

MUSCLE DIVISION

2008

Sporting and Technical Rules

Administered by
Muscle Division

A category of the
Independent Race Series

**MUSCLE
DIVISION**

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INDEPENDENT
**RACE
SERIES**

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Introduction

Welcome to the 2008 Muscle Division Championship. A national championship for 'Tin Tops' from all walks of life. Racing in Muscle Division you will find a huge variety of cars, a range of performance levels, and racing for almost any budget.

Cars range from 3.3 Litre Holdens (including the ever popular HQs and Kingswoods), V8-powered Ford and Holden Utes, Commodore Cup cars, Sports Sedans, Improved Production, Japanese Turbos and even Classic Touring Cars.

As you can imagine, not all of these cars are created equal, so to make the playing field a little more level, and to ensure that everybody has the opportunity to stand on the podium, the racing is conducted in a handicap format. The fastest cars start last, and sometimes have almost a full lap to make up on the slower cars over the course of the race.

The handicap format has a number of benefits - it allows everyone a chance at victory, it makes for thrilling racing, and some amazingly nail-biting final laps, and it is fantastic for driver development. For the drivers of the faster cars, they get more chances to practice their overtaking than practically any other type of racing, and for the drivers of the slower cars, it helps them build their situational awareness - that mental picture of what is going on around them, and can do wonders for their defensive and tactical driving.

All of this combines to make Muscle Division a wonderful "driver's category", and its a coup for the fans as well because it produces some of the most intense racing action you can find anywhere.

Muscle Division. Tough racing. Fair racing. Real racing. Make sure you check it out in 2008.

1. Sporting Rules - General

1.1 Title

1.1.1 The 2008 Muscle Division Championship is a National Championship. The Championship will be run as part of the 2008 Independent Race Series (iRace).

1.2 Officials

1.2.1 Series Competitor Liaison	:	Mr Rod Dale
1.2.2 Category Director	:	Mr Rod Dale
1.2.3 Category Public Relations	:	Mr Sam Dale

1.3 Other Relevant Documents

1.3.1 The Muscle Division Championship will be run as part of the 2008 Independent Race Series. Meeting Rules, and Further Rules, promulgated for each round of the Championship will contain information relevant to Muscle Division competitors and personnel.

1.3.2 The Muscle Division Championship will be run as part of the Independent Race Series. The 2008 iRace competition rules will be in force at all events.

1.3.3 Race meeting, and race procedures will be in accordance with the procedures and regulations outlined here, as modified by the documents listed at paragraphs 1.3.1 and 1.3.2

1.3.4 It is the responsibility of the competitor to obtain and be familiar with all relevant documents as described here, and promulgated from time to time.

1.3.5 Special bulletins may be issued throughout the year. Bulletins will either be delivered to competitors at race meetings, or promulgated via the official iRace website: www.iRace.net.au

1.4 Registration

1.4.1 There is no stand-alone registration fee. To be considered registered for the 2008 Muscle Division Championship and eligible for points, competitor giveaways available from time to time, and trophies and other awards, competitors must complete a 2008 Driver Profile form, available from the Admin section of the iRace website.

1.4.2 Competitors must be registered to accumulate points in the Muscle Division Championship.

1.4.3 The Category Director reserves the right to refuse entry to any competitor and/or vehicle not complying with the spirit of the category, without explanation.

1.5 Calendar

1.5.1 The 2008 Muscle Division Championship Calendar is as follows:

ROUND 1 Oran Park, NSW
 ROUND 2 Morgan Park, QLD

11 October 2008
 15-16 November 2008

1.6 Pointscore

1.6.1 **Outright Round Points.** Round points will be awarded for each competitor as follows:

1.6.1.1 **Qualifying** – position in CLASS - points awarded from TABLE 1, position OUTRIGHT – points awarded from TABLE 2.

1.6.1.2 **Race 1** – position in CLASS – points awarded from TABLE 1, position OUTRIGHT – points awarded from TABLE 2.

1.6.1.3 **Race 2** – OUTRIGHT finishing position – points awarded from TABLE 1.

1.6.1.4 **Race 3** – OUTRIGHT finishing position – points awarded from TABLE 1.

1.6.2 If a handicapped race (Race 2 or Race 3) is stopped by use of a red flag, or a safety car is deployed, points will be allocated as follows:

1.6.2.1 **< 1/3 Race Distance** – restart where possible, otherwise nil points allocated.

1.6.2.2 **1/3 to 2/3 Race Distance** – nil points allocated.

