wheels with flat handgrips are acceptable.

16.11.5. Flexible steering controls, by cable or chain, are prohibited.

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16.11.6. All parts of the steering must have a method of attachment offering maximum safety (split pins, self locking nuts or burred bolts).

16.11.7. The fitting of a steering lock is not permitted when the Kart is being driven.

16.11.8. The steering column must have a minimum diameter of 18mm and a minimum wall thickness of 1.8mm. It must be a hollow tube and be constructed from Magnetic Steel.

16.11.9. All karts must have the steering column mounted in such a way that even if the bottom retaining fastening is removed, it cannot pull free from its lower bearing.

Stub Axles

16.12. The use of chromium-plated stub axle assemblies is not permitted for any 250cc Gearbox Classes.

Seating

16.13. It is recommended that the seat be made of a fire retardant material.

16.13.1. It must be rigidly located on the chassis and designed to securely locate the Driver, without movement relative to the chassis when cornering or braking.

16.13.2. It is mandatory that all seats comprise metal or nylon reinforcement at all the anchorage points between the seat supports, any additional seat stays and the seat.

16.13.3. Reinforcements must have a minimum thickness of 1.5mm and a minimum surface area of 13 sq cm, or a minimum diameter of 40mm.

16.13.4. All such supports must be bolted or welded at each end.

Pedals

16.14. Whatever the position of the pedals, they must never protrude forward of the chassis or bumper.

16.14.1. The accelerator must be operated by a pedal equipped with a return spring.

16.14.2. For Karts in Long Circuit trim the brake pedal and all the parts operating the master cylinders must be made of steel and must be strong enough to withstand the forces applied.

Exhausts

16.15. The exhaust system must discharge behind the Driver and must not exceed a height of 45cm.

16.15.1. The terminal part of the silencer must not cross the quadrilateral formed by the outside of the wheels and the front and rear bumpers.

16.15.2. It must not present a hazard.

16.15.3. The Kart must have protection to prevent any contact between the exhaust system and the Driver when seated in the normal driving position.

16.15.4. Intake and exhaust silencing is mandatory.

16.15.5. Competitors must ensure that engines are prepared and equipped in order to meet or better sound level requirements.

16.15.6. Event Organisers and venue operators may impose more strict levels according to their own environmental requirements. Such additional

restrictions must be published in event SRs and be approved by the MSA.

16.15.7. The requirements for sound control Officials (Environmental Scrutineers) are detailed in G.7.8.

Sound Testing

16.16. Effective exhaust and induction muffling is mandatory on all karts so that the sound level regulations contained in 16.15.4 to 16.15.5 and 16.16.6 to 16.16.10 are respected.

16.16.1. The responsibility rests with the Competitor to comply with the sound regulations.

16.16.2. Scrutineers will check all intake and exhaust silencers for professional construction and secure fixing.

16.16.3. Any Competitor losing a silencer during a race will be immediately shown a black flag.

16.16.4. Intake silencers sealed to the carburettor intake, so that all air entering the carburettor passes through the intake silencer, are mandatory for all classes.

16.16.5. Details of specific silencing requirements and of approved silencers are given in the MSA Kart Race Yearbook.

16.16.6. Sound testing must be carried out at all kart race meetings using equipment equal to or better than the minimum requirements of G.7.8, which should be calibrated before use.

16.16.7. Tests will be conducted using a microphone suspended over the track above the normal driving line and connected by cable to the sound level meter.

16.16.8. The microphone should be positioned on a straight section of the track at a point where karts are at maximum power.

16.16.9. The measurement position should be selected so that the effects of ambient and reflected sounds are minimised. This position will be shown on the track licence.

16.16.10. Maximum sound levels will be 108 dBA with a microphone set at a height of 1.8m \pm 0.1m, or 105 dBA with a microphone set at a height of 3.6m \pm 0.1m above the track.

Fuel

16.17. Fuel must be Unleaded Pump Fuel, as defined in Nomenclature and Definitions, plus lubricant.

16.17.1. The petrol/lubricant mixture, as well as petrol only, must comply with the specifications in Nomenclature and Definitions.

16.17.2. Electrically powered vehicles are permitted.

16.17.3. Alternative fuels may be permitted subject to MSA approval.

16.17.4. The fuel tank must be fixed in such a way that neither it nor the fuel pipes, which must be flexible, present any danger of leakage during the competition.

16.17.5. The use of devices fitted to fuel lines, such as 'Powerplus', 'Proplus' or 'Carbonflow', is prohibited.

16.17.6. If plastic is used for the tank, it must be of a type suitable for carrying fuel.

16.17.7. The tank must supply the fuel pump with petrol under normal air pressure only.

16.17.8. Unless otherwise specified the petrol tank must be mounted within the area of the chassis frame.

16.17.9. Where appropriate, the Class Regulations will specify tank capacity.

16.18. For all classes, to enable a fuel test to be conducted, 3 litres of fuel should be present and a minimum of one litre of fuel must be present at the end of each race. The penalty for failure to have the minimum quantity present is exclusion from the results in that race.

16.18.1. This sample of one litre will be sent by the MSA for analysis at a laboratory selected from those on the UKAS list.

16.18.2. In the event that less than 3 litres are available then the competitor forfeits the right to select a sample for their own analysis (D.34 applies).

16.18.3. Competitors must declare the percentage of lubricant used and further must provide when requested a minimum of 0.5 litre of that lubricant.

16.19. Deleted.

Bodywork and Bumpers

17. The following regulations apply unless specifically varied in Class Regulations.

Short Circuit Karts

17.1. All short circuit karts must be fitted with bumpers and bodywork providing front, rear and side protection.

17.1.1. All bodywork fitted to short circuit karts (with the exception of Cadets and Super Cadets) must be CIK Crash-Tested and Homologated, with the sole exception of the rear protection. CIK Crash-Tested and homologated bodywork that expired in 2008, 2011 or 2014 may continue to be used. CIK Crash-Tested and homologated 'Mini Kart' bodywork may be mandatory for the Cadet and Super Cadet Classes for current homologation chassis from 1st January 2012.

17.1.2. CIK bodywork consists of a Front Fairing, Front Panel (Nassau Panel) and Side Pods as well as their homologated bumpers/bars and fixings. All parts must at all times conform to the relevant homologation fiche in every way.

17.1.3. The combination of homologated bodywork elements of different makes or models is authorised, save and except that the two side bodywork elements must be used together as a set. Components from the same element cannot be mixed, i.e. side bars from one homologation cannot be used with side pods from another homologation.

17.1.4. No element of bodywork may be used as a fuel tank or for the attachment of ballast.

17.1.5. No alteration of bodywork elements is allowed.

Front Bumper (Drawing 8)

17.2. The front bumper must:

17.2.1. Consist of two steel elements, lower and upper.

17.2.2. Be independent from the attachment of the pedals.

17.2.3. Be attached to the chassis-frame by 4 points.

17.2.4. Have a minimum front overhang of 350mm.

17.3. The lower bar must:

17.3.1. Have a height of 90mm \pm 20mm.

17.3.2. Have two attachment tubes of at least 50mm long, parallel (in both horizontal and vertical planes) to the axis of the chassis. They must be 450mm \pm 5mm

apart and centered in relation to the longitudinal axis of the kart. These attachments must be welded to the chassis-frame.

17.4. The upper bar must:

17.4.1. Have a height of 225mm \pm 25mm from the ground.

17.4.2. Have attachments 550mm \pm 5mm apart and centered in relation to the longitudinal axis of the kart. These attachments must be welded to the chassis frame.

Front Fairing (Drawing 6)

17.5. The front fairing must:

17.5.1. Under no circumstances be located above the plane through the top of the front wheels.

17.5.2. Not comprise any sharp edges.

17.5.3. Have a maximum gap between the front wheels and the back of the fairing of 150mm (with the wheels in the straight ahead position).

17.5.4. Have a front overhang of 650mm maximum.

Front (Nassau) Panel (Drawing 6)

17.6. The front panel must:

17.6.1. Not be located above the horizontal plane through the top of the steering wheel.

17.6.2. Allow a gap of at least 50mm between it and the steering wheel.

17.6.3. Not protrude beyond the front fairing.

17.6.4. Have its lower part solidly attached to the front part of the chassis-frame.

17.6.5. Have its top part solidly attached to the steering column support with one or several independent bar(s).

Rear Bumper

17.7. There is no mandatory requirement for a CIK Crash-Tested and Homologated rear protection system for National events.

17.7.1. For all classes except 210 National, 250 National and pre-2011 Cadet chassis a CIK Crash-tested and Homologated rear protection system in accordance with the CIK regulations may be used in lieu of a rear bumper.

17.7.2. For all Gearbox Classes where a CIK Crash-Tested and Homologated rear protection system is not used, a rear bumper to Gearbox rear bumper regulations (17.13) must be used.

17.8. The rear bumper must:

17.8.1. Be constructed from magnetic steel tubing with minimum outside diameter of 18mm and a minimum wall thickness of 1.4mm.

17.8.2. Consist of a minimum of a single horizontal tube, with outer extensions forming a closed loop, with two link tubes to the chassis anchorage points (as per Drawing 5, Diagram 1) at least 450mm apart at any point. The radius of the outer extension is free but it should not be less than 2½ times the tube outside diameter.

17.8.3. Have its tube and uppermost extension element between 160mm and 200mm above the ground in dry configuration.

17.8.4. Have its upper tube and extension loops made from a single piece of tubing.

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17.8.5. In side view, have a rearward rake of between 20 and 45 degrees to the vertical (see Drawing 5, Diagram 3).

17.8.6. Have an overall width not exceeding the rear width of the kart at any time (measured to the outside of the rear wheels or tyres, whichever is the greater).

17.8.7. Cover at least 50% of each rear wheel/tyre at all times.

17.8.8. Have any attachment fasteners made of high tensile steel.

17.8.9. Have any studs with more than 3 threads protruding from the rear of the kart covered with appropriate nuts, caps or suitable protective cover.

Side Bumpers (Drawing 8)

17.9. The side bumpers must:

17.9.1. Be attached to the chassis-frame by 2 points, which must be $500\text{mm} \pm 5\text{mm}$ apart. These two attachment tubes must be at least 50mm long, parallel (in both horizontal and vertical planes) to the axis of the chassis.

17.9.2. Have their upper bar at a minimum height of 160mm above the ground.

17.9.3. The side bumpers may be shortened and re-drilled in order to reduce the width of the kart; no other modifications are permitted to the homologated side bumpers.

Side Pods (Drawing 6)

17.10. The side pods must:

17.10.1. Under no circumstances be located either above the plane through the top of the front and rear tyres or beyond the plane through the external part of the front and rear wheels (with the front wheels in the straight ahead position). In the case of a "Wet Race" side pods may not be located outside the plane passing through the outer edge of the rear wheels.

17.10.2. Not have the outermost point of the external face located inside the vertical plane through the two external edges of the wheels (with the front wheels in the straight ahead position) by more than 40mm.

17.10.3. Have a ground clearance of 25mm minimum and 60mm maximum.

17.10.4. Have uniform and smooth surfaces that must not comprise holes or cuttings other than those necessary for their attachment.

17.10.5. Have a maximum gap between the front of the side pods and the front wheels of 150mm.

17.10.6. Have a maximum gap between the back of the side pods and the rear wheels of 60mm.

17.10.7. Not overlap the chassis-frame seen from underneath.

17.10.8. Be solidly attached to the side bumpers.

Gearbox Kart Bumpers

17.11. All gearbox karts in the 125 Open, 250 National and 210 National classes, unless specified in class regulations, must be fitted with bumpers/bodywork providing front, rear and side protection.

Front Bumper

17.12. The front bumper must:

17.12.1. Consist of at least 2 steel elements. A steel upper bar mounted in parallel above a steel lower bar,

with a minimum diameter of 18mm and a minimum wall thickness of 1.5mm, both bars being connected with 2 vertical tubes and welded to the upper rail as a minimum, and presenting a vertical flat face.

17.12.2. Allow the attachment of the front fairing whenever a mandatory requirement.

17.12.3. Be attached to the chassis frame by 4 points.

17.12.4. Have a front overhang of maximum 350mm.

17.12.5. Have the lower bar straight and with a width of 150mm minimum in relation to the longitudinal axis of the kart.

17.12.6. Have the attachments of the lower bar parallel (in both horizontal and vertical planes) to the axis of the chassis; they must be 155mm minimum apart, but are recommended to be a minimum of 220mm apart as mandated by CIK Superkart regulations, and centred in relation to the longitudinal axis of the kart at a height of $60\text{mm} \pm 20\text{mm}$ from the ground.

17.12.7. Have the upper bar straight and with a width of 250mm minimum in relation to the longitudinal axis of the kart.

17.12.8. Have the upper bar 170mm minimum and 220mm maximum above the ground.

17.12.9. Have the upper bar attachments $500\text{mm} \pm 50\text{mm}$ apart and centred in relation to the longitudinal axis of the kart.

17.12.10. Have the attachments of the upper bar and the lower bar welded to the chassis frame.

17.12.11. At no time have its upper element exceeding the height of the foot pedals, with the pedals in the relaxed position.

Rear Bumper

17.13. The rear bumper must:

17.13.1. Be constructed of magnetic steel tubing with a minimum outside diameter of 18mm and a minimum wall thickness of 1.5mm.

17.13.2. Consist of two horizontal and parallel tubes, with outer extensions forming a closed loop with a minimum radius of $2\frac{1}{2}$ times the tube outside diameter, with two vertical link tubes to the chassis anchorage points (as per Drawing 5, Diagram 2).

17.13.3. Have its upper tube and uppermost extension element $230\text{mm} \pm 20\text{mm}$ above the ground and be a minimum of 1100mm in length, and a maximum of the overall kart width.

17.13.4. Have its upper tube and extension loops made of a single piece of tubing.

17.13.5. Have its lower tube fixed horizontally between the main uprights, between $120\text{mm} \pm 20\text{mm}$ above the ground in dry configuration, be straight and a minimum of 600mm in length.

17.13.6. On the inside view, have a rearward rake of between 0 and 45 degrees to the vertical.

17.13.7. In the case where a vertical bumper is fitted, have the extension loops strengthened by triangulated steel braces to the chassis to reduce folding in onto the rear tyre.

17.13.8. Have an overall width not exceeding the rear width of the kart at any time (measured outside the rear wheels or tyres, whichever is the greater).

17.13.9. Cover at least 50% of each rear wheel/tyre at all times.

17.13.10. Have any attachment fasteners made of high tensile steel.

17.13.11. Not be an alternative design/material or an adjustable width bumper, except with specific written approval from the MSA.

17.13.12. Have any studs with more than 3 threads protruding from the rear of the kart covered with appropriate nuts, caps or suitable protective cover.

Side Bumpers

17.14. These side bumpers are mandatory in all configurations whenever CIK crash tested bodywork is not used.

17.15. Side bumpers must:

17.15.1. Be made from magnetic steel tubing with a minimum outside diameter of 18mm and a minimum wall thickness of 1.5mm.

17.15.2. Consist of two bars each side of the kart both bars being connected with 2 tubes and welded together, and presenting a vertical flat face, and they must be attached to the chassis frame by a minimum of 2 points. These 2 attachments must be parallel to the ground and must be a minimum of 450mm apart. Note for CIK Division 1 and 2 Superkarts, the 2 attachments must be perpendicular to the axis of the chassis and must be a minimum of 520mm apart.

17.15.3. Have a clearance between the bars and the tyres not exceeding 100mm (with front wheels in the straight ahead position).

17.15.4. Not extend beyond the plane through the outside of the front and rear tyres, with the front wheels in the straight ahead position (dry configuration).

17.15.5. At all times cover a minimum of 66% of the rear tyres.

17.16. The lower bar must:

17.16.1. Not exceed the height of the top of the rear axle.

17.16.2. Have a minimum straight length of 500mm.

17.16.3. Be 60mm \pm 20mm from the ground.

17.17. The upper bar must:

17.17.1. Deleted.

17.17.2. Be joined to the lower bar at each end and also include two additional uprights.

17.17.3. Have a minimum straight length of 400mm.

17.17.4. Be 200mm \pm 20mm from the ground.

Gearbox Short Circuit Bodywork

17.18. Gearbox Short Circuit bodywork is defined as including mandatory bodywork to general Short Circuit Kart regulations unless varied in Class regulations.

17.18.1. Lateral bodywork and front fairings must never cut the plane through the top of the front and rear tyres.

17.18.2. Rear vertical wing ends are permitted if class regulations allow but any form of wing or winglets or fully enveloping body panels are not permitted.

17.18.3. Flooring as 16.6 for short circuit karts.

Gearbox Long Circuit Trim

17.19. Gearbox Long Circuit Bodywork trim is defined

as any combination of wings (either full width or part width), side pods which are above the plane of the top of the front to rear tyres, or a full width front fairing to 17.23.2.

17.19.1. Wings are not mandatory.

17.19.2. If a front fairing is mandatory it will be specified in Class Regulations.

17.19.3. No part of the bodywork, including wings and end plates, shall be adjustable from the driving seat in racing condition when the kart is in motion.

Long Circuit Bodywork

17.20. Bodywork, bubble shield and wing must:

17.20.1. Be soundly constructed of a non-metallic material.

17.20.2. If plastic be splinter-proof.

17.20.3. Be designed to provide maximum safety for the driver and other competitors both during normal racing and in any accident.

17.20.4. Not present any sharp edges.

17.21. No part of the bodywork, including wings and end plates, shall:

17.21.1. Be higher than 600mm from the ground (except for structures solely designed as head-rests with no possible aerodynamic effect).

17.21.2. Extend beyond the rear bumper.

17.21.3. Be nearer to the ground than the floor tray.

17.21.4. Extend laterally beyond the plane of the front and rear tyres (with the front wheels in the straight ahead position and with the wheels in their outermost position), except in the case of a wet race (see Drawing 7, Diagram 9).

17.21.5. Have a width of more than 1400mm.

17.21.6. Have a gap of less than 25mm between any part of the bodywork and the tyres.

17.22. Should a complete bodywork and bubble-shield be used, the bubble-shield shall be connected to the bodywork by no more than four quick release clips and shall have no other fixing device.

17.22.1. Should the bubble shield be a separate structure, its maximum width shall be 500mm and the maximum width of its fixing frame 250mm.

17.22.2. The bubble-shield must neither be located above the horizontal plane passing through the top of the steering wheel nor be less than 50mm from any part of the steering wheel.

17.22.3. At the bottom the bubble-shield shall end symmetrically 150mm minimum from the pedals in the normal resting position and shall expose (not cover) the feet and the ankles.

17.22.4. In all cases, when the bubble-shield is removed, no part of the bodywork shall cover any part of the Driver seated in the normal position seen from the above.

17.23. The front of the nose of the bodywork must not constitute a sharp angle but must have a minimum radius of 20mm.

17.23.1. Front fairings must be such that it is possible for the front bumper to comply with the requirements.

17.23.2. They must not be wider than the front wheels when in a straight ahead position and the top of the

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fairing must be above the horizontal plane passing through the top of the front tyres.

17.24. The floor tray shall be of flat construction and must have a curved beading edge.

17.24.1. From 230mm ahead of the rear shaft, the floor tray may have an angle orienting it upwards (extractor). If the latter has one or two side fins, they must not protrude beyond the plane formed by the flat part of the floor tray.

17.24.2. Neither the floor tray nor any other part of the bodywork shall in any way resemble a skirt.

17.24.3. The floor tray shall not extend beyond either front or rear bumpers.

17.24.4. The width of the floor tray shall conform to and not exceed the dimensions of the bodywork including wings and end plates.

17.24.5. It is not allowed to cut lightening holes in the floor tray.

Number Plates

17.25. Number plates must have rounded corners (with diameters 15 to 25mm) and 22cm sides.

17.25.1. Stick-on panels used on an existing surface in lieu of a number plate need not have rounded corners and must be at least 17cm high by 17cm width with a minimum 1cm space on all sides of the numbers.

17.25.2. Number plates or stick-on panels as described above must be displayed in accordance with drawing 17.25. The numbers must be at least 15cm high and 2cm stroke width.

