

## RACING THE EARLY 60'S, SLOT CAR PROXY



CLOSED TOP SPORTS CARS



SMALL BRITISH TOURING CARS



SPORTS PROTOTYPE CARS



FORMULA 1 CARS

### Technical Rules (Consultation Document) - "Racing The Early 60's"

#### Slot Car Proxy

|                                 | Event 1                     | Event 2            | Event 3                                | Event 4                  |
|---------------------------------|-----------------------------|--------------------|--|--------------------------|
| Topic                           | Hard Top GT                 | Sports/ Prototypes | Touring cars                           | F1 /Indy<br>Rear Engined |
| Motor Orientation               | In Line                     | Free choice        | In Line                                | In Line                  |
| *Outer tyres wall width (track) | 55                          | 60                 | 50                                     | 55                       |
| Chassis Type                    | A                           | A & B              | A                                      | A & B                    |
| Clearance                       | 1.5mm                       |                    | 1mm                                    | 1.5mm                    |
| Min Wheels /tyre Diameter       | Front & Rear Min 19mm       |                    | To scale<br>Front & Rear same diameter | Front 19mm<br>Rear 20mm  |
| Tyre width                      | Front Min 5mm. Rear Max 8mm |                    |  | Rear Max 9mm             |
| Motor Type                      | Motors listed below         |                    |  |                          |

\* Outer tyre wall width will be measured and compared to actual wheel arch width, those cars with Outer tyre wall width which measure greater than the wheel arch width will be rejected.

### **Event 1 Hard Top GT (1963 to end 1967)**

Any Hard Top Sports GT which participated in any National or International competition.

### **Event 2 Sports/Prototypes (1963 to end 1967)**

Any Sports or prototypes cars which participated in any National or International competition.

### **Event 3 Small Touring cars (1948 to end 1965)**

Any small under 2 Litre Saloon Car which participated in any National or International Competition.

### **Event 4 F1/Indy cars (Between 1960 & 1965)**

Any rear engine open wheeled F1.

***Overall winner for each Event recognised.***

### **Entries**

3 entries are permitted in any of the 4 Events (one car per event)

### **Participating Construction Classes**

#### **1) Master build**

Any commercially available plastic moulded, resin, fiberglass, wood or 3d printed self decorated body Made to body Scale. Home made resin cast, wood carved or 3d printed bodies (dimensions must be provided on Registration). Mod RTR models are not permitted in this class.

NOTE:

(a) I will be using wikipedia or 1960's Model cars Scrutineer booklet) as my reference points for Scale widths and wheel tracking. Max Tolerance +1mm

(b) Minimum body weights with interior and glazing are 15gms for Sports, Prototype and Touring cars, 10gms for F1 cars (leading cars may be checked at the end of the series) Underweight bodies can add ballast under the upper body parts (eg engine cover or rear baggage cover) to meet min weight spec.

George Turner, Racing Replicas, OCAR Scale Replicas, PSR, Penelope Pitlane or similar Kits. Other body kits. TA71 Model kits are permitted, but must meet the minimum body shell with interior/glazing minimum weight requirement.

Free choice of motor mounts, axles, wheels, guides and gears etc.

***Chassis Type A ONLY for Events 1&3***

***Chassis Type A & B for Events 2 & 4***

## **2) RTR or Mod RTR**

Any Mass produced RTR (eg Scalextric, Carrera, SCX, Fly, Revell-Monogram, MRRC, Ninco, etc ) with free choice of motor mounts, axles, wheels, guides and gears etc.

*Chassis Type A ONLY for Events 1&3*

*Chassis Type A & B for Events 2 & 4*

**Models Not permitted in this proxy.**

*Slot it, Policar, NSR or Thunderslot.*

***Award for associated Construction Class Winner***

### **General Rules**

G1) Both classes must have models made close to 1/32nd scale.(Racer, Spirit or Vanquish models not permitted)

G2) No Procar standard Slot it, Policar, NSR or Thunderslot body and chassis parts. Motor Mounts permitted.