1.6.2.3 **>2/3 Race Distance** – half points allocated

1.6.3 For the purpose of points allocation, the race distance will be calculated as per official race results.

1.6.4 **Class Round Points.** Class point score will be determined by the allocation of points from TABLE 1 for all races. Full points will be awarded for class placings in Race 1, Race 2 and Race 3 regardless of Safety Car or Red Flag intervention.

1.6.5 TABLE 1

Place	Points	Place	Points	Place	Points
1	60	6	30	11	14
2	54	7	26	12	12
3	48	8	24	13 – 15	8
4	42	9	22	16 – 20	4
5	36	10	18	21 – 40	2

1.6.6 TABLE 2

Place	Points	Place	Points
1	10	6	5
2	9	7	4
3	8	8	3
4	7	9	2
5	6	10	1

1.7 Awards

1.7.1 Awards will be at the discretion of the Category Director.

1.7.2 Unless otherwise determined by the Category Director, awards will be given for the top three outright placings. Where the number of competitors in a particular sub-category is three or greater, a separate award for the round winner of that sub-category will be presented. Where the number of competitors in a sub-category is six or greater, awards will be presented for first, second and third placings for the round for that sub-category.

1.7.3 Awards for the season outright and sub-category pointscores will be given to the championship placegetters in accordance with paragraph 1.7.2.

1.8 Championship

1.8.1 The Outright pointscore for the Muscle Division Championship will be determined by adding the points for each round. The competitor with the highest number of points will be awarded first place in the Championship. In the event of a tie, the higher position will be awarded to the competitor with the greater number of wins (or if number of wins is the same, to the competitor with the greater number of second places, or third places and so on). If the positions are still tied, the higher position will be awarded to the competitor with the better finishing position in the last event.

1.8.2 Class pointscores will be determined in accordance with the procedure outlined at para 1.8.1

2. Sporting Rules – Race meetings and Race procedures

2.1 Scrutineering

2.1.1 Scrutineering paperwork must be completed before the vehicle is scrutineered. An approved circuit racing licence and iRace Vehicle Logbook must be provided for inspection.

2.1.2 Scrutineering of vehicles will take place on Saturday and Sunday mornings. The exact timing and location of vehicle scrutineering will be advised in meeting rules.

2.2 Driver's Briefing

2.2.1 The Clerk of Course will conduct a driver's briefing at each round of the Championship. Attendance at the briefing is compulsory, and non-attendance may attract a fine or other penalty.

2.3 Practice Starts

2.3.1 Practice starts may only be conducted at the exit of pit lane.

2.4 Unofficial Practice

2.4.1 On the Friday immediately preceding each round of the Championship, the circuit will normally be available for unofficial practice (or in the case of a three day meeting, official practice – refer section 2.5.). A minimum of 2 x 20 minute unofficial practice sessions will normally be scheduled.

2.5 Official Practice

2.5.1 Official practice will normally be scheduled during Saturday morning of each round of the Championship. Official practice will be scheduled for a minimum of 1 x 15 minute session.

2.6 Official Qualifying

2.6.1 Official qualifying will normally be scheduled during Saturday afternoon of each round of the Championship. Official qualifying will be scheduled for a minimum of 1 x 15 minute session.

2.7 Grid Allocation

2.7.1 **Race One.** Grid positions for Race 1 will be allocated according to times set in qualifying. The fastest lap time recorded will be allocated position 1, 2nd fastest lap time position 2, etc until the grid is complete. Any competitors who failed to record a qualifying time may start Race 1 from rear of grid at the discretion of the Clerk of Course.

2.7.1.1 The grid sheet for Race 1 will be generated and issued by the Chief Timekeeper at each round.

2.7.2 Race Two and Three (Handicap) Grid positions for Race 2 and Race 3 will be determined by times recorded in Qualifying or the lap time nominated (Point 2.7.3) and/or any known driver/car/circuit performance and will be at the sole discretion of the Category Handicapper.

2.7.2.1 The grid sheet for Race 2 and Race 3 will be generated by the Category Handicapper and issued by the Chief Timekeeper at each round. Each handicap grid sheet will include the following information.

2.7.2.1.1 Vehicle number and driver name.

2.7.2.1.2 Grid position each vehicle is to start from.

2.7.2.1.3 Indicate if the vehicle or group is to start from scratch or a number indicating the handicap group allocated.

2.7.2.1.4 The number of seconds handicap each group will be held following the commencement of race start for the scratch group.