17.25.3. Numbers must be fitted to front, rear and both sides.

17.25.4. Number plates must be securely attached and numbers always legible.

17.26. For Long Circuit events, number plates must be carried front, rear and on the side facing the Timekeeper's box.

17.26.1. The plates must be square with sides of minimum 25cm.

17.26.2. The numbers must be minimum 20cm high with a minimum stroke of 3cm.

17.26.3. The plates must be fixed so as not to bend or otherwise change their attitude in the airflow.

17.26.4. The front and side number plates may be made of fibre glass (polyester).

17.27. No Club may alter the requirements concerning the numbering of Karts.

17.27.1. The plates must be in opaque flexible plastic, fixed in such a way that they are not deflected by the airflow.

17.27.2. The plates must be solid or be attached to a solid backing and contain no holes other than those required for fixing.

17.27.3. The numbers must be of the 'Classic' type as shown below and represented with an Arial type font:

1-2-3-4-5-6-7-8-9-0.

Motor Sports Council

Prince Michael Award of Merit

The Prince Michael Award of Merit is a prestigious personal award made by the Motor Sports Council to a maximum of two recipients each year by the Motor Sports Council in recognition of meritorious service to British motor sport. Meritorious service encompasses distinguished service or significant contribution to British motor sports; outstanding achievement in British motor sports.

Nomination papers are available from the MSA's General Secretary at Motor Sports House and should be returned completed, before the end of October each year.

Award of Merit Winners

1991 Jack Romain	1997 Alec Rivers Fletcher;	2007 Colin Rossborough
1992 Tony Bird	Donald Grieve	2008 Stuart Turner
1993 Peter Cooper;	1998 Michael Fenwick;	2009 David Butler MBE
Tony Fletcher	Keith Douglas	2011 Michael Southcombe
1994 John Felix; George Hall	2000 Robert Rae	2013 Colin Hilton;
1995 Brian Molyneux	2002 Tony Reynolds	Ronnie Trouton MBE
1996 Tom Dooley;	2004 Ken Walker	
Dick Newsum		

Centenary Award of Merit

1997 Professor Sid Watkins

17.27.4. Novice number plates will be black with either white or yellow numbers.

17.28. The MSA reserves the right to approve non-standard race numbers such as Grand Prix Winner – GP and 0 (zero), and also race numbers 1-10 (one to ten). No other non-standard numbers or numbers 1-10' are permitted.

17.28.1. Those awarded their respective "number" (one to ten) or non-standard plate may use it for the following year should they continue to race in the same Class and in the same type of event (Short Circuit Gearbox one to ten may not use their numbers for Long Circuit events or vice-versa).

As soon as Championship results are declared final the previous seasons plates may no longer be used and the new Championship winners will be the only drivers allowed to use such numbers.

Weight

17.29. Subject to 15, clubs may run classes to heavier weight limits (if MSA approval is given by the issue of a Kart Technical Exception (KTE)), but may not reduce the weight limits.

17.29.1. If it is necessary to use ballast in order to achieve a minimum weight no installation of ballast, be it a single unit or combination of units, may exceed 5kgs each and each such installation must be attached by at least two mechanical fixings.

17.29.2. More than one installation of ballast may be used provided that each is attached in accordance with 17.29.1.

17.29.3. No solid object (excluding jewellery/dog tags) may be carried on the Driver's person.

17.29.4. Plugs and plug spanner may be carried on the Kart in a suitable receptacle, secured to the kart in a manner acceptable to the Scrutineer.

17.29.5. After a Kart and Driver have competed in a heat or race, it is not permissible to alter the weight of the Kart or Driver in any way before being weighed.

17.29.6. For classes that include a minimum driver weight only mandatory items of Personal Protective Equipment (PPE), as required by 13.1-13.3, are to be included when the Driver is weighed.

17.29.7. Clubs may run classes to heavier weight limits (if MSA approval is given by the issue of a Kart Technical Exception (KTE)), but may not reduce the weight limits.

Rear Lights on Long Circuit Gearbox Karts

17.30. A rear-facing high intensity lamp must be fitted.

17.30.1. It will be permanently illuminated when wet tyres are fitted to the kart or a race is designated as a wet race, or when instructed to do so by the Clerk of the Course.

17.30.2. Only lamps having a high intensity, polarised light source and homologated with the MSA/FIA will be permitted.

17.30.3. The lens must have a minimum surface area of 28 sq cm and the illumination must be visible from a point 45° either side of the centre line.

17.30.4. The lamp unit must be mounted securely and centrally on the Kart, forward of the rear bumper and the whole illuminated area of the light is to be

positioned in the area shown in drawing 17.30, in wet or dry configuration.

17.30.5. The light must be able to be switched on by the driver when seated in the normal driving position by means of a switch.

17.30.6. Karts with lights not switched on when a race is declared wet will not be let out onto the circuit from the Assembly Area or Pit Lane.

Engines and Transmissions

18.1. The Scrutineer must be satisfied that the engine, transmission, exhaust system and all associated parts are installed in a workmanlike manner and will perform safely and present no undue hazard to the Driver or other Competitors.

18.1.1. Where hand-throttle systems are fitted to assist push starts, these should be maintained in a clean and fail-safe condition.

Engine

18.2. The engine must be the sole propelling unit of a Kart in running order.

18.2.1. It may be a two or four stroke engine, but both types may not take part in the same race (except Formula Cadet and compatible four stroke Cadet Classes which may be amalgamated).

18.2.2. Other four stroke engines of equivalent performance may be raced with two stroke engines karts in the same race, subject to MSA authorisation.

18.2.3. Unless the SRs state otherwise, only engines readily available through normal commercial channels may be used.

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18.2.4. Forced induction in any form is not permitted.

18.2.5. Power valves are allowed subject to class regulations.

18.2.6. All electronic/microchip methods of operation are forbidden.


18.3. Unless Class Regulations permit, any form of manually operated or variable ignition (advancing or retarding systems) is forbidden.

18.4. Unless Class Regulations permit, the use of programmable electronic engine management systems, which can be varied whilst the kart is in motion, is also forbidden.

18.5. Engines must be fitted with effective radio interference suppressors.

18.5.1. Only sealed, leak proof batteries are permitted.

18.5.2. Proprietary lead acid batteries, sealed for life, properly mounted and protected, are acceptable.

18.5.3. Engine starter batteries where permitted must be fitted to a main chassis rail or within the confines of the main chassis frame and shall be placed on the chassis in an area located to the side of the seat opposite the engine and behind the central strut or alternatively mounted on or behind the seat. If Lithium batteries are used, they must carry the appropriate "EC" and  markings.

18.5.4. Terminals and electrical connectors must be covered with insulating material.

18.6. No part of the cooling system is permitted to be located directly in front of the Driver's seat and may not pass over any part of the Driver's body.

18.6.1. All pressurised pipes must be reinforced and a catch tank is recommended on cooling systems with vented caps.

18.6.2. A retaining device is recommended on pressure caps.

18.6.3. The use of inhibiting agents including anti-freeze is permitted.

Transmission

18.7. The transmission is the method of transferring drive from the crankshaft drive sprocket to the back axle sprocket.

18.7.1. For some classes this drive may have a variable ratio gearbox interposed between engine and back axle sprocket.

18.7.2. Direct drive classes must not be fitted with a variable ratio transmission. However, they may be fitted with a clutch if permitted in Class Regulations.

18.7.3. Clutches are recommended for all Cadet and Junior categories, and are mandatory for all new Cadet and Junior UK homologated engines.

18.7.4. Karts competing in the Gearbox Classes must be equipped with a variable ratio transmission providing a minimum of two speeds and must be fitted with a clutch.

18.8. All classes must use axles of magnetic steel material with a maximum external diameter of 50mm.

18.8.1. The axle wall thickness at all points (except in keyway housings) must comply as minimum to the

dimensions shown in the table below. Exceptionally axles for use in 210 and 250 National classes with a diameter greater than 40mm must have a minimum wall thickness of 2.9mm. Please also refer to class regulations for any variations.

Maximum external diameter (mm)	Minimum thickness (mm)
50	1.9
49	2.0
48	2.0
47	2.1
46	2.2
45	2.3
44	2.4
43	2.5
42	2.6
41	2.8
40	2.9
39	3.1
38	3.2
37	3.4
36	3.6
35	3.8
34	4.0
33	4.2
32	4.4
31	4.7
30	4.9
29	5.2
28	Solid Axle
27	Solid Axle
26	Solid Axle
25	Solid Axle

18.8.2. The drive must always be to the rear wheels only.

18.8.3. Any method may be used provided no differential is incorporated.

18.8.4. All methods of chain oiling and greasing whilst the vehicle is in motion are forbidden, unless specifically permitted in the SRs.

18.8.5. Effective protection must be provided over the top and both sides of the exposed transmission chain (or belt) and sprockets, and extend to at least the lower plane of the rear axle.

18.8.6. Access for the starter is permitted.

18.8.7. Clutches on non-gearbox karts must be covered preferably by metal guards.

18.8.8. Non-gearbox karts must use a 219 pitch chain only.

Cameras

19. 12.6.1 applies. Cameras must be attached securely to the kart and be approved by the Chief Scrutineer and Event Organiser. The weight of the camera (excluding any additional casing, mounting and associated fixing) must not exceed 100gms.

Procedure for the Testing of Tyres (C4.3)

20.1. The following regulations must be read in conjunction with C4.3.

20.2. Tyre testing may be carried out at any time, before, during, or after a Competition on the instructions of the Clerk of the Course, Technical Commissioner, Chief Scrutineer, Eligibility Scrutineer or Steward.

20.2.1. The Clerk of the Course must always be notified of the intention to carry out tyre testing.

20.2.2. New unused MSA approved fuel sample containers, or other containers approved by the MSA, capable of being sealed by the authorised sampling official must always be used for the storage of tyre rubber samples.

20.2.3. Where there is the possibility that the tyre(s) may have "picked up" rubber from the track surface, the entrant shall be permitted (or may be required by the Eligibility or Chief Scrutineer) to remove the "pick up" from the tyre(s) with a mechanical device, such as a scraper. Rubber residue from the cleaning process must be collected and retained by the Chief Scrutineer for further testing as appropriate, and in a container as per 20.2.2. This residue sample must be differentiated from the tyre rubber sample by means of clear labelling and segregation.

20.2.4. Removal of rubber samples from the tyre must be done in a controlled and preferably clean environment within the Venue, such as in the scrutineering bay, and always under the supervision of the Chief Scrutineer or Eligibility Scrutineer. Removal onto a clean, uncontaminated surface is essential. The tyre rubber sample(s) will then be subjected to testing in the approved manner as detailed below.

The competitor (or in the case of minors, the Competitor and PG) shall have the right to be present.

20.2.5. Three samples will be taken and must be sealed and labelled in separate MSA approved containers as per 20.2.2. Details of sealing must be notified to the Clerk of the Course. Prior to sealing, the samples should be wrapped in clean aluminium foil to prevent contact with any plastics.

20.2.6. Each sample must be a minimum of 1mm width, 25mm length and 0.3mm depth.

20.2.7. Each sample shall be placed and sealed in a tamper-proof evidence bag and each bag signed by:

- (i) the Chief Scrutineer or Eligibility Scrutineer and
- (ii) the Competitor.

20.3. Analysis Testing

20.3.1. The results of all analysis testing will be compared for compliance with the relevant tyre manufacturer's specification for that model retained by the MSA.

20.3.2. The Entrant is entitled to select one of the samples for their retention (the "Entrant's Sample") and to nominate a testing laboratory on the list of the United Kingdom Accreditation Service (UKAS) for the independent testing of that sample, if required as per 20.3.6.

20.3.3. The remaining two samples must be delivered by the organisers to the MSA, normally within 10 days of the event.

20.3.4. The MSA will then select one of these two samples at random and arrange testing of the selected sample at a laboratory on the UKAS list, or a laboratory approved by another ASN. The breaking of the seal must be witnessed by a representative of the MSA.

20.3.5. The result of this MSA first test will be notified pursuant to 20.6.

20.3.6. If the result of this MSA first test confirms non-compliance (20.3.1), the Entrant may, within 14 days of being notified of this non-compliance (20.3.5), submit the Entrant's Sample for testing at the laboratory nominated by them (20.3.2) and at their expense (20.7.2). The Entrant must be given the opportunity to be present at this test and the test, including the breaking of the seal(s), must be witnessed by a representative of the MSA.

20.3.7. If the Entrant does not submit the Entrant's Sample for testing within the said 14 days (20.3.6), or if the result of their test confirms non-compliance (20.3.1), the tyre(s) will be deemed ineligible and notification will be given under 20.6.

20.3.8. If the result of the Entrant's test confirms compliance (20.3.1), then the MSA will arrange for the remaining third sample to be tested by a laboratory on the UKAS list not previously used in this particular testing process. The Entrant must be given the opportunity to be present at this test and the test, including the breaking of the seal(s), must be witnessed by a representative of the MSA.

20.3.9. Where testing takes place under 20.3.8, the MSA and the Entrant agree that the result of this third test will conclusively determine the compliance or non-compliance of the tyre(s) (20.3.1). Notification will be given under 20.6.

20.4. Comparison Testing

20.4.1. The results of all comparison testing will be compared for compliance with the results obtained from a sample taken from the same manufacturer and model of tyre, from the same controlled source, at the beginning of the Event.

20.4.2. Comparison testing will only be implemented where tyres for the Event are provided by the organisers for all competitors in the class(es) from a single controlled source.

20.4.3. One sample, selected at random, will be tested on-site by an MSA approved official and in accordance with MSA approved procedures, subject to Championship Regulations.

20.4.4. If the result of this test confirms compliance (20.4.1), no further action will be taken.

20.4.5. If the result of this test confirms non-compliance (20.4.1), the Entrant will be informed and will be given the opportunity to select one of the two remaining sealed samples for testing in their presence.

20.4.6. If the Entrant chooses not to have a sample tested, or if the result of this second confirms non-compliance (20.4.1), the tyres will be deemed ineligible and notification given under 20.6.

20.4.7. If the result of this second test confirms compliance (20.4.1), the remaining third sample will be tested; the Entrant must be given the opportunity to be present at this test.

(U) Karting

20.4.8. Where testing takes place under 20.4.7, the MSA and the Entrant agree that the result of this third test alone will conclusively determine the eligibility of the tyre(s) (20.4.1). Notification will be given under 20.6.

20.5. Storage of Samples

20.5.1. Samples retained by the MSA or its authorised Officials must be stored in a secure location.

20.5.2. If there is any evidence that any seal and/or container has been tampered with, then that sample will be deemed to have failed the relevant test.

20.6. Notification of Results

The result of either Analysis or Comparison tyre testing will be reported to the MSA or its authorised official

and must be communicated to the Clerk of the Course, Technical Commissioner(s), Chief Scrutineer and Eligibility Scrutineer prior to publication (C3.1.1).

20.7. Cost of Testing

20.7.1. Unless tyre testing is specifically authorised by the MSA, the cost of testing shall be initially borne by the Club, organisation or individual requesting the test. However, whenever the conclusion of the testing procedure confirms non-compliance, then the Entrant shall be ultimately responsible for all costs and fees arising from the testing procedure.

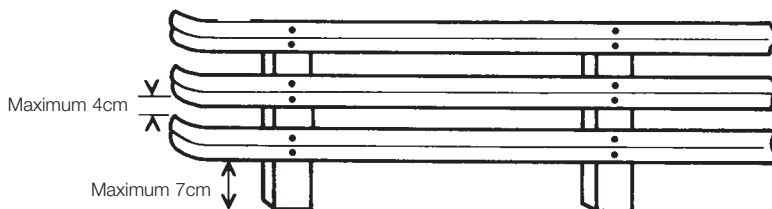
20.7.2. Where the Entrant chooses to submit a selected sample for testing at a laboratory of their own choice (20.3.6), they will be responsible for all charges relating to that testing.

Appendix 1: Drawings

Drawing number 16

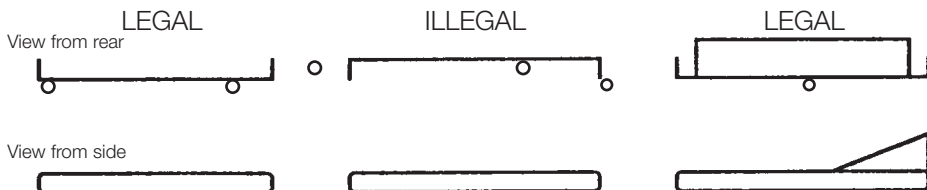


Drawing number 2



If open type fencing or railing is employed, the gap at the bottom should not be more than 7cm in height, and the gap between the rails not more than 4cm. The support posts must not protrude above the level of the top rail.

Drawing number 10



Drawing number 11

Only suits bearing one of the below labels are acceptable as CIK homologated.



Final year of the homologation
Manufacturer's name
Homologation application number



Final year of the homologation
Manufacturer's name
Homologation application number



Final year of the homologation
Manufacturer's name
Homologation application number



Standards N...
Year of homologation
Name of the manufacturer and manufacturing date
Homologation number
Efficiency...



CIK-FIA standard no.
Year of homologation
Homologation no.
Efficiency level
Manufacturer, manufacture date and homologation expiry date

Drawing number 5



Diagram 1



Diagram 2

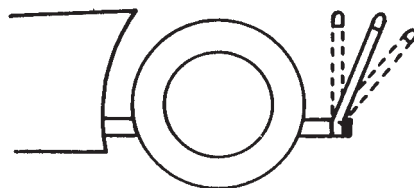
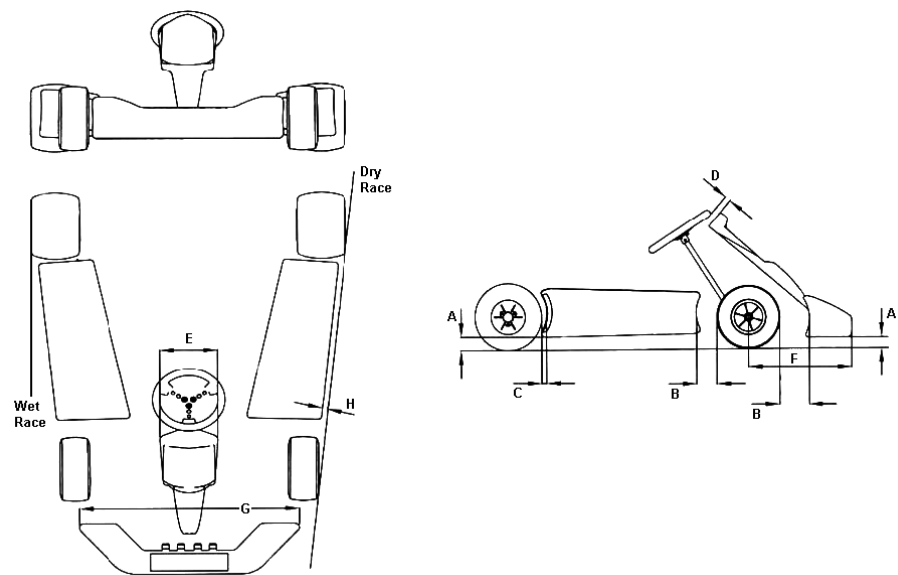


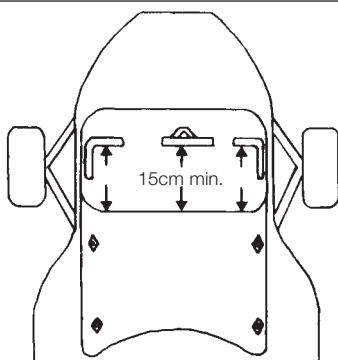
Diagram 3

Drawing number 6



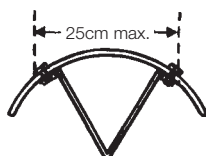
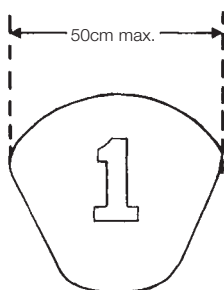
Code Letter	Short Circuit	Cadet	Limit
A (Drive onboard)	25mm	25mm	Minimum
	60mm	60mm	Maximum
B	150mm	150mm	Maximum
C	60mm	60mm	Maximum
D	50mm	50mm	Minimum
E	250mm	250mm	Minimum
	300mm	300mm	Maximum
F	650mm	500mm	Maximum
G	1000mm	700mm	Minimum
	External width of front track	1000mm	Maximum
H	40mm	40mm	Maximum

Drawing number 7



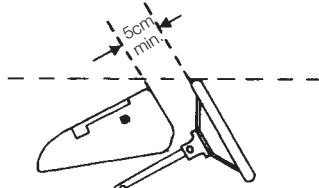
Lower end of bubbleshield showing minimum 15cm gap between shield and pedals. Also indicating the maximum 4 fixing points if shield attached to bodywork.

Diagram 6



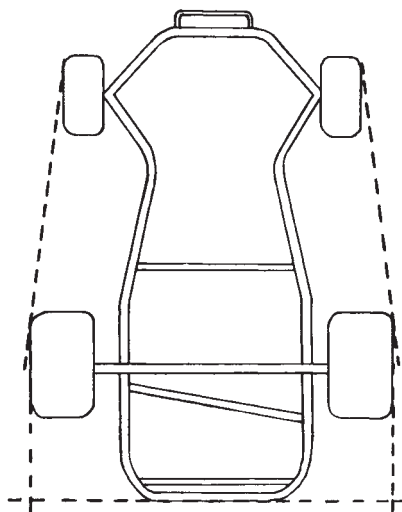
Bubbleshield showing overall width dimensions and the maximum width of supports.

Diagram 7



Bubbleshield profile showing horizontal line it must not cross and the minimum 5cm gap between the shield and steering wheel.

Diagram 8



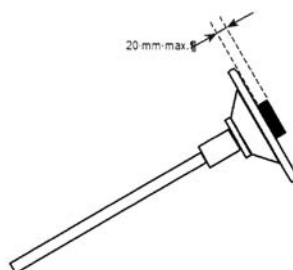
The plan showing the limits beyond which neither bodywork, wings or end plates may protrude. (Kart in dry tyre condition.)

Diagram 9



Floor tray. Showing legal and illegal. Illegal is defined as creating a skirt effect.

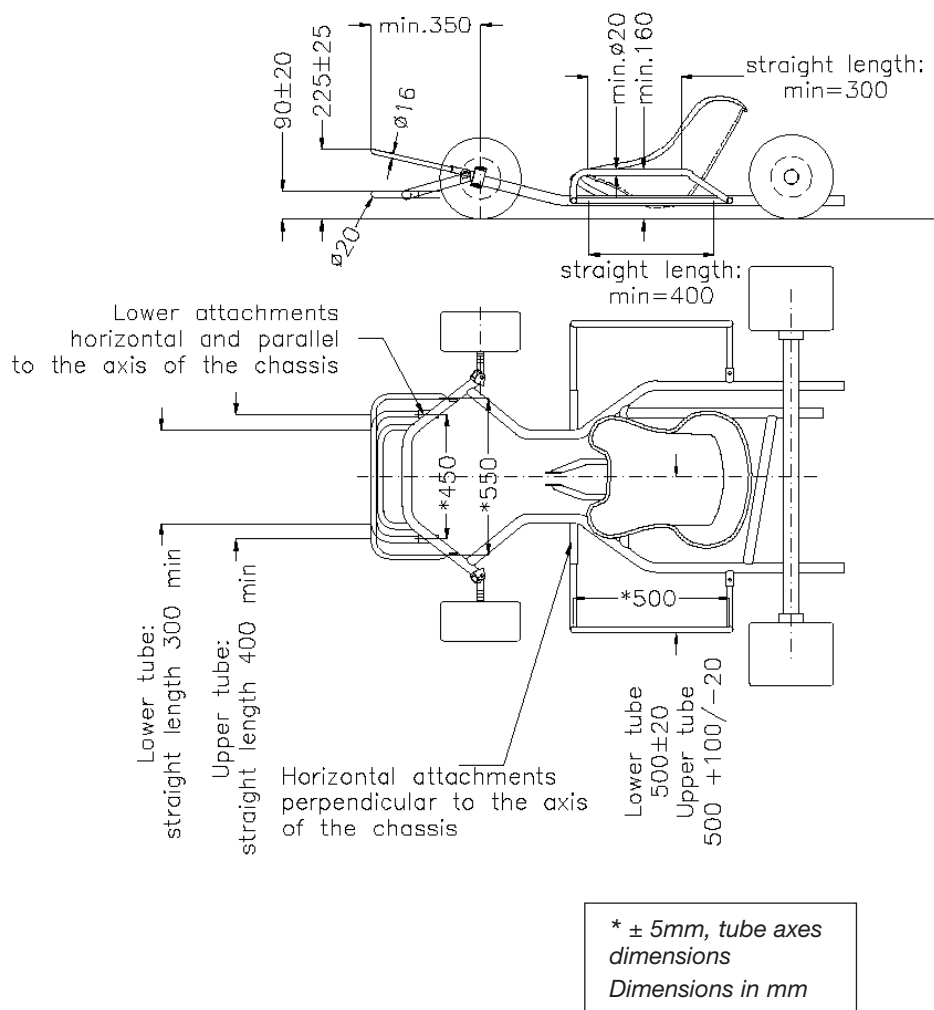
Diagram 10



Steering wheel projection.

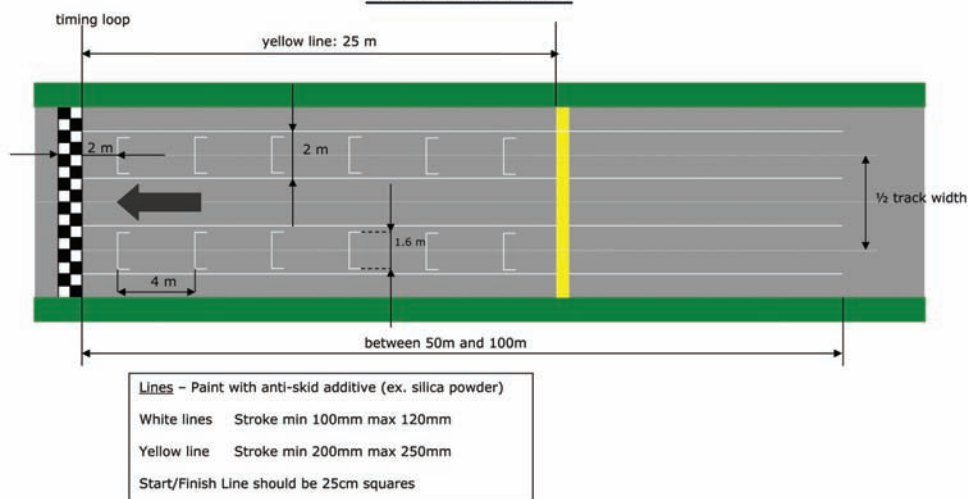
Diagram 8a

Drawing number 8

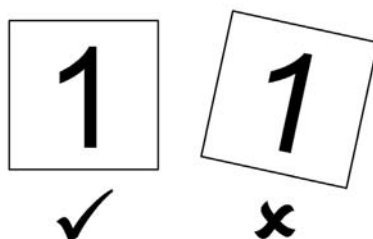


Drawing number 7.5.1

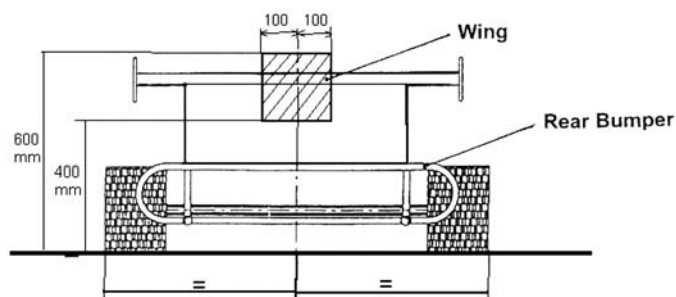
STARTING GRID



Drawing number 17.25



Drawing number 17.30



National Records

1. Jurisdiction

The FIA will adjudicate upon all claims to International Class and World Records. Claims to such Records following attempts within the territory of the MSA will be submitted to the FIA by the MSA. The MSA will adjudicate upon all other claims to Records made within its territory. At all times these regulations should be read in conjunction with the FIA's Appendix "D".

2. Records Recognised. The only Records which may be recognised are Local Records, National Records, International Records and World Records. No distinction is drawn between Records made on a track and Records made on a road.

2.1. Local Record – recognised by the MSA, within its jurisdiction, as the result achieved on an approved course, whatever the nationality of the driver. A record made during a race is not recognised.

2.2. National Record – established in conformity with the rules of the MSA and deemed to be a Class record on its territory, or the territory of another ASN with their prior authority. Irrespective of class it may also be recognised as an absolute national record.

2.3. International Record – recognised by the FIA as the best result achieved in one of the categories, groups, cylinder –capacity classes or other subdivisions prescribed in the International Sporting Code and Appendix D.

2.4. World Record – recognised by the FIA as the best result achieved irrespective of category, group or class prescribed in the International Sporting Code and Appendix D.

2.5. Records restricted to their own Class. A vehicle having established or beaten a Record in its own class may beat a World Record, but cannot beat the same Record in any other Class.

3. Vehicles Eligible to Establish Records. FIA World and International – see Appendix 1. National – see Appendix 2.

4. Times & Distances Recognised

4.1. International – refer to Appendix 3

4.2. National

Miles – Standing Start 1/4 – 1 – 5 – 10 – 50 – 100 – 200 – 500 – 1000 – 2000 – 5000 – 10000

Flying Start – 1/4 – 1 – 5 – 10

Kilometres – Standing Start – 500m 1 – 5 – 10 – 50 – 100 – 200 – 500 – 1000 – 2000 – 5000 – 10000

Flying Start – 500m – 1 – 5 – 10

Hours – Standing Start – 1 – 3 – 6 – 12 – 24

5. Record Attempts

5.1. All attempts shall be subject to the prescriptions of the FIA International Sporting Code, the MSA National Sporting Code and General Regulations in so far as they can be applied.

5.2. For all record attempts, reference should be made to FIA Appendix D.

5.3. An International or National record attempt or the

organisation of a group of record attempts is considered to be a sporting event. National attempts are considered to be a National event independent from the nationality of the competitors.

5.4. Records can be made on a track or road.

5.5. A successful attempt must represent an increase of 1% of the average speed of the current record. The Attempt Permit may be issued to the competitor attempting the record or a Registered Club. The successful competitor(s) will be the record holder subject to ratification by the MSA.

5.6. The competitor may not publish or have published, distribute or have distributed the result of an Attempt before ratification by the MSA, unless prior permission is given. The results may then be circulated and must include the statement "Subject to MSA Ratification" in clearly visible letters. The MSA have the right to reject or approve the proposed publicity.

6. Application for a Record Attempt

6.1. The Entrant or Organisation must submit a completed Application for Authorisation to the MSA's Speed Executive, at least 6 weeks prior to the date of the Attempt together with the appropriate fee.

6.1.1. An Organising Permit, otherwise known as Attempt Permit, is issued as the authorisation.

6.2. Mandatory declaration for authorisation:

6.2.1. Proof of landowners' permission.

6.2.2. Local Police Authorities to be informed.

6.2.3. Fully licensed Speed Event Rescue Unit and Crew Required.

6.2.4. For any venue or course without a valid track licence, a plan and surveyors report must be submitted. A valid track licence is required for all Attempts.

6.2.5. Liability for all MSA costs.

6.2.6. Liability for all Officials costs.

6.2.7. Any noise or environmental restrictions.

6.2.8. Necessary Insurance.

7. Officials

7.1. The MSA will appoint a Steward who will be responsible for the supervision of the Attempt, has the authority to stop, suspend or modify the programme; will maintain a detailed log of all stops and operations at a control station. After the Attempt, send to the MSA a detailed report and the relevant reports of the Timekeeper and the Scrutineer.

7.2. Other Officials as required to supervise operations at Control Stations and observation along the course.

7.3. The Entrant is responsible for nominating an Attempt Co-ordinator, and meeting the costs of, an MSA licensed Timekeeper, Eligibility Scrutineer and Rescue Unit, approved by the MSA Records Panel for Record Attempts.

7.3.1. An Attempt Co-ordinator may not necessarily be the Entrant, and is the person responsible for the co-ordination of the Attempt which includes the liaison with the Officials and represented organisations.

8. Licences

8.1. The competitor(s) must hold a valid International Competition Licence for an International Record Attempt; for a National Record Attempt an International or National 'A' (Open), National 'A' or a licence endorsed "Record Attempts Only".

9. Course

9.1. The course may be either a permanent or temporary track or a circuit and have a valid track licence relevant to the Attempt.

9.2. The course may be the open type with a control line at each end of the measure distance or of the closed type with a single control line.

9.3. A section of track covered without stopping, with reversal of the direction of running after crossing the control line at each end of a measured distance is a close course.

9.4. During an Attempt of up to 24 hours only the vehicle attempting the record, nominated Officials, Rescue and service vehicles are permitted to use the track.

9.5. For records up to 1 mile the course will be of the open type with a maximum gradient of 1%; for flying starts this will apply to the two extensions at the beginning and end of the measured distance event if they are not straight and are used as part of the course for the flying start. The measured distance must be covered in both; consecutive runs must not exceed 60 minutes. Should a competitor make an unsatisfactory start and providing the vehicle does not cross the control line a re-start is permitted.

9.6. For records up to 10 miles and 10 kilometres the course may be of the open or closed type.

9.6.1. Open Course – the measured distance must be covered in both directions and including the return run must not exceed 1 hour.

9.6.2. Closed Course – the car crossing the single control line lap after lap. The direction of running is free, as appropriate to the track licence.

9.7. For records over 10 miles and Time records the course must be of the closed type. The direction of running is free. For records over 5000km and 24 hours on a circuit where all curves are in the same direction, the direction of running may be reversed every 5000km by crossing the control line, turning back and passing over it again in the opposite direction without stopping.

10. Scrutineering

10.1. Prior to the start, the Scrutineer will verify that the vehicle conforms to the category, group and class, and the relevant vehicle regulations and safety requirements.

10.2. Using approved measuring instruments measure the cubic capacity of the engine. Alternately, affix approved seals to the relevant components for examination at the conclusion of the Attempt. Seals may only be broken by the person affixing the seal or with their written permission by a person designated by the MSA to make the examination.

10.3. The vehicle must remain under the control of the Scrutineer if transported to another place for verification.

10.4. At the end of the Attempt, the Scrutineer will make the final verification and give a written report to the MSA Steward.

11. Timekeeping

11.1. On an open course, time is recorded as the car crosses the start and finish lines in both directions with a break at the end of each run.

11.2. On a closed course times are recorded lap after lap as the car crosses the single start-finish line.

11.3. At the end of the Attempt, the Timekeeper will give to the MSA Steward, a written report, the original record of times and relevant calculations.

11.4. A Speed Timekeeper, of the appropriate grade, as nominated by the MSA is required.

12. Control Stations

12.1. Stations may be located along the course at designated areas.

12.2. Authorised stations:

12.2.1. Open Course – One next to the start line and finish line. The station near the start line will be the main station where any operation allowed will be carried out.

12.2.2. Closed Course – One next to the single control line.

12.2.3. Intermediate stations at a maximum interval of 5km (2.5km in the case of simultaneous attempts).

12.2.4. A car shall not be out of sight for more than one minute during its travel.

12.3. At all stations, the vehicle must be stationary with or without engine running. Pushing the vehicle within the limits of the station by the competitors' assistants is permitted.

12.4. Starting the engine by a push start is permitted or by its normal designated starting method.

12.5. If the vehicle stops during an Attempt, it may restart by its own means and continue.

12.6. Should the vehicle stop along the course, the driver may push the vehicle without any outside assistance to the nearest station for authorised replenishment or repairs to enable the vehicle to resume the Attempt.

13. Authorised Operations

13.1. Before the Attempt, except for replenishment materials, all spare parts, auxiliary materials and tools to be carried on the vehicle or held at a main station shall be listed with their total weight and given to the MSA Steward. Only the listed items are permitted to be used during the Attempt. Body panels, window glass and exhaust systems shall be considered as replenishment materials and need not be listed.

13.2. Competitors' assistants using the authorised spare parts, auxiliary materials and tools of the station may carry out operations at main and intermediate stations. The vehicle must be stationary during such operations.

13.3. The station may have tools, materials and equipment similar to that of a normal road service station.

13.4. All operations concerning refuelling, cleaning, tuning, fitting, replacement of wheels, tyres, sparking

(V) Records

plugs, injectors, electrical components, repairs and welding are authorised.

13.4.1. Welding of the fuel tank, its lines and attachments is prohibited at any station but may be permitted at a designated place purely for the repair and under the supervision of an appointed Official.

13.5. Replenishment materials are deemed to be – wheels, tyres, sparking plugs, injectors, electrical components, water, oil, fuel, hydraulic fluids, hoses, fastening devices and items normally found at a normal road service station. Coachwork, body panels, window glass and exhaust systems shall be considered as replenishment materials.

13.5.1. Replenishment is permitted at the intermediate stations.

13.6. Operations not permitted at stations, may only be made by the driver alone using the parts, tools and materials authorised for the Record Attempt.

13.6.1. Operations permitted outside of a station or along the course shall be those made by the driver alone using the parts, materials and tools authorised for the Attempt and without any outside assistance.

13.6.2. Spare parts, auxiliary materials, tools and ballast carried on the vehicle must be properly positioned and firmly secured.

14. Records Over 10 Miles and Time Records

14.1. Except for replenishment materials, all spare parts and auxiliary materials not carried by the vehicle shall be at the main station.

14.2. The equivalent total weight shall be carried by the vehicle as ballast; the safety roll-over bar shall be considered as ballast.

14.3. The total weight of the spare parts, auxiliary materials, tools and ballast carried by the vehicle shall not exceed 5% of the homologated or declared weight of the vehicle, plus 20kg. The weight of the replenishment material is free.

Appendix 1 – FIA World and International Records

Are available on the FIA website.

Appendix 2 – National Records

1. Vehicles Eligible to Establish Records

1.1. Special Vehicles: Vehicles on at least four wheels not aligned, which are propelled otherwise than through their wheels.

1.2. Special Automobiles: A land vehicle propelled by its own means, running on at least four wheels not aligned, which must always be in contact with the ground; the steering must be ensured by at least two of the wheels, and the propulsion by at least two of the wheels.

2. Groups, Classes & Cylinder Capacity

2.1. Group I: Reciprocating 2 or 4 stroke engine with forced induction

Group II: Reciprocating 2 or 4 stroke engine without forced induction

Group III: Diesel cycle engine with forced induction

Group IV: Diesel cycle engine without forced induction

Group V: Rotary engine with forced induction

Group VI: Rotary engine without forced induction

Group XV: Hydrogen reciprocating engine

2.2. Groups I & II combined – with or without forced induction.

Groups III and IV combined – with or without forced induction.

Class A	over 8000cc
Class B	over 5000cc up to 8000cc
Class C	over 3000cc up to 5000cc
Class D	over 2000cc up to 3000cc
Class E	over 1500cc up to 2000cc
Class F	over 1100cc up to 1500cc
Class G	over 750cc up to 1100cc
Class H	over 500cc up to 750cc
Class I	over 350cc up to 500cc
Class J	over 250cc up to 350cc
Class K	up to 250cc

2.3. Group VIII: Electric Engine

Class 1	unloaded weight up to 500kg
Class 2	over 500kg up to 1000kg
Class 3	over 1000kg

Common Regulations for Championships

Page

389	General
390	Car Racing Championship
391	Stage Rally Championships
391	Kart Racing Championships
393	Conditions for the issue of Car or Kart Racing, and Speed Event Championship Permits
394	Conditions for the issue of all other Championships

General

1.1. The MSA defines a Championship as “an event, or series of events, organised for the purpose of establishing the right to an individual or collective title. Such a competition may also be referred to by other titles, e.g. Challenge, Trophy or Series”, within the context of this section referred to as “Championship”. Where reference to “Series” is made, within this section, is defined in Q3.2.

1.1.1. Commercial Sponsorship is defined as “the provision of, or assistance in the provision of, awards by an organisation other than a recognised Club towards the result of a Championship. The donation of such awards, whether in cash or in kind, is given in consideration of the title or product name connected with the organisation being associated with the promotion of the Championship”.

1.1.2. The MSA may also designate as “Commercial” any Championship which it considers as being publicity oriented.

1.1.3. A competitor shall not take time off school to participate in motor sport without the prior written approval of their school.