2.7.3 Laptime Penalty (Two Percent Rule). Any competitor whom improves his/her race lap time by 2% or greater from qualifying will be penalized a minimum of 30 seconds. If the circuit is wet for qualifying but is dry for any of the races, no penalty will be imposed. Any driver who fails to qualify or has difficulty during the qualifying session may nominate a time for the purpose of the handicap races. At the discretion of the organizers, allowances may be made for rookie competitors.

2.8 Safety Car

2.8.1 A safety car may be used during all races in accordance with the 2008 iRace rules. Where possible and safe to do so, the safety car will maintain not less than 60km/h on the straights.

2.9 Race Format

2.9.1 Each round of the Championship will include 3 races as follows:

2.9.1.1 **Race One** will be a scratch race of 5 laps duration.

2.9.1.2 **Race Two** will be a handicap race of approximately 20 km distance.

2.9.1.3 **Race Three** will be a handicap race of approximately 25 km distance.

2.10 Start Procedures

2.10.1 **Race One (Scratch).** Race 1 will be a standing start as per 2008 iRace National Competition Rules for Standing Starts except that the 2 minute, 1 minute and 30 second boards will be displayed in the marshalling area or pit lane exit. Once the vehicles proceed onto the circuit, 1 warm up lap will be completed. Following the warm up lap all vehicle must stop on the allocated grid positions for the race start. Once the grid is set, the 5 second signal will be shown followed by lights on / off and race start.

2.10.2 **Races Two and Three (Handicap).** Race 2 and Race 3 will be a HANDICAP START with grid positions allocated as per Point 2.7.2

2.10.2.1 The start procedure will be as per 2008 iRace Rules for Handicap Starts except that the 2 minute, 1 minute and 30 second boards will be displayed in the marshalling area or pit lane exit. Once the vehicles proceed onto the circuit, 1 warm

up lap will be completed. Following the warm up lap all vehicle must stop on the allocated grid positions for the race start.

2.10.2.2 From the edge of the circuit a large number board extended on a pole will be displayed indicating the group number for the race start. The first group after scratch will be Group 1, the second group will be Group 2, etc.

2.10.2.3 Once the grid is set, the 5 second signal will be shown followed by lights on / off for the scratch group.

2.10.2.4 Following the start for the scratch group, each group will be held for the designated time as indicated on the grid sheet. The number board will be displayed in front of the foremost vehicle in each group. **Once each group commences racing the number board for the following group will be raised. This is the indication that the following start procedure is for that group.**

2.10.2.5 Unless otherwise advised during the drivers briefing, the start for each subsequent group will be indicated by use of lights. The lights for each group will be on approx 3-5 seconds prior to race start for that group. Once the lights are extinguished this shall be the race start signal for that group.

2.10.2.6 The Clerk of Course may, for safety reasons, release the final group(s) prior to the designated handicap time. No penalty, adjustments or discussions regarding the early release will take place.

2.10.2.7 It may be necessary for 1 or more handicap groups to commence the race 1 or more laps behind others, due to lap times, race distances, etc. If this handicap is required, it will be indicated on the grid sheet.

2.10.3 **Jump Start.** If any vehicle leaves their designated starting position prior to the starting signal for their appropriate group, a time penalty for Jump Start will apply. At the discretion of the Clerk of Course and/or Stewards of the Meeting additional penalties may also apply.

2.10.4 **Starting from Pit Lane.** Any vehicle which has come under starter's orders (2 minute board), but is unable to take its place on the starting grid, may start the race from pit lane exit. The vehicle is not permitted to cross the speed de-restriction line until the last car has passed that position on the race circuit.

2.11 Oversubscribed Grid

2.11.1 In the event of entries exceeding approved track density, registered competitors will receive priority. Order of preference will then be determined by qualifying positions, with excess cars held as reserves.

2.11.3 If deemed appropriate (regarding number and makeup of entries) by the Category Director, the field may be split into two divisions. The split point would be based on a lapttime cutoff, with the faster cars placed in Division 1 and the slower cars in Division 2.

2.12 Parc Ferme

2.12.1 At the completion of any official qualifying session or race, at the direction of the Chief Scrutineer and/or Technical Commissioner, vehicles may be required to attend Parc Ferme. When directed, all vehicles must attend the Parc Ferme area, and not be accessed by any pitcrew, and must not be removed from the area unless authorised by the Chief Scrutineer.

Failure to comply with Parc Ferme procedures may result in exclusion from the event or other penalty.

3. Technical Rules

3.1 Introduction

3.1.1 Any modification or change not expressly permitted by these rules should not be carried out before consulting the Category Director.

3.1.2 Eligibility of vehicles not specifically mentioned in the following rules will be determined by, and is at the sole discretion of, the Category Director. Due regard will be given to the history of the car and its compatibility with other competing cars.