1.1.4. A Championship must be submitted to the MSA by the co-ordinating organisation on the prescribed form and must be approved by the MSA by the issuing of a Permit.

1.1.4.1. A Permit and/or facility fee may be charged for such approval.

1.1.4.2. The MSA reserves the right to charge a Promoter’s Permit fee.

Note: Throughout these sections an asterisk(*) indicates a requirement for additional information to be printed in the Supplementary Regulations (SRs).

Text shown in Italics indicate a Regulation which may be amended in the SRs.

1.1.4.3. The organisation and control of a Championship or Series shall at all times rest with the Championship Permit holder, subject to these Regulations.

1.1.5. Exceptionally Championships for Autotests, any form of un-timed Trial, Navigational Rallies, 12 Car Rallies, Scatters and Internal Club Challenges (unspecified events on unspecified dates) which are confined to bona fide members of the organising club are exempt from registering with the MSA.

1.1.6. The right to a Championship or Series title resides with the body who originally registered that Championship or Series. However, where a Championship or Series was originally proposed by a commercial body, that body shall have the right to nominate or change the organisers of that Championship or Series, subject to the terms of their contract.

1.1.6.1. Championships bearing the title International, European, British, National or other titles which mean to convey the same impression are normally reserved for Championships promoted by, or on behalf of, the MSA. Organisations wishing to make application for such a Championship or to be associated with such a title, should seek separate approval from the MSA prior to application for a Permit.

1.1.6.2. Championships bearing the title British and including one or more qualifying rounds of International status events, where those rounds are also rounds of an FIA Championship, must submit their calendars by 31st May in the preceding calendar year for approval by the Motor Sports Council. Championships bearing the title British and comprising International events not being rounds of an FIA Championship and/or national events must submit their calendars by 31st August in the preceding calendar year for approval by the Motor Sports Council.

1.1.6.3. The MSA alone shall be entitled to authorise the broadcasting, transmission, audio/visual recording and moving picture rights of any MSA Championship event. Prior to any such event the organising club will arrange for the consent of the landowner to be given in order that the MSA may authorise such broadcasting, transmission or audio/visual recordings to take place. For all events held on Forestry Commission land special arrangements exist with the MSA. Further details of these arrangements are available from the MSA.

1.1.6.4. To accrue points or any other form of recognition towards an award or title any organisation, team, company, sponsor or person must be in possession of a valid Entrant’s Licence.

1.1.7. The registration of a Championship or Series for a specific class of vehicle does not give the Organiser the right to prevent other Championships or Series for that class of vehicle (subject to the authority of the MSA).

1.1.7.1. Championship and Series Organisers may specify in their Regulations procedures for the gathering of on-board data logging information.

(W) Championships

1.1.8. Where a Championship Permit has been issued, Championship Sporting and Technical Regulations may not be amended after publication unless the MSA and all competitors registered for the Championship agree in writing to the alteration. Such amendments must be circulated to all Registered Competitors, Championship Stewards, Eligibility Scrutineer, Clubs organising Rounds of the Championship and to the MSA.

1.1.8.1. Championships exempt from registering with the MSA do not need to comply with 1.1.8. above (1.1.5.).

Championship Grades

1.2. There are four grades of Championship recognised by the MSA. Relevant fees are contained within Part 3, Appendix 1.

- A British Championships approved by MSA
- B Principal Commercial Championships
- C Sponsored (and/or Commercial) Championships
- D Un-sponsored (non-Commercial) Championships.

Car Racing Championship

1.3. All Car Racing Championship Permit or Series Registration applications must be submitted by a recognised lead Club – no related discussion between the MSA and an applicant will be entered into without the express agreement of the lead club. Normally only Clubs which have been recognised by the MSA for more than two years are permitted to apply for a Championship Permit. The deadlines for Car Racing Championship applications are as follows:

1st July

1.3.1. Date by which a Notice of Intent to run or continue to run a racing Championship in the following year must be registered with the MSA. For existing Championships, a list of the number of starters at each round held in the year previous to the year of application must also be submitted. Any Notice of Intent received after 1st July will only be considered by the Motor Racing Championship Control Panel in exceptional circumstances, and will be subject to a late submission fee of 100% of the Championship Permit fee. Any Notice of Intent received on or after 1st January will be refused. Any major changes in a Championship must be notified to the MSA with the Notice of Intent. The Motor Racing Championship Control Panel will discuss and may recommend outline consent for those Championships submitted and may delegate to a Working Group any unresolved queries.

1.3.1.1. Any new Championship or any fundamental change to an existing Championship (such as a new class or classes), conflicting with an existing registered Championship will need to demonstrate to the Motor Racing Championship Control Panel that inclusion of the Championship (or any fundamental change to an existing Championship, as the case may be) will not detrimentally affect the safe, fair or orderly conduct of motor sport.

1.3.1.2. Any applicant dissatisfied with a decision of the

Motor Racing Championship Control Panel shall be entitled to request a review, of the decision to be undertaken by the Chairman of the MSC National Court or, in the event that he is not available, someone nominated by him and his decision shall be final. Such a request must be received, by the MSA, within 14 days of written notification of the Control Panels decision, together with the appropriate fee.

1.3.1.3. In respect of all proposed new Grade 'A' and 'B' Race Championship applications a Notice of Intent must be submitted. Any new Championship must have guaranteed support for a minimum of three years.

If the Motor Racing Championship Control Panel agrees, in principle, with the application then the MSA will require a Commitment Deposit to be paid.

1.3.1.4. Any Club whose Championship has either ceased to run or has failed to commence will be required to submit a complete new application if approval is sought in any subsequent years.

1.3.1.5. To maintain Championship status, the average number of starters during the previous year in a Grade A, B, C or D Championship should be 18.

1.3.1.6. Provision has been made for a Venue Specific Championship which does not meet this minimum and this dispensation will be reviewed on an annual basis. It is agreed that a Venue based Championship may visit once during the season an alternate venue, and that the Championship Number be suffixed with a "V" to differentiate these Championships.

1.3.1.7. In respect of all proposed new C or D Race Championship applications a Notice of Intent must be submitted. Where the Championship has not previously been run as a series of stand alone races during the previous year, the MSA will require a Commitment Deposit to be paid to demonstrate competitor support and justify Championship Status.

1.3.1.8. Any mixed discipline Championship in which more than three events are Car Races will also be required to submit a Car Racing Championship Permit Application.

1.3.2. Points Scoring

Unless the particular Championship Regulations specify differently, all Commercial Car Racing Championships must utilise the points system as detailed in paragraph (a) or (b) below. Alternative systems of allocation that are approved must be clearly indicated in the particular Championship Regulations.

- (a) Championships without Classes: points will be awarded at
20 – 15 – 12 – 10 – 8 – 6 – 4 – 3 – 2 – 1.

An additional 2 points will be awarded to each competitor achieving or equalling the race fastest lap, where the race is timed.

- (b) Championships with Classes: points will be awarded in each class as follows:

4 or more eligible starters in the class:

1st – 4; 2nd – 3; 3rd – 2; 4th – 1.

3 eligible starters in the class:

1st – 3; 2nd – 2; 3rd – 1.

2 eligible starters in the class:

1st – 2; 2nd – 1.

1 eligible starter in the class: 1st – 1.

One additional point will be awarded to each

competitor achieving or equalling the race fastest lap in each class, where the race is timed.

Points should be awarded on the basis of the final results of each event.

1.3.3. Maximum Scores

Unless the particular Championship regulations specify differently, a competitor's final total of points that he may count toward his position in the Championship will be calculated as follows:

- (a) Where there are up to 10 rounds organised in the Championship, a competitor shall count his results in the total number of events run less one.
- (b) Where there are between 11 and 15 rounds organised in the Championship, a competitor shall count his results in the total number of events run less two.
- (c) Where there are over 15 rounds organised in the Championship, a competitor shall count his results in the total number of events run less three.
- (d) Points scored by a driver in different classes within a Championship will be totalled separately towards his final placing. However, a change of car within a class will not affect a driver's points total.

1.3.4. Resolving Ties

Unless the particular Championship Regulations specify differently, ties will be resolved in the following order:

- (a) By considering in the best scoring events of the competitors concerned, the number of first places or class wins.
- (b) By considering the number of class or outright second places where there are no classes, and so on in the best scoring events.
- (c) By considering the placings in all Championship events.

1.3.5. Competitors may be required to register for a Championship prior to the first event in which they wish to gain points.

1.3.6. Competitors may be required to carry advertising as supplied to publicise the Championship in accordance with H.29.1.2 in order to qualify for points and prize money.

1.3.7. Organisers retain the sole right to select or accept entries for any event and the MSA or Championship organisers cannot therefore be responsible for the refusal of an entry (Subject to H.30.1.3(b)). It is recommended that the following priorities be adopted when making selection from all entries received by the closing date:

First Point scorers in the Championship.

Second Registered competitors who have taken part in previous rounds of the Championship.

Third Registered competitors competing for the first time in the Championship.

1st December

1.3.8. Date by which formal application for a racing Championship previously notified should be submitted. The application may be submitted leaving blank those items where insufficient information is available.

1st February

1.3.9. Date for final details to be received. A surcharge of 50% will be incurred (minimum of £100, or £50 for Club Championships). No applications will be accepted after this date and outstanding applications will lapse.

Stage Rally Championships

1.4. Normally only Clubs or Associations which have been recognised by the MSA for more than two years are permitted to apply for Championship registration or a Championship Permit. Once a Club or Association has registered a Championship, or has been issued a Permit, it takes responsibility for controlling all Sporting, Technical, Financial and Calendar matters and must guarantee prize money as published.

1.4.1. Proposals to alter any of the Sporting or Technical Regulations for the Championship after registration or the issue of a Permit must be notified to the MSA for approval before publicity and must comply with D.11.

1.4.2. A copy of the Championship registration or Permit and a copy of the Championship Regulations must be lodged with all Clubs organising a qualifying round. The Stage Rally Championship Control Panel reserves the right to classify any Championship as 'Commercial', when a sliding scale of charges may apply. Failure by any Club or Association to comply with all Championship Regulations may result in the cancellation of the Championship.

The deadlines for Stage Rally Championship applications are as follows:

1st September

1.4.3. Date by which International, National and Club Championships must give Notice of Intent to run, or continue to run, a Stage Rally Championship in the following year. Any major changes which may conflict with other Championships must be notified to the MSA with Notice of Intent. For existing Championships, the number of starters at each round held in the current year's Championship prior to application must be submitted with the Notice of Intent.

Any Notice of Intent received after 1st September will only be considered by the Stage Rally Championship Control Panel in exceptional circumstances. Their decision will be final. The Stage Rally Championship Control Panel will discuss and may recommend outline consent for those applications submitted.

31st December

1.4.4. Date by which final details must be submitted. All Association Rally Championship applications must be submitted in detail by 31st December.

Kart Racing Championships

1.5. There will be four types of Short Circuit Non Gearbox Championships:

1. British & National Championships (1.5.6)
2. Regional Championships (1.5.7)
3. Championships held within a standard Club meeting (1.5.8)
4. Closed to Club Championships (1.5.9).

(W) Championships

General

1.5.1. All Kart Race Championship applications must be submitted by a recognised lead Club, no related discussion between the MSA and any third party will be entered into without the agreement of the lead club. Only Clubs or Associations which have been recognised by the MSA for more than two years are permitted to apply for a Championship Permit. Once a Club or Association has registered a Championship, or has been granted a Permit, it takes responsibility for controlling all Sporting, Technical, Financial and Calendar matters and must guarantee prize money as published.

1.5.2. Proposals to alter any of the Sporting or Technical Regulations for the Championship after registration or the issue of a Permit must be notified to the MSA for approval before publicity and must comply with D.11.

1.5.3. A copy of the Championship registration or Permit and a copy of the Championship Regulations must be lodged with all Clubs organising a qualifying round. The Kart Championship Control Panel reserves the right to classify any Championship as 'Commercial', when a sliding scale of charges may apply. Failure by a club or association to comply with all Championship Regulations may result in the cancellation of the Championship.

The deadlines for Kart Racing Championship Applications are as follows:

1st September

1.5.4. Date by which Notice of Intent to run or continue to run a Kart Championship in the following year should be registered with the MSA.

1.5.4.1. Any major changes in a Championship must be notified to the MSA with the Notice of Intent.

1.5.4.2. For existing Championships, a list of the number of starters at each round held in the year previous to the year of application must also be submitted.

1.5.4.3. The average number of starters during the previous year in a Grade A or B Championship should be at least 15 and for a Grade C or D Championship should be at least 10.

1.5.4.4. A Yellow Card will be issued to a Championship, which has been unable to meet the average number of starters, as set out in 1.5.4.3., during the previous year. If in the following year the average number of starters continues not to satisfy 1.5.4.3. then the Championship may be refused.

1.5.4.5. Any new manufacturer backed Championship must have guaranteed manufacturer support to the satisfaction of the MSA for a minimum of three years. Any other new Championship will ideally have run as a series of standalone races during the previous year, to demonstrate competitor support and justify Championship Status.

1.5.4.6. Any Notice of Intent received after 1st September will only be considered by the Kart Racing Championship Control Panel in exceptional circumstances. Their decision as to whether to consider or not will be final. The Kart Racing Championship Control Panel will discuss and may recommend outline consent for those Championships submitted and may delegate to a Working Group any unresolved queries.

28th February or six weeks before the first round whichever is the sooner

1.5.5. Date by which formal application for a kart racing Championship previously notified must be submitted.

British & National Kart Championships

1.5.6. To qualify as a British or National Kart Championship the Championship Class must be run in a minimum of three different Regions. Only the designated Core classes will be permitted to be included in a National Championship.

1.5.6.1. Only the MSA may designate the British and National Championship promoter(s) as in its sole discretion it considers appropriate.

1.5.6.2. British and any National Championships will consist of a maximum of seven meetings.

1.5.6.3. The MSA reserves the right to request pre-qualifiers as appropriate.

1.5.6.4. The current British or National Championship Class top 5 will automatically qualify but only for that specific class and subject to all other criteria being met.

Unless the MSA has given prior written authorisation the following regulations apply to Regional Kart Championship, Kart Championships held within a standard Club Meeting and Kart Club Championship.

Regional Kart Championship

1.5.7. To qualify as a Regional Kart Championship the Class must be run by a minimum of two Clubs and rounds must be held at a minimum of two and no more than five Clubs/venues within that Region.

1.5.7.1. There must be no rounds outside the Region.

1.5.7.2. Unless the MSA has given prior written authorisation these championship events may only be held as part of a club meeting.

Kart Championships held within a standard Club Meeting

1.5.8. There are no restrictions to the number of rounds that may be held for these types of championships provided that they are part of a normal club meeting.

1.5.8.1. The number of additional classes represented may not exceed 40% of the number of classes present at the club meeting.

1.5.8.2. The Event organiser may require Championship drivers to fully integrate with the Club meeting and they will then compete alongside the club racer. In this circumstance no separate races are to be run for classes already run by the host club.

Kart Club Championship

1.5.9. Unless the MSA has given prior written authorisation rounds of a Kart Club Championship may not be held at more than one venue.

1.5.9.1. There are no restrictions on the number of qualifying rounds for a Kart Club Championship.

Conditions for the issue of Car or Kart Racing, and Speed Event Championship Permits

2.1. Deleted.

2.1.1. Written agreement from all Clubs organising a qualifying round, and from the owners of licenced tracks to be used, must be held by the Championship Organisers.

2.1.2. The issue of a Championship Permit in addition to an Event Permit requires that the organising Club, sponsors and track owners are covered for Third Party Legal Liability not exceeding £30 million for any one incident. This cover does not include Product Liability Risk.

2.1.3. Deleted.

2.1.4. Advance publicity may only be issued prior to the granting of a Permit for a New Championship following the granting of outline approval with prior written MSA approval of that publicity. The Championship must be referred to at all times by its correct and approved title and the Permit number must be included in any published Championship Regulations.

2.1.5. A copy of the approved Championship Permit and Regulations must be lodged with all Clubs organising qualifying rounds. FIA approval may be required for certain Championship rounds going outside the UK (except for the Republic of Ireland).

2.1.6. The MSA reserves the right to impose conditions on the status, dates and promotion of Championships and information must be supplied on the following before a Permit is issued:

- (a) The proposed title
- (b) The value of the awards, including bonuses
- (c) The method of scoring
- (d) The method of resolving ties
- (e) The eligibility of Competitors and vehicles
- (f) The status, dates, promoting Clubs, tracks or courses for the qualifying rounds
- (g) Whether or not the Championship has been run in the past
- (h) The number of Competitors in the past.

2.1.7. An Organiser granted a Championship Permit takes responsibility for controlling all sporting, technical, financial and calendar matters and must provide and guarantee all prize money, awards and bonuses as stated on the application. Failure by an Organiser to comply with all Championship regulations could render cancellation of the Championship and could affect future applications.

2.1.8. Championship Points may only be issued by the Championship Permit Holder.

2.1.9. The Sporting and Technical Regulations for all Championships must be produced to the standard format approved by the MSA, and must be submitted with the Championship application. Upon issue of a Championship Permit, a set of Championship Regulations as issued to Competitors must be forwarded to the Kart, Race and Speed Executive at the MSA. These Regulations must be signed and dated

by the Championship Co-ordinator and bear the wording, in red ink, "PUBLISHED COPY".

2.1.10. All applications for one-make Race Championships, other than any Championship for vehicles with Governmental Type Approval, must include full and detailed chassis/bodywork drawings and specifications.

2.1.11. All Championships approved by the MSA, must comply with the Permit application requirements as detailed. Competitors should ensure that their cars comply with the MSA Approved Formula Regulations for the class or the specific Championship Technical Regulations.

Officials

2.2. A Championship Co-ordinator, Championship Stewards (minimum three) and an Eligibility Scrutineer must be nominated on the Application Form by the Organisers and there may be no duplication of duties. None may be Competitors in the Championship, prepare entries for the Championship or be sponsors of Competitors in the Championship.

2.2.1. The Championship Stewards can only adjudicate upon any disputes, irregularities or appeals arising from the approved Championship Regulations. They are also empowered to consider any request from the Championship Co-ordinator to penalise any Competitor for breach of Championship Regulations and, after holding a formal hearing, to impose a penalty in accordance with C.2.1, subject to the rights of appeal to the MSC provided in Section C.

2.2.2. The Championship Co-ordinator is responsible for liaison with the Championship Stewards and between the Championship Organiser, the Event Organisers and Competitors and the distribution of relevant information. The Co-ordinator should, when present at events, sign on and remain present at the venue until the event has concluded. The Co-ordinator may not impose any penalties or sanctions on a Competitor, but may request the Stewards to hold a hearing into any alleged breach of Regulations. The Co-ordinator does not have the power to make decisions on Sporting or Technical Regulations applicable to the Championship, nor to issue Bulletins, Newsletters or results without the approval of the Championship Organiser. Other than the Clerk of the Course and the Championship Stewards, no other person has any powers or responsibilities within Approved Championship Regulations.

2.2.3. The Eligibility Scrutineer must be MSA-licenced and specifically approved by the MSA and the Technical Commission for this purpose. The Eligibility Scrutineer should, when present at events, sign on and remain at the circuit until the Official results are published. Any eligibility checks on vehicles must be carried out in full co-operation with the Club organising the event. The Clerk of the Course must be informed of the intention to, and results of, any eligibility checks.

2.2.4. Where Championships require the appointment of a Technical Commissioner to enforce eligibility standards, written application must be made to the MSA. Justification is required and a charge will be made additional to the Permit fee for this facility. All expenses are the responsibility of the

(W) Championships

Championship Organiser and must be agreed between the Technical Commissioner and the Championship Organiser.

2.2.5. A representative of any sponsor or promoter of an event, Championship, or Series, may not take an active part in the organisation of the competitive or technical side of that event, if any competitor in the event is entered or sponsored by the individual or firm concerned.

2.2.6. To be eligible to be named a permanent Clerk of the Course for a Race Championship, registered with

the MSA, the Clerk must be the holder of a current Clerk of the Course National 'A' licence, as a minimum.

Conditions for the issue of all other Championships

3. The conditions for the issue of all championships other than Race, Kart and Speed (2) are detailed in the Sections B, C, D, G and I – 1-2. Additionally for Stage Rally Championships at 1.4.

PUBLICATIONS, TECHNICAL PAPERS & CLUB EQUIPMENT



Subject to their availability the products and their prices listed below are correct at the time of going to press, but may be changed without further notice.

PUBLICATIONS (VAT zero rated)

MSA Yearbook	£31.00
MSA Kart Race Yearbook	£15.00
MSA Motor Club Manual	£35.00
Motor Vehicles (Competition & Trials) Regulations 1969/74/76	£15.00

CLUB EQUIPMENT (VAT standard rated incl.)

Club Membership cards	.200 for £23.00
Signing-On Sheets – Competitors/Officials	.FOC available on website
Signing-On Sheets – Media	.FOC available on website
"Prohibited Area" rigid PVC warning signs	.per pack of 5 £52.00
"Motor Sports Can Be Dangerous" rigid PVC warning sign	.per pack of 5 £52.00

TECHNICAL PAPERS (VAT zero rated, except † = standard rate)

MSA Rollage Certificate – Official Copy	.£each £25.00
MSA Historic Rally Vehicle Identity Form Registration	.££86.00
MSA Competition Car Log Book (payable to Inspecting Scrutineer)	.££39.00
MSA Homologation Fiche (Kart)	.£each £22.00
FIA Historic Technical Passport Application (excluding Registration Fee)	.£each £340.00
FIA Current Homologation Papers for any UK car	.£each £66.00
FIA Current Homologation – Extension of any UK car	.£each £42.00
FIA Homologation Papers for any non UK car	.£each £66.00
FIA Current Homologation – Extension for any non UK car	.£each £42.00
FIA Lapsed Homologation Papers for any UK car	.£each £42.00
FIA Lapsed for any non UK car	.£each £42.00

† Overseas orders are subject to an additional delivery charge

**For the above items, please address order(s) to:
Sales Dept, Motor Sports Association, Colnbrook SL3 0HG**

Purchase on-line from www.msauk.org

Part 3:

Appendices

Competition Fees – Appendix 1

The MSA fees structure is designed to support motorsport at all levels. Current licence and other fee levels are given below.

1

Competition Licence Fees

All fees except where otherwise stated are shown 'VAT inclusive' and may be subject to change in the event of the VAT rate being altered.

Race

International A	£1,025.00
International B	£370.00
International C	£190.00
International D	£190.00
International Historic	£190.00
International Truck	£190.00
National Truck	£90.00
National A	£90.00
National B	£60.00

Speed

International	£190.00
National A (Open)	£90.00
National A	£86.00

Drag

International	£190.00
National A	£86.00

Cross Country

International	£190.00
National A	£86.00

Rally

International	£190.00
International Historic	£190.00
Stage National A	£90.00
Stage National B	£57.00
National – Non Driver	£57.00

Non-Race

National B	£43.00
Clubman	£27.00

Kart

International A	£190.00
International B	£164.00
International C	£115.00
National A	£52.00
National B	£36.00
Clubman	£36.00
Clubman (Bambino)	£36.00

Entrant

International FIA Open Valid for UK & Overseas	£5,370.00
International (Non-FIA Championship/ Series)	£2,685.00
International Restricted Valid for UK only	£620.00
National Valid for UK National events only	£190.00
Kart International Valid for UK & Overseas	£190.00
Kart Valid for UK	£133.00
Club Entrant Valid UK & National Events only	£45.00
Duplicate (Inc. Club)	£45.00
Entrant PG	£18.00

Other

Failure to produce Licence (H.22.1.2)	£67.00
Express Handling H.8.1	
– 3 day express service	£55.00
– 3 hour service by appointment only	£100.00
Replacement of Licence or change of address	£27.00
Upgrading of Licence*	£32.00
Replacement of Entrant Licence	£44.00
Professional Status Exemption Certificate	£54.00
Replacement Professional Certificate	£32.00

*This fee is to be paid in addition to the difference between the cost of the existing licence and the new licence.

When two or more Competition Licences for one person are applied for at the same time, the total fee will be that of the most expensive licence, plus half the cost of the other Licence(s). These reductions will not apply to Entrant Licences. Licences once issued may not be returned for refund.

2

Officials Licences

Clerk of Course

Car International*	£32.00
Kart International*	£32.00
Rally International*	£32.00
Car, Kart, Rally & Other – National A	£32.00
Car, Kart & Other – National B & under	FOC
Driving Standard Observer	FOC
Probationary	FOC
* plus FIA or CIK Yearbook at cost.	

Scrutineers & Technical Commissioner

Scrutineer & Technical Commissioner	£32.00
Scrutineer – Trainee	FOC

Timekeepers

Timekeeper – All	£32.00
Timekeeper – Trainee	FOC

Driver Instructors

ARDS – All Grades	£33.00
ARKS – All Grades	£59.00
AHASS – All Grades	£59.00
BARS – All Grades	£59.00
ARKS Examiner – All Grades	FOC

All other Registered Officials

All other registered officials	FOC
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Appendix 1 – Competition Fees

3

Fees for Appointment of MSA Officials

MSA Steward

For meetings requiring an overnight stay for the MSA Steward, a contribution per night will be made for travel, accommodation and out of pocket expenses of £228 (£190 + vat).
MSA Observer, per 24-hour period £228.00

Others – per day

MSA Technical Commissioner	£277.00
MSA Environmental Inspector [B 62]	£277.00

These are set fees charged to the organising club. MSA nominated officials will claim their out of pocket expenses direct from the MSA.

4

Event – Permit Fees

A fee will be charged for all events (including practice/ training events) for which a permit is issued. This permit fee will be calculated on the number of competitors signing-on (per capita) or a flat rate for the event, as detailed.

Team/Endurance races where two or more drivers share the driving of one vehicle entered, only one per capita fee is required per vehicle.

4.1. Per Capita – Car

Non Race – Clubman	£2.90
Non Race – National B	£3.50
Non Race – National A	£3.80
Non Race – International + FIA Fee	£13.95

Race – Clubman	£3.80
Race – National B	£3.85
Race – National A	£4.35
Endurance Clubman	£4.20
Endurance National B	£4.25
Endurance National A	£4.80
Race – International – 1 day + FIA Calendar Inscription Fee	£33.10
Race – International – 2 day + FIA Calendar Inscription Fee	£36.50
Race – International – 3 day + FIA Calendar Inscription Fee	£40.15
International Endurance – 1 day + FIA Calendar Inscription Fee	£36.50
International Endurance – 2 day + FIA Calendar Inscription Fee	£40.15

4.2. Per Capita – Kart

Karting for Schools	£0.80
Endurance	£6.00
Clubman/Formula 6	£2.20
National B	£2.85
National A	£3.20
International + FIA Calendar Inscription Fee	£6.50

4.3. Per Capita – Autotest, Trials, Cross Country

Clubman	£2.85
Non Race – National B	£3.30
Non Race – National A	£3.60

4.4. Flat Rate Car Events – Special

FIA World Championship Events	£10,000.00
12 Car Rally or Navigational Scatter [D4.5(a) & (b)]	£23.00
Certificate of Exemption Events [D5]	£23.00

5

Event – Per Capita Insurance

The indemnity limit of the event public liability policy is £65 million, any one accident or incident. An insurance fee will be charged for all events (including practice/ training events) for which a permit is issued. This fee will be calculated on the number of competitors signing-on (per capita) or a flat rate for the event, as detailed below. The fee will be applied towards the MSA's costs of the Insurance policy, including any insurance premium amount, Insurance Premium Tax and any other applicable taxes, and administrative costs. Any surplus arising from the insurance fees charged to organising clubs, after insurance, tax, administrative, and any other costs have been met, may be used by the MSA for the benefit of the organising clubs from time to time, including the establishment of an appropriate self-insurance scheme.

5.1. Autotests – (Section M)

Clubmans – Production Car	£1.30
Clubmans	£2.90
National A & B	£4.50

5.2. Rallycross & Autocross – (Section N)

Clubmans	£12.80
National A & B	£16.35
International 1 day	£20.65
International 2 day	£24.85
International 3 day	£29.80

5.3. Cross Country – (Section P)

Hill Rallies – up to & including National A	£15.40
Orienteering – up to & including National A	£4.50
Point to Point – up to & including National A	£4.50
Safaris – up to & including National A	£4.50
Team Recovery – up to and including National A	£4.50
Timed Trial – Clubmans	£4.50
Timed Trial – National A & B	£4.50
Trials + Tyros – Clubmans	£1.40
Trials + Tyro – National A & B	£3.55
Gymkhana, Promotional, Treasure Hunt	£1.40

5.4. Racing – (Section Q)

Clubmans including Truck Race	£17.00
Clubmans including Truck Race – in Europe	£25.55

National B including Truck Race	£19.85
National A including Truck Race	£22.70
National A & B including Truck Race – in Europe	£29.80
Endurance Clubman	£20.40
Endurance National B	£23.85
Endurance National A	£27.25

International 1 day – Car	£27.05
International 2 day – Car	£29.80
International 3 day – Car	£32.60
International 1 day – Truck	£34.05
International 2 day – Truck	£38.30
International 3 day – Truck	£42.65

Competition Fees – Appendix 1

Training Race Events

A Training Race is a private race event organised and held in the UK for the purpose of a Racing School providing training and experience to its registered pupils in driving under racing conditions and to which the general public are not admitted, nor any charge made to anyone other than such pupils. £10.25

5.5. Rallies – (Section R)

Road

Road – up to and including National B (including Navigation & Road Historic) £4.50
Road Timed (to less than a minute) up to and including National B £16.65

Special Stages

National A status and below up to 45 stage miles £42.65
International – up to 45 stage miles £46.90
National A status and below – 45 stage miles and over £66.80
International – 45 stage miles and over £72.45

Single Venue Stage Rally

Clubmans £63.95
National A & B £68.20
International £73.85
Rally Time Trials Clubmans, National A & B £21.35

5.6. Speed – (Section S)

Clubmans £13.55
National A & B £16.90
International 1 day £20.65
International 2 day £24.85
International 3 day £29.80
International 4 day £35.75

5.7. Trials – (Section T)

Clubmans £1.40
National A & B £3.55

5.8. Karting including Endurance – (Section U)

Karting for Schools £1.60
Formula 6 £4.80
Clubmans £4.80
National A & B £5.55
International £5.65

6

Event – Other

Late Permit application fee (D.4.1.2) £29.00
Late payment fee per week or part thereof £7.00

Note: Per Capita and other payments together with all required documentation must be sent to the MSA within 14 days after each event (D.26.4). Failure to do so may, in addition to the late payment fee, invoke penalties as set out in D.4.1.2.

7

Championship Permits

Grade A – British Championship – Commercial £8,000.00
Grade B – Principal Commercial Championship £4,000.00
Grade C – Commercial – Sponsored £500.00
Un-sponsored £150.00
Grade D – Un-sponsored/Non-Commercial Championships £52.00
Race Series Registration Fees £22.00
Commitment Deposit (Race) – Grade A & B Championships £25,000.00
Grade C & D Championships £5,000.00

8

Facility Fee – Record Attempts and Other Events

8.1. Record Attempts

National Record Attempt Authorisation, per competitor per class (includes Ratification Fees for up to 3 records) £2,500.00
Ratification Fee for each record claimed over 3 £500.00

Attempts at International Records must be notified to the MSA (as agents of the FIA) at least 6 weeks prior to the attempt.

MSA Fee £5,000.00
MSA direct expenses will be invoiced at cost.

Separate fees are payable in advance, through the MSA to the FIA. These fees will be advised on request.

8.2. Other Miscellaneous Events

Facility fee for the authorisation of events which fall outside these Regulations by negotiation

In addition to the fees above the promoter is responsible for all payments in respect of all the MSA appointed officials and other services.

9

Annual Registration of Recognised Club, Association

Car Clubs £72.00
Car & Kart Club £115.00
Recognised Groups £72.00
Marshals' Club (including Rescue) FOC
Regional Associations FOC
Approved Organisation FOC
MSA Registered Schools £647.00
Appeal to National Court for unsuccessful Club Recognition £420.00

10

Annual Calendar

Late application of change of date (D.3.2) £9.20
Cancellation (D.3.2.1) £7.30

Appendix 1 – Competition Fees

11 Track Licences

11.1. Track Licence – Car

Race International + FIA fee	£6,290.00
Race National A	£3,160.00
Race upgrade for Trucks	£3,160.00
Speed International + FIA fee	£975.00
Speed National A	£810.00
Speed National B	£575.00
Speed Clubman	£575.00

11.2. Track Licence – Kart

International + CIK/FIA fee	£825.00
National A	£790.00
National B	£580.00

Note: Half the licence fee will be charged for circuits or courses where not more than one meeting is organised per annum. Except International Track where the full licence fee applies.

Track licence fees now incorporate all inspection costs.

12 New Venues

Assessment Plans	£700.00
Final Inspection prior to issue of the first MSA track licence	£8,050.00
Final Inspection prior to issue of the first MSA track licence	£2,390.00

13 Judicial

VAT is not payable on Protest Fees, Appeal Fees or Fines.

13.1. Protest Fees at Events

Cheques made payable to 'The Motor Sports Association'

i) below National A without MSA Steward	£52.00
ii) below National A with MSA Steward	£115.00
iii) National A – Non Car & Truck Race	£230.00
iv) National A – Car & Truck Race	£355.00
v) International – Non Car & Truck Race	£355.00
vi) International – Car & Truck Race	£580.00

13.2. Appeal Fees at Events (excluding Eligibility Appeals)

Cheques made payable to 'The Motor Sports Association'

a) to Stewards of Meeting with no MSA Steward	£105.00
b) to Stewards of Meeting at any other event below National A	£230.00
c) to Stewards of Meeting National A – non Car & Truck Race	£435.00
d) to Stewards of Meeting at all events not listed above	£670.00

13.3. Appeal Fees at Championships

Cheques made payable to 'The Motor Sports Association'

to Championship Stewards (C.6.5)	£432.00
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13.4. Appeal Fees to the National Court (including Eligibility Appeals)

Cheques made payable to 'The Motor Sports Association'

i) Further Appeal to the MSA in respect of events 13.2(a)	£225.00
ii) Further Appeal to the MSC in respect of events 13.2(b) & (c)	£440.00
iii) Further Appeal to the MSC in respect of events 13.2(d) (excluding International)	£670.00
iv) International – Car, Truck and Race	£1,215.00
v) Appeal against licence suspension (C.2.1.8)	£435.00
vi) Appeal for remission of sentence (C.2.12)	£435.00
vii) Appeal to an Eligibility Appeal Panel (C.7.2)	£435.00
viii) Appeal against the decision of Championship Stewards (13.3)	£435.00
ix) Appeal to National Court for unsuccessful Club Recognition	£420.00

13.5. Arbitration Fee – non returnable

Cheques made payable to 'The Motor Sports Association' Request

for Arbitration	£850.00
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13.6. Fines (Maximum unless otherwise stated)

Cheques made payable to 'The Motor Sports Association'

i) Failure to attend Drivers Briefing (G.5.3.8)	£175.00
ii) Contravention of Regulation H.32.2.1	£175.00
iii) Contravention of Regulation C.3.4	£180.00
iv) *Event where there is no MSA Steward	£180.00
v) *Event where there is an MSA Steward – International	£8,600.00
vi) *Event where there is an MSA Steward – all other	£890.00
vii) *Tribunal	£51,630.00

* or = to the top cash and/or Ad Valorem award at event whichever be higher.

14 FIA Fees

The MSA acts as the applicant's agent when dealing with the FIA in respect of Calendar Inscription and Track Licence fees which will be converted at the prevailing exchange rate to which a Service Charge, no less than 30%, will be added and invoiced accordingly.

15 Invoice Payment Terms

In the absence of any prior agreement, invoices submitted by the MSA are to be settled no later than 30 days after the invoice date. Failure to do so may attract an interest charge equivalent to 4% above the Bank of England base rate, compounded on a daily basis.

Common Regulations for

Insurance and Motor Competitions

Appendix 2

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Introduction

1. The MSA effects Master Insurance Policies only in respect of public liability and personal accident risks and this cover applies to all events held under permit or for which an exemption for permit is granted. The policies are arranged through Jardine Lloyd Thompson Limited, 6 Crutched Friars, London EC3N 2PH. Tel: 0845 618 9646.

The following notes are in respect of each of the insured policies. Information is provided on the scope of cover and its application and an Action Plan explaining how to establish the correct cover and the claims procedure to be followed.

Public Liability – Information

2. Any person injuring another or damaging another's property as a result of acting negligently may have an action for compensation brought against them. It is for this reason that the MSA has arranged public liability insurance to protect clubs organising events against this potential legal liability. Insurers cannot cover events of whose existence they do not know and for the policies to be effective a club must obtain an appropriate permit or exemption from the MSA and organise the event in accordance with MSA requirements.

Scope of Cover

3. The policy is arranged to provide indemnity to the level £65,000,000 for any one accident. This is the limit of the Insurer's obligation no matter how many people are injured or how much property damage is done as a result of a single incident or accident. In respect of pollution/contamination claims the limit of the Insurer's liability is £65,000,000 in the aggregate and cover is restricted to sudden, unintended and unexpected pollution.

The costs of defending Clubs against allegations likely to be the subject of indemnity under the policy are also met by Insurers. They will of course take over the control and conduct of that defence.

The first £350 of any claim for damage to property will be the responsibility of the club and this deductible amount is payable in respect of each and every accident which gives rise to a claim. Where prior experience indicates that a heavy claims exposure exists the deductible amount may be increased, but not without prior notification to the club concerned.

Who is Protected?

4. The Master Policy protects an organising or promoting club and its officials for their potential legal liability to third parties injured or whose property is damaged following an accident arising from the holding of an event. This term includes official practice and associated activities necessary to an event (such as setting up a course for a speed or rally event). The cover additionally protects officials (not necessarily officials of an organising club), or sponsors of an event or of races or championships, within the event. Competitors and Venue landowners are also covered but not one competitor claiming against another competitor.

What is Protected?

5. Events arranged by Clubs held under an MSA Permit or Certificate of Exemption.

Marshals' training days are covered subject to prior notification being made to and approval given by the MSA.

Approval may be given for the demonstration of vehicles subject to a specific application being made to and specific written approval being given by the MSA.

What is not Protected?

6. Events not held under Permit or Certificate of Exemption are not covered, neither are any Record Attempts nor activities other than the normal competition.

As part of the master liability policy member clubs are covered for their legal liability to third parties arising from their social activities. These activities encompass

Appendix 2 – Insurance & Motor Competitions

social evenings, award ceremonies and other like gatherings. This extension DOES NOT cover claims arising from the following:

- 1) Hazardous and dangerous activities (except in an attempt to save human life).
- 2) Use of pyrotechnics and explosives.
- 3) Overseas activities.
- 4) Participation in actual Motorsport.
- 5) Commercial activities for gain/profit excepting raffles and prize draws or similar.
- 6) Employers Liability and Errors or Omissions.
- 7) Liability for bona fide sub-contractors.
- 8) Claims more specifically insured by the other existing policies.
- 9) Damage to vehicles used by the organisers is not covered. The policy provides no protection in respect of aviation incidents.

Liabilities arising from the use of vehicles on the public road are not insured under the public liability policy. If this cover is required application should be made to Jardine Lloyd Thompson who will be able to offer facilities to insure the exposure.

Events abroad are not covered without special arrangement and approval being sought through Jardine Lloyd Thompson.

Insurance policies are subject to specific terms and conditions. Thus if there is any doubt at all whether any activity or aspect of cover is insured or not it is important that you refer to Jardine Lloyd Thompson for clarification.

Are Competitors Covered?

7. The term competitor is used in its widest sense to describe drivers, entrants, sponsors of individual competitors and where appropriate passengers.

Where events occur on private land, i.e. where the insurance provisions of the Road Traffic Act do not apply, competitors are protected by the MSA's public liability insurance.

It is impractical for the MSA to provide competitors with cover where any part of an event takes place on the public highway in circumstances to which the Road Traffic Act applies. To cover liability under the Road Traffic Act, competitors are expected to make their own arrangements by the extension of existing motor policies. However, Jardine Lloyd Thompson are in a position to assist clubs organising rallies to provide Road Traffic Act cover.