3.2 General Description

3.2.1 The Muscle Division Championship is open to vehicles in the following sub-categories:

3.2.1.1 Saloon Cars.

3.2.1.2 Commodore Cup Cars.

3.2.1.3 Improved Production / Sports Sedans.

3.2.1.4 V8 Holden and Ford Utes.

3.2.1.5 Vehicles of Japanese Origins – must have Japanese engine and body. This class will be divided into turbo and non turbo categories.

3.2.1.6 Classic Touring Cars.

3.2.1.7 3.3 Litre Holdens (including HQs).

3.2.1.8 GT Performance.

3.2.2 The category is also open to invited vehicles or additional classes at the discretion of the Category Director. All competitors agree to comply with the rules as published in these Championship rules and any amendments thereto.

3.2.3 In order to qualify for Championship points and awards, vehicles must comply with the technical rules of the particular sub-category. A master copy of the sub-category technical rules must be kept by the sub-category sponsor and lodged with the Category Director.

3.2.4 The sub-category technical rules may be amended from time to time via technical bulletin.

3.3 Safety Requirements

3.3.1 All cars must comply with the safety requirements of the iRace National Competition Rules. Particular items of note are:

3.3.1.1 **Seat.** A racing seat that complies with the iRace NCRs and relevant FIA standard must be fitted in the driver's position.

3.3.1.2 **Harness.** A harness must be fitted for the driver's position in compliance with the iRace NCRs and relevant FIA standard.

3.3.1.3 **Fire Extinguisher.** A fire extinguisher must be installed in accordance with the iRace NCRs.

3.3.1.4 **Window Net.** A window net that complies with the requirements of the iRace NCRs must be fitted to the driver's window.

3.3.1.5 **Rollover Protection.** Rollover protection must be incorporated in accordance with the requirements of the iRace NCRs.

3.3.1.6 **Headlamps.** Headlamps must have an adhesive film applied to minimise fragments in the event of breakage.

3.4 Chassis

3.4.1 It is a **mandatory** requirement that **all cars** have all major components crack tested and certified in accordance with the provisions of FIA Annexe K (Appendix IV & V). Such certification will remain valid for a maximum of 2 years from the date of the test. These documents should be available to be shown upon request at any time.

3.5 Bodywork: Free

3.6 Engine: Subject to subcategory requirements.

3.6.1 Permitted Modifications: Subject to subcategory requirements.

3.6.2 Location: Subject to subcategory requirements.

3.6.3 Oil/Water Cooling: Subject to subcategory requirements.

3.6.4 Induction Systems: Subject to subcategory requirements.

3.6.5 Exhaust Systems: Subject to subcategory requirements.

3.6.6 Ignition Systems: Subject to subcategory requirements.

3.7 Suspensions

3.7.1 Subject to subcategory requirements. Additionally, ACTIVE SUSPENSION, TRACTION CONTROL & ABS are prohibited. Any competitor found to be using traction control will be excluded from the Championship.

3.8 Transmissions: Subject to subcategory requirements. All cars must have an operational reverse gear.

3.9 Electrics: Subject to subcategory requirements.

3.10 Brakes: ABS is prohibited. Subject to subcategory requirements.

3.11 Wheels/Steering

3.11.1 Steering – Subject to subcategory requirements.

3.12 Weight

3.12.1 Subject to sub-category requirements.

3.13 Silencing: Free, subject to EPA requirements.

3.14 Fuel Tank/Fuel

3.14.1 Fuel tank type and location – subject to subcategory requirements.

3.14.2 FUEL: Commercially available Unleaded Pump Fuel (Gasoline), Avgas or ET102 fuel may be used. In the event the Category receives support from a fuel supplier, there may be a requirement for this to be used by all competitors and may be a control premium unleaded fuel.

3.15 Tyres

3.15.1 Subject to subcategory requirements, however the brand/supplier of tyres is free.

3.16 Numbers, Category Decals and Promotional Material:

3.16.1 Category Numbers will be allocated by the Category Director.

3.16.2 To be eligible to compete in a Championship Race and to obtain Championship points and / or prize and bonus money, competitors must comply with the following:

- a) **All race numbers must be of the correct size, on a clearly contrasting background.**
- b) **Tobacco advertising is completely prohibited on all cars, transporters and clothing.**
- c) Each car will be required to carry Category stickers as supplied by the Category Director. Positioning of Category stickers will be promulgated via bulletin. The top windscreen banner section must be made available for this purpose if specified by the Category Director.