However, this insurance does not protect competitors in respect of liability to mechanics or other helpers forming part of the same entry nor do they protect mechanics, entrants or sponsors in respect of claims by the driver. Claims by one competitor against another actually competing in the same event are excluded.

Damage to participants competition vehicles whether caused during periods of competition or otherwise is not covered.

Are Landowners Covered?

8. The MSA Master Policy indemnifies landowners in respect of their potential legal liability to third parties

following an accident in connection with an event for which they have loaned the use of their land. This indemnity is to deal with the risk that an allegation is made after an accident that the cause was due to some defect in the landowner's premises.

The MSA public liability policy will only normally pay for damage to a landowner's property if it is considered that the club has been in some way at fault and has a legal liability.

The policy is specific in not providing cover for damage to safety barriers, marshal posts, other course installations and damage to road and land surfaces.

Contractual Liability?

9. Contractual Liability is the term used in Insurance policies to indicate an obligation accepted by one of the two contracting parties which goes beyond the position that would exist otherwise under the common law of negligence. Insurers exclude such obligations because they do not wish to be bound under their policy by any prior commitment unless they have been given notice of the commitment and agreed to it. Please refer to Jardine Lloyd Thompson for any specific clarification.

If obligations are undertaken under contract in respect of damage to other property e.g. hired public address equipment, armco barriers or advertising hoardings then the liability cover offered under the Master Policy will only operate to the extent to which it is judged you may have a legal liability under the common law in negligence.

Under normal circumstances any extension of cover will not include inevitable damage to road and land surfaces. Clubs are expected to take reasonable measures to protect vulnerable property, especially any property of high value which might be subject to damage.

Medical Malpractice

10. The Master Liability policy is automatically extended to provide medical malpractice cover for volunteer Junior Doctors and paramedics registered with the HPC and volunteer medical assistants including nurses registered with the MSA, attending MSA authorised events. The limit of indemnity is £10,000,000 in the aggregate and the cover is subject to a deductible amount of £350 each and every claim.

Public Liability – Action Plan

11. In order that clubs may be certain that cover is in place for any given event the following are the steps that are to be taken:

- (a) Apply to the MSA for an appropriate Permit or Certificate of Exemption.
- (b) Consider if specific advice is needed from Jardine Lloyd Thompson on the event, e.g.
 - Activities other than normal competition, or those specifically approved by the MSA
 - Contractual liabilities incurred to property owners or landlords
 - Where cover under the Road Traffic Act is required.

Insurance & Motor Competitions – Appendix 2

(c) If special exposures to risks not covered in the standard MSA liability insurance exist such as in (b) above then full details should be made available to Jardine Lloyd Thompson in good time for them to respond on the nature of the cover required and its costs.

Claims

12. In the event of any accident involving injury to a spectator or official, or damage to third party property, a full report must be made to the MSA as soon as possible. There must be no discussions or correspondence whatsoever regarding the incident other than to confirm that the facts are being reported to the MSA. Delay in reporting could result in the Insurer's refusal to deal with a claim if their position had been prejudiced by delayed notification or by settlement or commitment having been made. In the unlikely event of an injury being fatal, this report must be made by telephone, at the earliest possible opportunity. These requirements also apply to serious or potentially fatal accidents.

In the case of accidents involving spectators or their property it is important that the names and addresses of any witnesses are obtained and also those of marshals stationed in the vicinity of the accident.

After an incident organisers or individuals may receive a letter from a solicitor which should take the form of 2 copies of a 'letter before action'. Such letters should not be acknowledged or replied to but must immediately be sent to the MSA. Insurers will then have 21 days to acknowledge receipt of the 'letter of action' followed by a period of 90 days to investigate the claim and make a decision on liability.

Failure to meet these deadlines can result in judgment by default with the attendant adverse penalties and cost accruing to the defendant.

Personal Accident

13. The duties of many officials take them close to the "scene of the action" and consequently into an area of relatively greater risk. Officials voluntarily carry out their duties and legally thereby accept the additional risk inherent in the duty which limits any remedy at law available to the official should injury occur.

Officials

14. Recognising this the MSA has effected personal accident insurance applying at events held under Permit or Certificate of Exemption. Personal accident policies pay the pre-agreed levels of benefit to persons injured if an accident occurs within the terms and conditions of the policy.

Who is Covered?

15. All signed-on officials at events held under Permit or Certificate of Exemption, including set-up and dismantling. The signing-on of officials at events is extremely important in that one of the purposes of this is to identify a person as an official of the event and consequently establish the right to benefit under this personal accident policy. Cover for officials include travelling directly from home to an event and directly back home again from the event.

What are the Benefits?

16. The benefits payable under the personal accident policy are up to the following amounts:

£65,000	Death
£65,000	Permanent total disablement
£32,500	Loss of one limb or the sight of one eye capped at £65,000
£32,500	Loss of speech
£20,000	Loss of vital organ
£ 50	per day hospitalisation benefit capped at £750 any one loss
£ 100	Convalescence benefit
£ 1,000	broken spine, neck or skull
£ 400	for broken arm, elbow, wrist, leg, pelvis, hips, ankle, foot
£ 100	for any other broken bones

Up to £150 physiotherapy benefit with a £50 excess each and every claim.

Up to a maximum of £2,000 expenses necessarily incurred following any one accident for those not in regular employment.

Medical expenses following an accident occurring during MSA authorised activity outside of England, Scotland, Wales or Northern Ireland (Limited to Europe), including repatriation to normal country of residence, capped at £25,000.

Up to £350 per week during temporary total disablement, limited to loss of earnings, payable up to 104 weeks.

Counselling benefit up to £500 per person per counselling session, limited to £5,000 per session in total.

The phrase "loss of" is deemed to include total and irrecoverable loss of use.

The reason why lesser amounts may be payable than the above sum during temporary total disablement is that it is not permissible to permit an individual to make profit from an insurance claim. The policy necessarily covers a wide range of individuals with very different circumstances and it would obviously be inappropriate to pay £350 per week in temporary total disablement benefit to someone who earns substantially less than this in normal circumstances. The weekly benefit is related directly to an individual's income and will make allowance for tax and National Insurance.

Competition Licence Holders

17. In addition to covering officials the MSA has arranged automatic cover for all Competition Licence holders.

This personal accident insurance cover is valid from the date of issue of the competition licence or the First of January of the relevant licence year, whichever is the later. It is operative during any competition and/or official practice session at an event run under a permit

PLEASE DO NOT DELAY IF ANY INTIMATION OF A CLAIM IS MADE AGAINST YOU.

Appendix 2 – Insurance & Motor Competitions

issued by the MSA or for which a Certificate of Exemption has been issued or run in accordance with the International Sporting Code of the FIA, under the authority of an FIA recognised ASN.

This additional personal accident cover does not apply to competitors holding only a 'Club Card'.

What are the Benefits?

18. The benefits payable are up to the following amounts:

£25,000	Death (£7,500 under 16 year olds)
£50,000	Permanent total disablement
£100,000	Incapacitation benefit meaning bedridden and requiring fulltime care for more than 5 years
£20,000	Loss of vital organ
£ 5,000	Loss of one limb or the sight of one eye capped at £10,000
£32,500	Loss of speech
£ 50	per day hospitalization benefit capped at £500 any one loss
£ 500	spine, skull, neck
£ 100	Convalescence benefit
£ 200	for broken arm, elbow, wrist, leg, pelvis, hips, ankle, foot
£ 50	for any other broken bones

Up to £150 physiotherapy benefit with a £50 excess each and every claim

Medical expenses following an accident including repatriation to normal country of residence (Limited to Europe) £10,000.

Counselling benefit up to £500 per person per counselling session, limited to £5,000 per session in total.

The phrase "loss of" is deemed to include total and irrecoverable loss of use.

These are the standard benefits provided by the MSA. Facilities may exist for drivers to increase these benefits at favorable terms and they should apply directly to Jardine Lloyd Thompson.

Who is Covered?

19. All signed-on MSA Competition Licence holders at events held under a Permit or Certificate of Exemption. The cover applies while signed-on under Regulation H.33.1 or for any International or National event held in accordance with Article 2.2 and/or 2.3 of the FIA International Sporting Code.

General Notes

The following are general points where experience has shown it is helpful to give guidance to members.

Competitors or Clubs competing abroad

20. It is recommended that competitors or Clubs competing abroad review their insurance arrangements, with Jardine Lloyd Thompson.

MOTORSPORT INSURANCE



WE'LL KEEP
YOU ON
TRACK

Policy Options Include:

On-Track Cover

Track / Test Day
Cover

Storage & Transit
Cover

Personal Accident
Cover

Discounts for
multi-event and
annual policies*

*Subject to underwriting criteria

**Knowledgeable staff
Open 7 days a week**

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Insurance & Motor Competitions – Appendix 2

Foreign Competitors in the UK

21. The National Health Service has financial restrictions on treating some foreign nationals after an accident. Unless the country of origin has an agreement with the UK, foreign competitors are strongly recommended to take out medical insurance before competing here. Organisers should draw this to the attention of foreign competitors.

Social Events

22. The MSA's Master Policies provide cover for some club social activities (6).

Marshals' Training

23. Marshals' training days are, subject to prior notification and approval by the MSA, covered under both the Legal Liability and the Personal Accident (officials) Policies without charge.

Standard Motor Policies

24. A Standard Motor Policy issued in the UK market excludes use for "racing, pacemaking, reliability trials, speed testing or rallies". While the competitor may be able to obtain extension of his policy this is a matter for individual negotiation between the competitor and his insurer.

Any competitor in any event that involves use of the public highway should, in his own interest, pay particular attention to insurance. He should always, before entering an event involving use on the public highway, obtain confirmation from his insurers that his normal policy operates. Where Rallies or Trials include special tests full details of these tests should be submitted to the Insurer.

Competitors are reminded of the declaration they are

required to make when entering an event. Facilities are available to Clubs to provide short period third party liability cover to drivers in Rallies through Jardine Lloyd Thompson.

Events on Public Roads

Road Rallies

25. In respect of Road Rallies timed to less than a minute, the higher rate detailed in Part 3, Appendix 1. 5.5. does not apply in respect of Regularity events or events where one section, not exceeding 10 miles in length, is included solely for the purpose of tie deciding.

Closed Road Events

26. Competitor's legal liability cover can only be given for events run on closed public roads when such roads are closed by a properly enacted Order made under the authority of a statute permitting the closure of a public road or roads for the purpose of a competition, whether such competition involves simultaneous competition or timing against the clock, and suspending the operation of normal Road Traffic Legislation.

Insurance Fees

27. Insurance fees are detailed in Part 3, Appendix 1, Schedule of Fees. The quoted Per Capita rates are based on a meeting of one day's duration. Insurers reserve the right to make an increased charge in respect of meetings occupying more than one day to which the public is admitted, and a charge made or where competitions counting towards the final result take place on each day. The Per Capita premiums provide cover in respect of the permitted competition and official practice sessions.

Appendix 3 – Competing Abroad

Common Regulations for

Competing Abroad – Appendix 3

This brief outline is designed to help competitors and officials avoid problems which can be associated with competing at events overseas.

General

Use this checklist if you are planning to compete abroad:

- Is the event on the FIA International Calendar (or the respective ASN's National Competition with Authorised Foreign Participation Calendar), otherwise it could be a long trip for nothing.
- Have you got the right Competition Licence (International Driver and Entrant Licence or EU Licence, as appropriate)
- If you are taking any banned substance on the current WADA list, a TUE is only required **PRIOR** to competition for drivers who are competing in **FIA International events**. Please contact the MSA for further instructions.
- Have you 'permission to start'. Entry Forms often require the stamp of approval of your National Sporting Authority (the MSA). Your International Licence is also your 'Visa' authorising you to compete abroad. In case of doubt, the MSA can always stamp your entry form, but don't leave it until the last minute before the closing date for entries.
- Is/are your Licence(s) signed
- Do the Regulations call for you to take passport size photographs for event identification
- Do the Organisers require any specific paperwork, identification or information
- Do you have the right homologation/identity papers/log book.

European Events

Holders of National A or International Licences may compete in events that are published on the respective ASN's National Competition with Authorised Foreign Participation Calendar. They do so under the regulations for that event and under the jurisdiction of the appropriate ASN (National Sporting Authority).

These events will not be on the International Calendar.

See Section H for separate arrangements for Professional Drivers.

Note: Throughout these sections an asterisk (*) indicates a requirement for additional information to be printed in the Supplementary Regulations (SRs).

Text shown in Italics indicate a Regulation which may be amended in the SRs.

Travelling Arrangements

Taking competition cars and spares across international borders can be a fraught business and very time consuming. Allow enough time and ensure that your papers are arranged in advance.

Personal Arrangements

- Take your Driving Licence even if you are the Co-Driver; many foreign countries insist on seeing this whether you are intending to drive or not. You may be refused the start without it
- Find out if the countries you are visiting require an International Driving Permit
- It is essential to have Green Card Insurance to protect yourself. In some countries an additional 'Bail Bond' cover is essential. (NB UK Third Party Fire and Theft cover is not necessarily valid abroad.) Always check with your motor insurer that your UK cover is valid in the country you are visiting
- Take the vehicle registration documents or an authority from the vehicle owner that you are entitled to be driving it (eg in the case of a company vehicle)
- Particularly with large or trailered vehicles, check that you are allowed to travel on the roads during weekends or public holidays (eg in France, Italy and Germany)
- Find out if you need a Travel Visa for the countries you are visiting
- Include your 'GB' plates
- Check which, if any, inoculations are necessary for each country you are visiting
- Take out Medical Insurance that covers you during an event as well as before and after.
- Check what emergency equipment you need to carry. Bulb kits, fire extinguishers, warning triangles and reflective clothing for example are mandatory in many countries.
- Make sure your vehicle's lighting complies with the requirements for the countries visited.

Vehicles/Spares

When crossing any international border, particularly outside the EU, ensure you can account for all equipment, including trailers, trailered vehicles and spares. This should be done on entry and exit. Customs officers will need to ensure that you take out what you took in and any missing items are considered as having been sold and therefore could be liable for tax.

Some countries accept a list of equipment and spares deposited on arrival and cleared on departure at the same post (if you are sensible). Other countries, particularly, in the case of race vehicles and trailered equipment, require formal 'Carnet' documents with Bank Guarantees to the value of the equipment.

Lack of paperwork on arrival at a customs post could mean a fine in addition to delays. Even clearing Customs on entry without being checked does not mean you are clear; you will have to exit the country and you also may be subjected to roadside checks.

In general the more paperwork you carry the better. It can help to have paperwork for the event or an invitation or acceptance to compete to reassure Customs that your visit is genuine. Take duplicates or copies of all papers with you, and perhaps copies of the original invoices for the vehicles and spares to reduce the possibility of a VAT investigation on re-entry into the UK.

(Carnet de Passage) and more information can be obtained from: The RAC, The AA, Chamber of Commerce (ATA Carnet), Freight Transport Association (Owner Document Road Permit), HM Revenue and Customs. The motoring organisations may be able to offer both Personal and Vehicle Protection bonds in case of accident. Check out their schemes.

Community Movement Carnets

These are no longer required for movement between and through countries which are full members of the EU. This does not mean that you won't be stopped and asked to explain exactly what you have on board, so it is still a good idea to have some form of documentation to prove ownership.

Judicial Notes for Guidance

Appendix 4

The Machinery of Justice

This appendix is not part of these Regulations and is not mandatory but is intended to assist competitors when becoming involved in or contemplating becoming involved in MSA judicial procedures. It gives an explanation of the course of any judicial procedure and must be read in conjunction with Section C – Judicial.

1. The three main Judicial Bodies, in order of progression, are, the Clerk of the Course, the Stewards of the Meeting and the National Court. At most events there should be three Stewards of the Meeting. The club organising an event is responsible for appointing the Stewards, although at all Race, Speed, Kart, Stage Rally and some other events, the MSA appoints the Chief Steward. The MSA list of Stewards comprises of people who have considerable experience of Motor Sport, and who usually have acted as Club appointed Stewards for a number of years. They are, however, independent, and are not employed by the MSA. In order to ensure impartiality, any Steward finding they have any connection with a party to a hearing or with the subject matter of a hearing must declare a possible conflict of interest. Unless all parties agree otherwise, then that Steward must withdraw.

The National Court is appointed by the MSC and the members are usually either senior MSA Stewards, members of one of the specialist Committees or other experienced people who are independent of the MSA. The Chairman of the National Court will usually be a person who is legally qualified.

Clerk of the Course

2. The Clerk of the Course is the first judicial authority in any competition and deals with any protests from Competitors or adverse reports from Observers, Scrutineers or Technical Commissioners, Judges of Fact, etc. Whenever possible Competitors should be given the opportunity to explain their side of the matter, and after considering all relevant reports, the Clerk of the Course will make a decision.

The various time limits for lodging Protests are given in C.5.2. These may be extended by the Clerk of the Course in exceptional circumstances. Joint Protests are not accepted, but more than one individual Protest may be accepted on the same grounds. Protests must be in writing, signed and accompanied by the appropriate fee.

The Clerk of the Course's decision will normally be given verbally, and confirmed in writing. If an offence is found to have been committed, the Clerk should state which rules have been breached, what actions or penalties have been applied, and the time that the verbal decision was notified to the Competitor. The Competitor concerned has 30 minutes if he wishes to Appeal against the Clerk's decision. Any Appeal, which must be in writing and accompanied by the appropriate deposit, will be heard as soon as practicable by the Stewards of the Meeting.

Stewards of the Meeting

3. The Stewards of the Meeting are the second judicial body at any competition. They will hear any Appeals arising out of a decision of the Clerk of the Course or of any other Official of the meeting. The Stewards decision will normally be final, and can only be appealed to the National Court, in accordance with C.7.1.

The National Court

4. The National Court normally sits at the MSA offices at Colnbrook, but it can meet at other venues at the MSC's discretion. The press and other observers are not permitted to attend. Any hearing can proceed in the absence of any party or witnesses, provided that sufficient notice of the hearing has been given.

Appeal Hearings

- These hear appeals from decisions made by Stewards of a Meeting. The Court is obliged to confine its decisions to matters actually appealed, though they are free also to make recommendations to the MSC arising out of their deliberations. They have the power to review and amend any penalty previously applied.
- Prior to the start of an Appeal Hearing, the Court members and all parties will be given a dossier incorporating the original protest or complaint, any reports or sketches etc produced at the original Hearing, the notes or transcript (if any) of the Stewards' Hearing the Stewards' report and the original findings.
- Normally the Court first hears the Appellant's case, with witnesses called and cross-examined if necessary. The respondent follows, calling witnesses who may also be cross-examined. The respondent and appellant can then make a final address if desired. In the case of a partial or complete re-hearing however, the Court can change the order of the hearing.
- The Court then adjourns to consider its decision, which is given verbally to the parties and confirmed in writing. The Court may also order the Return of the Appeal Fee if the Appeal has been successful, or its forfeiture if the Appeal has failed. An allocation of costs may be made if appropriate. Exceptionally judgement can be reserved.

Disciplinary Hearings

These are held to try cases brought before the Court by the MSA for alleged breaches of rules by persons or groups subject to these Regulations.

Disciplinary hearings have two primary functions:

- To determine whether or not the breach is proved (unless the matter has been referred to them for the application of an additional penalty); and
- If so, to impose the appropriate penalty.

Procedure at Disciplinary Hearings involves The Clerk to the Court bringing in the main parties and briefly stating the purpose of the Hearing. The alleged breach is read to the party and the party issues a plea to each charge. If the party accepts the charge, proceedings may be shortened and mitigation considered.

- If the party contests the charge, the prosecution proceeds first, summarising its case. Prosecution witnesses may be cross-examined by the defence, and re-examined by the prosecution. The defence then presents its evidence, defence witnesses being cross examined and re-examined in turn. All witnesses may be questioned by members of the Court. The prosecution and defence can then address The Court, summarising the evidence, before the Court adjourns to determine its decision. No person, other than the Clerk to the Court if required, can be present or enter discussions with the Court at this stage.
- If the Court finds the charge(s) have not been proved, it will dismiss the case. If any of the charges are, proved, the Court will announce whether a penalty is to be imposed, and the nature of the penalty. The Court has full discretion to award and allocate costs as it thinks fit.

Investigatory Hearings

- These are held under Regulation C.9 to enquire into matters referred to the Court by the MSA. The Court is free to receive evidence and to hear witnesses as they wish. They can make such order as it deems appropriate including, for example, amendment to the results of a competition, or recommendations to the MSC, and if a breach of the Regulations has occurred either impose an appropriate penalty or refer the matter to a subsequent Disciplinary Hearing. The Court has full discretion to award and allocate costs as it thinks fit.

Technical Eligibility Appeals

These are dealt with entirely by written submissions in accordance with the procedure laid down in C.7.2.

- If a Competitor wishes to Appeal in respect of an eligibility ruling or penalty under C.3.5.1.(c) or 3.5.3, confirmation of lodging the Appeal, together with the grounds of Appeal must be submitted to the Clerk to the National Court in writing within ten days. Within the same period, the Technical Commissioners concerned must also submit their reasons for coming to their decision, quoting the relevant regulation numbers, dimensions etc as appropriate. Copies of these submissions will be

sent to the opposing parties, who will then be allowed a further ten days for written comments.

- The National Court will then consider all these submissions, plus any other appropriate exhibits, and will adjudicate on the matter. The Decision will be notified to all parties in writing. The Court will also decide whether the Appeal fee should be returned or forfeited, and may also allocate costs if appropriate.

Anti-Doping Hearing

- The National Court shall decide any anti-doping matter referred to it by the MSA.

Witnesses and Examination

5. Witnesses are not required to give evidence on oath. They may be examined by the party calling them, and shall give evidence directly and/or by answering questions.

- Documents may be produced in evidence: in such case the Hearing must be satisfied as to their source, validity, relevance etc., and to do so it may be necessary to call direct evidence in this respect. It should be remembered that documents on their own may not be accepted without corroboration.
- A report from any official that has been produced, and has later been open to challenge at the original Stewards' Hearing is acceptable, but should not be amplified later unless that official is attending as a witness.
- Data logged evidence, video and other photographic evidence may be considered by Clerks of the Course, Stewards or the National Court, providing they are satisfied as to its authenticity, and in all circumstances at their sole discretion
- Prior to the hearing of an Appeal each party is required to specify to all other parties, details of all reports, documents, objects, photographs or recordings which are to be used at the hearing. All parties must have the opportunity of inspecting any or all of the items detailed in the list, prior to the hearing if requested
- Objects may be put in evidence, as for instance, the cylinder head in question.

Degree of Proof

6. The degree of proof required is what is more probable i.e. the balance of probability. Although some sporting or social stigma may accrue to persons found to have been in breach of the Regulations of a sporting body, it is not sufficient to justify the necessity of proof beyond reasonable doubt.

Forestry Liaison Officers and Forestry Commission District Offices Appendix 5(a)

The Motor Sports Association has appointed FLOs to each Forestry Commission District in England and Wales and to the Regions in Scotland to provide a liaison between Organising Clubs, the MSA and the Forestry Commission.

The FLOs and the areas for which they are responsible are given below.

The detailed Regulations regarding the arrangements for the authorisation of events seeking use of the Forestry Commission's land are available from the MSA. However, it is important that Clubs who are seeking usages DO NOT contact the Forestry Commission direct, but should channel their enquiries through the FLOs who will give guidance as to likely availability and specific problems on the use of particular forests.

Headquarters

Forestry Commission

231 Corstorphine Road, Edinburgh EH12 7AT.
☎ 0131 334 0303.

Forest Districts

England

North England Forest District

Eals Burn, Bellingham, Hexham,
Northumberland NE48 2AJ.
☎ 01434 220242.
(FLO 5 & 8.)

Yorkshire Forest District

Outgang Road, Pickering, North Yorkshire YO18 7EL.
☎ 01751 472771.
(FLO 7.)

Central Forest District

Edwinstowe, Mansfield, Notts NG21 9JL.
☎ 01623 822447.
(FLO 1.)

East England Forest District

Santon Downham, Brandon, Suffolk IP27 0TJ.
☎ 01842 810271.
(FLO 4 & 6.)

West England Forest District

Bank House, Bank Street, Coleford, Glos GL16 8BA.
☎ 01594 833057.
(FLO 2, 9 & 10.)

South England Forest District

The Queen's House, Lyndhurst, Hampshire SO43 7NH.
☎ 02380 283141.
(FLO 3.)

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(District: West England)
3. Barry Guess, 8 Bethel Lane, Upper Hale, Farnham, Surrey GU9 0QA.
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E-Mail: barrygcharlie@aol.com
(District: South England)
4. Robin Hernaman, 19 Church Street, Ashley, Newmarket, Suffolk CB8 9DU.
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(District: East England)
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(District: Yorkshire)
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9. Kevin Witton, 56 Harper Avenue, Wednesfield, Wolverhampton WV11 1HA.
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(District: West England)
10. Chris House, Brindham Farm, Wick, Glastonbury, Somerset BA6 8JR.
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(District: West England)

Natural Resources Wales

Coed y Gororau Forest District

Powells Place, Powells Lane, Welshpool,
Powys ST21 7JY.
☎ 08456 040845.
(FLO 12.)

Coed y Mynydd Forest District

Arran Road, Dolgellau, Gwynedd LL40 1LW.
☎ 01341 422289.
(FLO 12.)

Llandovery Forest District

Llanfair Road, Llandovery, Carmarthenshire SA20 0AL.
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(FLO 11.)

Coed y Cymoedd Forest District

Resolven, Neath, West Glamorgan SA11 4DR.
☎ 01639 710221.
(FLO 11.)

Forestry Liaison Officers:

11. Keith Ashley, 8 Hither Bush, Lyde,
Hereford HR4 8EF.
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(Districts: Llandovery, Coed y Cymoedd)
12. Kevin Witton, 56 Harper Avenue, Wednesfield,
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(Districts: Coed y Gororau, Coed y Mynydd)

Scotland

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North Highland Forest District

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Inverness, Ross and Skye Forest District

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Lochaber Forest District

Torlundy, Fort William, Inverness-shire PH33 6SW
☎ 01397 702184.

Tay Forest District

Inverpark, Dunkeld, Perthshire PH8 0JR
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West Argyll Forest District

Whitegates, Lochgilphead, Argyll PA31 8RS
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Cowal and Trossachs Forest District

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Dumfries and Borders Forest District

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Scottish Lowlands Forest District

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West Calder EH55 8PN
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Galloway Forest District

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Forestry Liaison Officer for Scotland:

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Venue Liaison Officer – Longcross

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Cheshire: Gordon Pirie, 73 Liverpool Road, Great Sankey, Warrington, Cheshire, WA5 1QW.

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Channel Islands: Refer to Simon Fowler at the MSA.

City of London: N/A.

Cleveland: North of the River Tees – See Durham
South of the River Tees – See North Yorkshire.

Cumbria: Fred Bent, Orchard House, Borwick Road, Arkholme, Carnforth, Lancashire LA6 1BG.

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Northumbria: See Durham.

Nottinghamshire: TBA

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NATIONAL PARKS

Brecon Beacons/Pembrokeshire: See Dyfed Powys.

Dartmoor: See Devon & Cornwall.

Exmoor: See Avon & Somerset.

Lake District: See Cumbria.

New Forest: See Hampshire

Northumberland: See Durham.

Peak District: See Staffordshire

Snowdonia: See Wales (North).

South Downs: See Sussex.

Yorkshire Dales/Moors: See Yorkshire (North).

Approved Radio Co-ordinators

Appendix 5(c)

England

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Bedfordshire, Buckinghamshire, Derbyshire, Hertfordshire, Leicestershire, Northamptonshire, Oxfordshire, Staffordshire, Warwickshire, West Midlands

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Avon, Berkshire, Somerset, Dorset, Wiltshire, Gloucestershire, Hampshire, Herefordshire & Worcester

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Devon & Cornwall

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Cheshire, Greater Manchester, Lancashire, Merseyside, Salop

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Wales

North Wales (down to A489/A470)

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Appointed Technical Commissioners

– Appendix 5(d)

Scrutineer Car Technical Commissioner

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Greig, W G 53 Cupar Road, Kingskettle, Kettlebridge, Cupar, Fife, KY15 7QD

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Scrutineer Kart Technical Commissioner

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Appointed Environment Inspector

– Appendix 5(e)

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Alphabetical listings for

Licensed Technical Officials

Appendix 5(f)

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Part 4:

Motor Sports Directory

Motor Sports Directory 2015

27th edition

The MSA Motor Sports Directory, now in its 27th year of publication, has more than 100 categories to choose from and more than 200 individual entries. It is part of the MSA Motor Sports Yearbook and is available from the MSA.

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CAM Auto Developments Ltd have been supplying parts since 1989 and in 1998 opened a motorsport parts division to specifically support our expanding motorsport client base. Today Cam are the UK's leading distributor of Goodridge fluid transfer hoses, oil coolers and general automotive plumbing solutions. To complement this, we also supply a large range of heat management products, fuel pumps, octane boosters and batteries along with being a official service and sales centre for all Life Line safety products.

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We also offer on-site free parking. You can also enjoy the added bonus of The Stag bar, restaurant and carvery, plus our relaxing coffee lounge. Come and visit our evening Bistro where you can enjoy a new and exciting menu. Food available all day from 7am, including our excellent Stag breakfast.

Contact: Colin Kilby



The Beaumont Hotel

**66 Victoria Road, Louth,
Lincolnshire, LN11 0BX**

Tel: 01507 605005

Fax: 01507 607768

Email: reception@thebeaumonthotel.co.uk

Web: www.thebeaumonthotel.co.uk

Our 16-bedroom hotel is conveniently situated in a quiet residential part of Louth, only five miles from Cadwell Park. We have a large, private secure parking area for 65 cars, ideal for visitors, race goers and racing teams. We can also cater for business meetings, conferences and dinner parties, or a place to sit and enjoy a drink or two.

All rooms are ensuite and equipped with all modern conveniences, including freeview TV, courtesy tray, hairdryer, radio/ clock alarm and trouser press, and all rooms are of the highest standards. Wi-Fi internet access is available in our lounge and bar area and is provided in the majority of our bedrooms.

With our three-star ETB award, we aim to give good-quality service and value, but, above all, create a friendly and relaxing atmosphere to make our customers feel welcome.

New Farm B&B

New Farm, Long Lane,
Wettenhall, near Winsford,
Cheshire, CW7 4DW
Tel: 01270 528213

Email: info@newfarmcheshire.com

Web: www.newfarmcheshire.co.uk

New Farm Bed & Breakfast is only four miles from Oulton Park, set in the picturesque Cheshire countryside. We offer secure parking and early breakfasts to suit your requirements. Each bedroom features LCD TV, wireless internet, tea and coffee making facilities, double glazing and central heating. We offer five good sized bedrooms with a choice of Single, Double, Twin beds all with en suite facilities and power showers. There are numerous local pubs and restaurants within a short drive and Chester is only 15 minutes away. In addition we also have a large CCTV equipped parking area suitable for large trailers.

Contact: Mark Rowland



IGNITION LEADS

Magnecor Europe Limited

Unit 12, Jubilee Business Park,
Snarestone Road,

Appleby Magna, Derbyshire

DE12 7AJ, United Kingdom

Tel: +44 (0) 1530 274 975

Fax: +44 (0) 1530 274 624

Email: info@magnecor.co.uk

Web: www.magnecor.co.uk

Magnecor are the leading brand name, world wide, in ignition leads for the motor racing, high performance and gas conversion markets.

Magnecor specialises in custom-made sets for mapped / modified ignition systems. Personal service and technical backup are second to none. Aerospace grade silicone rubber insulation and a unique helically wound inductive core are our trade marks.

Magnecor ignition leads perform the critical task of eliminating RFI and EMI interference whilst maintaining maximum spark output throughout the entire rev range. We will make lead sets for any engine Car, bike, boat or plane.

Contact: Phil de Wit

MAGNECOR



INSTANT SHELTERS

Hamilton Motorsport

HAMILTON
Motorsport LTD

Tel: 0118 973 7300

Email: office@hamiltonclassic.co.uk

Web: www.hamiltongrouponline.com

A division of Hamilton Classic Ltd have been supplying Race and Rally marquees to clubmen and professionals for over 10 years. Strong robust frames and

quality waterproof canopies and sides combine to make a great shelter for all occasions. All frames are nut & bolt design so if damage does occur spares are always available. Three grades of frame are available in seven sizes and ten colours to suit all budgets. Printing and graphics can be arranged. Hamilton Group are also suppliers of Minilite Wheels, Motolite Steering Wheels, Tyre storage and transport cases and Hillclimb Tyre Jackets to keep tyres clean on their way to the start. Car Covers and storage systems are also available for standard and competition vehicles. The quality of our products have been tested over the years and being competitors ourselves gives us plenty of opportunity to test and improve our products.

Contact: Alastair Flack



INSTRUMENTS

ACES

26 Gainsborough Drive, Lawford,
Manningtree, Essex, CO11 2JU

Tel: 01206 395324

Fax: 0872 115 8601

Email: sales@aceserve.co.uk

Web: www.aceserve.co.uk

Designers and manufacturers of high-quality innovative products aimed at the motor sport driver and enthusiast, which includes the SureShift2, a fully featured, high-precision multistage shiftlight with intelligent max rpm telltale.

INSURANCE

Adrian Flux Insurance Services

East Winch Hall, Kings Lynn,
Norfolk, PE32 1HN
Tel: 0800 081 8989
Email: quotes@adrianflux.co.uk
Web: www.adrianflux.co.uk



Adrian Flux is the UK's largest specialist motor insurance broker, with over 40 years experience of providing quality insurance for everything from classics to modified cars, vans to kit cars and anything in between.

With specialist schemes for track days, rally cars, and performance vehicles, as well as a range of discounts and benefits for all sorts of drivers, Adrian Flux offers insurance to suit every need.

Our UK-based staff are all insurance experts, ready and waiting to find you the right policy at the right price.

Lockton MIS Motorsport

10 South Parade,
Leeds LS1 5QS
Tel: 0113 389 3666
Fax: 0113 205 1630

Email: info@mismotorsport.com
Web: www.mismotorsport.com



Lockton MIS Motorsport are the largest global privately owned broker, this not only cements our position as one of the leading suppliers of insurance to the motorsport industry, but also increases our capacity to access the most competitive terms available on your behalf.

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We specialise in On Track/On Event policies to cover your vehicle for accident damage whilst competing, personal accident insurance for any team personnel, liability cover for circuits, teams, drivers, organisers and clubs, plus commercial and motor trade insurance.

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Email: motorsport@grove-dean.com
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One of Europe's premier on-track insurers for GT, Sports and Single Seater motorsport.

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Ryan Motorsport Insurance

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Tel: +44 (0)1799 524202
Email: info@ryanmi.com
Web: www.ryanmi.com



Ryan Motorsport Insurance provides a comprehensive solution for all your motorsport insurance needs. Our products include – Cover for race cars whilst competing at UK/worldwide events, Personal Accident for drivers and teams, track day cover, team commercial insurance, liability coverage for events & meetings, storage and transit insurance for vehicles and equipment. Single events quoted. Discounts available for multiple event/annual policies. With more than 15 years of experience within the motor sport insurance business and having competed in various race championships, managing director Ryan Mone has an extensive knowledge and understanding of the insurance requirements for individuals, companies and teams alike. With the assistance of a dedicated team of staff we endeavour to provide you with the highest possible levels of service and advice, combined with competitive premiums.

Contact: Ryan Mone



JLT Specialty Ltd

The St Botolph Building,
138 Houndsditch,
London EC3A 7AW
Tel: 0845 337 2446

Fax: 020 7582 4500

Email: msa@jltgroup.com

Web: www.jltgroup.com/sports-insurance/msa

JLT's insurance broking, risk management and project consulting services are tailored to each specific area of the sports industry we work with. We are passionate about sport from the amateur to the elite professional. Our priority is always to thoroughly understand our clients' business, comprehend their needs and design the most innovative, client-driven solutions available. JLT Sport seeks to stay ahead of the game by continually designing, developing and implementing programmes that produce tangible benefits to our clients which differentiates us from our competitors. It is this focus that drives our innovation. Importantly, we get claims paid.



KART INDUSTRY

British Kart Industry Association

Email: admin@bkia.co.uk

Web: www.bkia.co.uk

As the kart trade association, we operate on a non-regulatory, not-for-profit basis representing the industry's manufacturers, retailers, circuits, associated businesses and organisations.

Members all sign up to a code of conduct and in the event of a complaint, the BKIA offers independent arbitration. Whatever karting equipment or advice is needed, we encourage present and future participants to talk to the professionals – members of the British Kart Industry Association.

A full list of members and other information can be found on our website, www.bkia.co.uk.

Contact: Mr Peter Catt

**TABOR KARTING SPECIALIST**

Tel: 01305 774074

Email: tabor@planetkarting.co.uk

Web: www.planetkarting.co.uk

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Northants NN12 8TN

Tel: +44 (0)8435 070 858

Email: info@gprdirect.com

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Twitter: [zipkart01](https://twitter.com/zipkart01)

Zip Kart's 40 years of heritage comes from the legacy left by the late Martin

Hines known affectionately as Mr Karting. His passion and dedication has pushed karting into the limelight becoming the spring board for talented racing drivers.

The legendary Zip Young Guns Racing Team was created for talented young drivers to achieve their potential by providing them with the best support available. Former Zip drivers include David Coulthard, Lewis Hamilton, Jason Plato, Gary Paffett, Luke Hines, amongst many others.

Today Zip kart manufactures race winning karts for cadets and is the distributor for ART Grand prix karts in the UK.

**John Mills Engineering Ltd**

PF International Kart Circuit,

Brandon, Lincolnshire

NG32 2AY England

Tel: +44(0)1636 626424

Web: www.jmracing.co.uk/

JM Racing was started by John & Roger Mills almost 55 years ago, making JM the longest standing kart company in the UK. John had raced MGA sports-cars before building his own Villiers powered kart in August, 1959. Soon he was supplying other enthusiasts with spare parts from his home in Worksop. In 1964 he began importing Saetta motors built by Giovanni Parrilla. The relationship with Giovanni's family would last for more than 40 years.

11 years ago JM Racing moved from Worksop to their current premises at PF. They are now UK importers of IAME engines and the RK kart manufactured by Birel. John's son Mike runs the business along with his cousin, James. Since 2002 JM has organised the Little Green Man Series for cadets that attracted over 70 participants in 2014.



LEGAL SERVICES

Jamie Champkin Motorsport Lawyer (National and International)

Little Moat House, Abbots Salford, Worcs WR11 8UT

Emergency Mobile: +44(0)7880 965001

Tel: 01386 871287

Email jamie@champkin.uk.com

Web: www.champkin.uk.com

A lawyer who is also a competitor. I provide full commercial, and regulatory advice services throughout the sport for competitors, constructors, teams, sponsors, managers, clubs and officials. I was Clerk to the UK motorsport tribunals for many years. I provide representation at FIA, MSA and any ASN Courts.

LUBRICANTS (DRIVEN)

Anglo American Oil Company

Sandford,

Wareham, BH20 7QE

Tel: 01929 551557

Fax: 01929 551567

Email: info@aaoil.co.uk

Web: www.aaoil.co.uk

Anglo American Oil Company Ltd was founded in 1999 to supply high performance quality oils and racing fuels to the racing industry. Our modern blending plant and warehouse facilities are ideally situated to quickly dispatch specialist lubricants on a next day service.

We represent Driven Racing Oil and R racing brake fluids in Europe. Our wide range of products and excellent technical knowledge mean that we can cater for any oil related query. We also distribute on an exclusive basis Sunoco and R racing fuels in Europe and the Middle East and are the official fuel of many UK and European championships. In addition to the racing oils and fuels we are the exclusive distributor of PJ1 track compound in Europe. PJ1 (formerly VHT) is a must for all drag racing strips for ultimate grip off the start line.



MACHINERY

Baileigh Industrial Ltd Metal Fabrication Equipment

Unit 1, Fullwood Close,

Aldermans Green,

Industrial Estate,

Coventry, CV2 2SS

Tel: 02476 619267

Email: sales@baileighindustrial.co.uk

Web: www.baileighindustrial.co.uk

Baileigh Industrial is a manufacturer and distributor of world-class metal fabricating machinery. Based in Coventry we hold in stock over 750 machines and associated tooling with a large working demonstration area. Our huge range includes tube benders, mandrel benders, tube notchers, roll benders, band saws, cold saws, metal shaping machines, power hammers, ironworkers, plasma tables and much more.

With such a range of machinery, and a dedicated sales team to advise you, Baileigh Industrial offers:

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MOTOR RACE CIRCUITS

Llandow Circuit

Llandow, Cowbridge, Vale of Glamorgan, CF71 7PB

Tel: 01446 796460

Email: info@llandow.com

Web: www.llandow.com

Situated just 20 minutes west of Cardiff, Llandow Circuit is a privately owned and family run venue with a flexible approach and a 'can do' attitude. This makes it the perfect venue for all types of motor related events including car and bike testing, track dates, sprints and exclusive hire. Llandow is a technically challenging tarmac circuit 1450 long and 9m wide with smooth tarmac surface and a good selection of corners. It has an MSA National B Sprint License. It is the perfect venue for corporate hospitality events with a neighbouring MSA Karting centre together with a caravan and camp site. Contact: Sharon Evans

Santa Pod Raceway

Airfield Road, Podington,
Wellingborough,
Northants, NN29 7XA
Tel: 01234 782828
Fax: 01234 782818
Email: info@santapod.com
Web: www.santapod.com



The home of European drag racing and host to the FIA European Drag Racing Championship. Corporate hospitality available. Regular specialist car and bike events including RWYB public test days where the public can try their hand at racing their own car or bike with personal performance print outs. Track and timing facilities available to hire for Formula 1 testing, car clubs and corporate groups. Central location close to junction 14 and 15 of the M1.

OIL COMPANIES

Millers Oils Ltd

Brighouse, West Yorkshire, HD6 3DP
Tel: 01484 713201
Fax: 01484 721263
Email: enquiries@millersoils.co.uk

Millers Oils Ltd. have been making quality lubricants and fuel additives for over 125 years. Producing at a single UK location the company employs over 115 people and sells to over 35 countries.

Strong motorsport collaborations ensure a flow of new products at the cutting edge of automotive technology.

Low friction Nanodrive technology is used by Millers in Motorsport engine and gear oils. The technology helps release more power from the engine and reduces component wear.

In 2009 the company was awarded the "Most Innovative Product" at the World Motorsport Symposium for its ground breaking Motorsport gear oils.



Petrochem Carless

Petrochem Carless UK Head
Office Cedar Court,
Guildford Road, Leatherhead,
Surrey KT22 9RX
Tel: 07966 437566
Email: mjardine@h-c-s-group.com
Web: www.petrochemcarless.com



Petrochem Carless is one of the world's leading refiners and suppliers of speciality hydrocarbons and automotive fluids. Its versatile Harwich refinery houses Europe's most modern and flexible specialist fuel blending plant.

CarlessTM is at the leading edge of 'green' fuels technology and its products are produced to precise specifications with delivery to almost any destination worldwide.

Contact: Mike Jardine

PADDLE SHIFT SYSTEMS

Pro-Shift Technologies Ltd

Unit 3 Heyes Industrial Estate,
Anglers Lane, Spondon,
Derby DE21 7NT
Tel: +44 (0)1332 668100
Fax: +44 (0)1332 668125
Web: www.proshift.com
Email: info@proshift.com

Pro-Shift Technologies Limited design and manufacture a range of bespoke Championship winning Electronic Paddle Shift and Button Shift Systems. Available for all sequential applications, only the best quality UK materials are used to ensure a first class product with an amazing documented gearshift time of a mere 20 ms (milliseconds). Gearshifters are currently available for Rallying, Racing, Hillclimb, Endurance and Superbikes to list only a little of the vehicle range covered. "One off" specialist designs and installations are always welcomed by the Pro-Shift trained technical team. Why not get in touch and let Pro-Shift help you shift your expectations in 2015.



RACE/RALLY SCHOOLS

Phil Price Rally School

Coed Harbours,
Llangunllo, Knighton,
Powys, LD7 1TD

Tel: 01547 550300

Fax: 01547 550315

Email: info@philprice.co.uk

Web: www.philprice.co.uk

Founder member of the British

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Recognised by MSA. Our authentic

Welsh venue offers genuine forest

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with the use of two rally stages you get loads of hands-on

driving. Our team of professional instructors makes sure

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majority of the day is spent hands-on practising; you also

have a co-driven experience with practice-note instruction,

a high-speed passenger 'ride of a lifetime' and finish the day

with competitions, then trophy presentation. We offer:

- One-day rally-driving courses
- Corporate/group days
- BARS assessment exams
- Testing facilities



RACE CAR MANUFACTURE

MCR Race Cars Ltd

Unit 12,

Broadlands Enterprise Park,

Nine Wells, St. Davids,

Pembrokeshire SA62 6BR

Tel: 07771 762145

Email: sales@mccracecars.co.uk

Web: www.mccracecars.co.uk

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Contacts: Clive Hayes



RACE CAR PREPARATION

Julian Godfrey Engineering

Unit 5 & 6,

Ghyll Industrial

Estate, Heathfield,

East Sussex

TN21 8AW

Tel: 01435 865999

Fax: 01435 865947

Email: frances@racetuners.com

Web: www.racetuners.com

Julian Godfrey Engineering offers a complete engine-building service, from bare machining work to fully built, dynoed race engines. Primarily, we specialise in rallycross engines for all divisions in the British, European and Global championships. We also support many rally and hillclimb teams with engine and transmission servicing and repairs.

We design and manufacture bespoke components using our four-axis CNC milling machine supported by top-of-the-range 3D CAD, CAM packages. Making anything from billet bellhousings to alternator brackets.

We also specialise in the installation and set-up of Pectel engine management systems, which can be tested along with your engine on our superflow 902 dynamometer. Our sales department carries large stocks for all of our rallycross spec engines and much more. Visit the shop on our website for more information.

Contact: Ayesha Godfrey



LMA Autoparts Ltd

Unit 15 Trinity Centre,

Wellingborough,

Northants NN8 6ZB

Tel: 01933 778335

Fax: 01933 778341

Email: info@motorsport-engineering.com

Web: www.motorsport-engineering.com

Motorsport Engineering are the manufacturers and distributors to the trade of LMA products, SW gauges & Speedwell Classic Mini accessories. LMA product ranges are Gauge fittings & pipelines – Electrical accessories – Stainless braided rubber & PTFE hoses – Silicone hoses – Clips & joiners in zinc plated or stainless – Ball joints & rod ends – Stainless braided brake, clutch & turbo hoses – Motorsport Essentials. Gauges, Speedwell products include gauge fittings & stainless accessories LMA is a registered trademark.



RACEWEAR

Grand Prix Racewear

Unit 1 Silverstone

Tech park,
Silverstone Circuit,
Silverstone,
Northants NN12 8TN
Tel: 08435 070 855

Email: www.gprdirect.com

Web: info@gprdirect.com

In our headquarters at No.1 Silverstone Circuit, racing is our passion, and helping you to beat the opposition is one of our core values, it's what drives us to excel in providing the most recent, high quality race wear that the industry can offer. We pride ourselves on making sure that each time you go to race, you feel confidently equipped with cutting-edge gear, from some of the top manufacturers in the industry. Grand Prix Racewear was given a new image in 2009 with the ownership of the Hines family, who hold an array of achievements in world, European, and British Championships, in the fields of Karting, Single Seaters, GT and British Touring Cars



Mode Racewear

Unit 23 Silverstone Tech
Park, Silverstone Circuit
NN12 8TN

Email: Roger@moderacewear.co.uk

www.moderacewear.com

Mode Racewear are a specialist Racewear supplier based at Silverstone Circuit UK.

We supply Racewear from many leading brands including Sabelt, Koden and Hedtec.

All of our Racewear complies to the latest FIA/MSA Standards for use in the UK or internationally. We also specialise in supplying teams and drivers with made to measure suits in team/sponsors liveries. We have supplied many teams and drivers from club level up to BTCC and Blancpain endurance championships. Mode Racewear also supply HANS devices, Harnesses and FIA Racing Seats as well as a range of CMR Helmets for Junior Karters. You can shop securely online at www.moderacewear.com or by phone if you want some friendly expert advice from our team.

Contact Roger Butler 01327 858349.



YB RACING

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twitter: [yb_racing](https://twitter.com/yb_racing)

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Website Discount Code for MSA members: MSA14

eBay Store: <http://stores.ebay.co.uk/ybracing>



Company Profile: We have been a dedicated OMP Racing dealer for over 10 years. We stock the full range of OMP products and have a fast efficient service from the OMP factory in Italy.

OMP products are used in Formula 1, Rally, Race and Touring Car Championships, whilst top racing drivers from all around the globe rely on OMP racewear in international motorsport competitions. We sell the entire range of OMP products including seats, harnesses, roll cages, steering wheels, hubs, clutches, brakes and also their World renowned racewear that includes FIA homologated race suits, gloves, boots, underwear, helmets, balacavas and a vintage range for classic racers.

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We are looking for new drivers and teams to sponsor for the season so contact us now to see where we can support you.

We have a discount scheme set up for all MSA license holders and competitors. See discount code above.

Contact: Mark Yates



Plays Kool Motorsports Ltd

Unit 5, ESP Commercial Centre,
Prospect Road, Crook,
Co Durham, DL15 8JL
Tel: 01388 762288

Web: www.plays-kool.co.uk

Playskool Motorsport are Sprint and Hillclimb specialists having won two British Sprint Championships. We are also the sole importers and distributors of Racelidz Racewear. This includes FIA Racesuits, Snell & FIA approved Helmets, FIA Gloves, boots and Nomex Underwear. All Racewear is made to meet the required specification for MSA use. Everything we provide is of good quality and for exceptional value for money! We are the Sole UK distributor for Works Bell products, which include the Rapfix Racing quick release boss as used on the Prodrive WRC Mini's. We also have 'in house' fabrication facilities and produce a vast range of Kitcar products. For more information please contact the team on 01388 762288 or visit our online shop at www.plays-kool.co.uk



RADIATORS

Pro Alloy Motorsport

15 Rookwood Way, Haverhill,
Suffolk CB9 8PB

Tel: 08452 267561

Fax: 08452 267591

Email: sales@proalloy.co.uk

Web: www.proalloy.co.uk

Pro Alloy Motorsport designs and manufactures specialist alloy racing components. Alloy racing radiators including high-performance replications of original parts, high-performance intercooler kits, alloy header tanks and race specification alloy tanks/ fuel cell containers.

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Contact: Alex Osbourn



RALLY CAR EQUIPMENT

West Wales Rally Spares

Unit 4,
Park Menter,
Llandysul,
Carmarthenshire SA44
4JL

Tel: 01559 363731

Fax: 01559 363308

Email: sales@westwalesrallyspares.co.uk

Web: www.westwalesrallyspares.co.uk

Established in 1990 West Wales Rally Spares formed by Gareth Lloyd who is currently an active and successful competitor in the HRCR stage championship, having achieved three outright championship titles and one runner-up in the past Four years.

He also prepares customer cars as well as his own and therefore has hands-on experience on fitting the components he markets, which he is very happy to advise potential customers on technical queries and advice. Gareth is ably assisted by the following

Linda Lloyd (Gareth's wife) in admin who looks after the accounts & has been involved with the company from the outset. Mike Bowen in sales who has more than 25 years experience in this industry and he again has a wealth of hands-on rallying experience co-driving at top level for many years. Nigel Davies in Sales also a keen competitor with experience in driving & co driving road & stage rallies. He has also prepared all his own cars which provides invaluable hands on experience.

West Wales Rally Spares have recently moved into a purpose built 8,000 square feet unit with a dedicated showroom area to continue to expand their product range and are committed to providing quality products at affordable prices. We offer next day mail order service mainland UK and export worldwide.

Contact: Gareth Lloyd



DMS technologies

Belbins Business Park, VARLEY RED TOP™
Cupernham Lane,
Romsey, Hampshire,
SO51 7JF

Email: dc@dmstech.co.uk

Web: www.dmstech.co.uk

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Contact: David Claxton



Summit Technologies

38 Cornhill Avenue, Hockley,
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Tel: 0845 257 0252

Email: info@summittech.co.uk

Web: www.summittech.co.uk

Summit Technologies provide award winning technology solutions to individuals and companies within the motorsport community, specializing in the manufacture of Human Interface Systems for Race Drivers and race Teams throughout the world.



Our UK designed and built 'RAPTOR' wireless control system has been nominated for two design accolades and our previous systems have won numerous magazine awards.

We retail out systems direct to the public through our website, and via a network of top retailers through the world. We are also an OEM supplier to major manufacturers in the UK looking for bespoke control surfaces and systems.

Our mission is to provide cutting edge design and functionality to critical interface products for the motorsport community, and to achieve this with a 'Club Level' budget in mind.

RALLY CAR PREPARATION

Mortimarine

10 Bayton Way,
Bayton Road Industrial Estate,
Coventry,
West Midlands, CV7 9ER
Tel: 02476 362509
Fax: 02476 644482

Email: mortimarine@talktalkbusiness.net

Web: www.mortimarineproducts.co.uk

Mortimarine Products Ltd manufactures a complete range of fabricated rally parts for MK1/II Ford Escorts. We have been making World Cup Cross Members since 1978. The photograph shows part of our range, which includes Mk1 twin cam anti-roll bars, sump guards, strut braces, twin cable throttle linkages, seat mountings, rally accessories and body fasteners. Sump and tank guards are also made for Vauxhall Nova/Corsa, Peugeot 205 and other cars.

To date, we have concentrated on supplying the trade, but because of the recent influx of cheap foreign parts, we are now selling direct to the public as well under our trading name Press Fab via our new website, www.mortimarineproducts.co.uk.

Originators and manufacturers of Retained Bonnet Pins, British Patent No 2089877.

Contact: Ken Mortimer



RALLY PLATES/SIGNS

Macro Motorsport

Tel: 0800 567 7381

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Email: sales@macromotorsport.net

Web: www.macromotorsport.net

Macro Motorsport – who else understands what you need and when you need it by?

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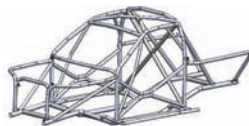
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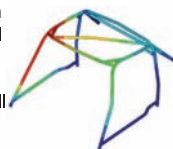
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Contact: Matthew House (sales)



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Web: www.primamotorsport.com

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Web: www.ebpglobal.com

Electron Beam Welding. Manual and automated TIG welding, non destructive testing, precision machining and design advisory service. Since 1966, EBP Ltd have been supporting the motorsport sector with a first class service in the field of electron beam welding. The process is also supported by conventional TIG welding and with their in-house non destructive testing capability, which includes X-Ray, they can offer a turnkey service. EBP's precision machining service also enables them to offer a make complete service, where particular attention can be made to the component geometry pre and post weld. For those who wish to manufacture the components themselves, EBP's design advisory service will ensure that their customers fully appreciate the pre and post weld requirements needed to utilise this excellent method of metal joining and will also allow designers to realise and achieve their design ideas. Associated applications for this process are transmission parts, pressure vessels, suspension components, etc.

Contact: Adrian Pragnell



Electron Beam Processes Ltd



WHEELS

Speedlines

SL Corse Ltd

**Haybrook Industrial Estate,
Telford TF7 4QW UK**
Tel: 01952 582825
Fax: 01952 582821
Email: info@speedlinecorse.co.uk
Web: www.speedlinecorse.co.uk

The Strength of Experience.

The specialist motorsport division of one of the World's premier wheel manufacturers, Speedline Corse's advanced production processes, including our unique flowforming technology, have enabled us to supply premium racing and rally wheels for leading motorsport teams and car manufacturers since 1975.

Speedline Corse customers have won 72 FIA sanctioned world championship titles to date as well as countless national and regional championships across the globe.



Revolution Wheels International Ltd



**Unit 1D, Oaklands Farm, Higham Lane, Wykin Village,
Leicestershire. LE10 3EF. UK**
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Fax: +44 (0) 1455 635967
Mobile: +44 (0) 7702 845264
Email: info@rwil.org.uk
Web: www.revolutionwheels.com

Revolution Wheels was formed in 1967 and over its 48 year history has supplied some of the most prestigious drivers & teams throughout the world of motorsport. The company has continued to offer its iconic 4 Spoke, 5 Spoke & RFX models but has adapted them to utilize modern day technologies such as Flow-Forming as well as advances in material and heat treatment technology. 2015 will see the addition of a new 5 Spoke Flow-Formed range as well as a new 17" Flow-Formed touring car wheel.

WIRE WHEELS (BORRANI WIRE WHEELS)

Longstone Tyres

Doncaster Road, Bawtry,

Doncaster DN10 6NX

Tel: 01302 711123

Fax: 01302 710113

Email: sales@longstone.com

Web: www.longstone.com



Longstone Classic Tyres are the UK distributors for "Ruote Borrani Milano" Alloy rimmed wire wheels for classic competition cars. Longstone Tyres are the only way to get Borrani wheels correctly rebuilt to maintain originality. Longstone Classic Tyres also supply a wide range of classic and vintage tyres including competition tyres such as Dunlop Racing, Avon CR6ZZ and Michelin TB15

USEFUL ADDRESSES

Association of Motorsport Recovery Operators (AMRO)

15 Plough Road, Goytre, Pontypool, Gwent NP4 0AL

Tel: 01873 981043

Web: www.amro.org.uk

Contact: Richard Shorey (secretary)

Autograss Racing: The National Autograss Sports Association

53 Andrew Drive, Haywood Oaks,

Bridworth, Notts NG21 0TX

Tel: 01623 796494

Web: www.national-autograss.co.uk/contact

British Lawn Mower Racing Association Ltd

Hunt Cottage, Wisborough Green,

Billinghurst, West Sussex RH14 0HN

Tel: 01403 700220

Email: info@blmra.co.uk

Web: www.blmra.co.uk

Contact: Jim Gavin, president and general secretary

British Motor Sport for the Disabled (BMSAD)

Tel: 01923 265577

Email: david@justwebs.co.uk

Web: www.bmsad.co.uk

The British Motor Sports Association for the Disabled (BMSAD) was formed in 1987 to assist motor sport enthusiasts with a disability, or any other medical conditions, to obtain competition licences from the MSA and participate in all forms of motor sport.

If you come into this category and think your personal circumstances might preclude you from holding a competition licence, please contact us for advice and assistance.

Contact: David Butler

British Trial and Rally Drivers' Association

Woodlands, Anthony's Cross, Newent, Glos GL18 1JF

Tel: 01531 820761

Web: www.btrda.com

Contact: Simon Harris

CIK-FIA

(Commission Internationale de Karting)

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Federation Internationale de Motorcyclisme

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FOM

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Fax: 020 7589 0311

Forestry Commission

231 Corstorphine Road, Edinburgh EH12 7AT

Tel: 0131 334 0303

Fax: 0131 334 3047

Motor Cycle Sport: The Auto Cycle Union

ACU House, Wood Street, Rugby CV21 2YX

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Fax: 01788 573585

Email: admin@acu.org.uk

Web: www.acu.org.uk

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Fax: 01636 370001

Email: enquiry@wildlifetrusts.org

RSAC Motorsport Ltd

P0 Box 3333, Glasgow G20 2AX

Tel: 0141 946 5045

Email: mail@rsacmotorsport.co.uk

Web: www.rsacmotorsport.co.uk

Society of Automotive Engineers

Finance and Accounts, P0 Box 13312, Birmingham B28 1BG

Tel: 0121 270 6592

Web: www.sae.org

Society of Motor Manufacturers & Traders (SMMT)

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Fax: 020 7235 7112

Web: www.smmt.co.uk

Speedway Control Bureau

ACU House, Wood Street, Rugby, Warwickshire CV21 2YX

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Web: www.scbgb.co.uk

Sport and Recreational Alliance

Burwood House, 14-16 Caxton Street, London SW1H 0QT

Tel: 020 7976 3900

Web: www.sportandrecreation.org.uk

Sport England

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Bloomsbury Square, London WC1N 4SE

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Web: www.sportengland.org

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Part 5:

Licensed Officials

Alphabetical listings for

Licensed Technical Officials

Appendix 5(f)

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Appendix 5(h) – Timekeeping Officials

Alphabetical listings for

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