G3) All parts must be commercially available, apart from 3d printed bodies.

G4) No traction magnets allowed.

G5) Cars must be decorated inside and out with an appropriate period livery.

G6) Body mount screws must be covered and when loosened must fit flush with the bottom of the chassis.

### **Bodies, Windows and Interiors**

B1) Cars must start and finish each stage with matching body, realistic glazing and plastic interior. No blacked out glazing.

B2) Bodies must be a fully detailed and painted hard plastic moulding Cast resin or a 3d print. Lexan bodies are not allowed.

B3) Any scratch-build bodies must be within the same dimensional scale as any RTR available model within the Event lists. Oversize scratch-build models will be rejected.

B4) Minor bodywork trims and details such as mirrors, spotlights and aerials may be omitted.

B5) Interior must be of plastic or lexan with minimum of 3 dimensional representation of a driver & steering wheel. Printed card or paper is not permitted.

B6) Interior may be a lightweight alternative. Replacement interiors must be painted.

B7) Any factory fitted interior is legal

## **Chassis**

C1) Chassis types:

**Type A** – RTR or modified RTR chassis, Universal, 3d printed, Plasticard, Resin or Penelope Pitlane folded Etched Nickel.

**Type B** – Scratch build hand constructed chassis made from wire and brass plate or using Aluminium or steel chassis.

C2) Ballast (lead, Tungsten or Brass) can be placed anywhere on the chassis, but if underneath must be permanently glued or secured with fixings. Ballast which comes off from under or within a chassis during the series will not be replaced.

C3) Motors can be in fixed position or using a floating motor mount, any commercially available motor mounts permissible.

C4) The clearance requirement is from the track surface to the underside of any part of the chassis/ballast or motor between the back of the front wheels and the front of the back wheels.

## **Guides**

G1) The guide blade must be max 7mm depth (without braid fitted), 1.8mm and 20mm length. Sharp points or additional localised thickening might result in cars failing to run on some plastic tracks. Thick wood track guides are not permitted.

## **Motors**

M1) Motors must be from the list below.

M2) Motors must not be modified from manufacturer's specification.

M3) Motors must be mounted according to the Event requirements.

M4) Motors must not protrude below the chassis.

## **Compliance with the Technical Construction Rules**

*Cars which are received but do not fulfill the requirements of the Technical rules will be returned to their owners for adjustments unless the owner allows adjustments to be made by myself. If Non Conforming cars are received after the Registration deadline they may be omitted from the early Rounds until they are acceptable. Should any car not be deemed as possible to correct they can be replaced with an alternative car of the same Event & Class.*

*It is not intended to allocate any points penalties for this proxy, but if circumstances are forced then the penalties will be severe.*

| Motor Brand | Code/grade   | RPM /12volts |
|-------------|--|--------------|
| Fly         | Current Standard                                     | 18k          |
| MRRC        | Classic Slimline                                     | 18k          |
| Ninco       | NC-1   | 13k          |
| Pioneer     | Typhoon MT202602                                     | 18k          |
| Policar     | V12  | 13k          |
| Reprotec    | RT-9   | 13k          |
| Scalextric  | C8197, W9170   | 18k          |
| Scalextric  | Slim FF 18 Slimline                                  | 18k          |
| MR slotman  | Slimline   | 18K          |
| Aftermarket |  |              |
| H&R         | Rabbit   | 14k          |
| H&R         | Hawk   | 18k          |
| NSR         | Shark 20   | 20k          |
| Predator    | PRD130-18  | 18k          |
| Predator    | PRD050-15 Slimline                                   | 15k          |
| Predator    | PRD050-18 Slimline                                   | 18k          |
| Slot it     | V12/4 only those marked as DTM or with black wrapper | 21k          |
| Slot it     | Flat 6   | 20.5k        |
| PSR         | AC-6   | 20k          |
| PSR         | AC-1 Slimline  | 16k          |
| SRP         | Power 16   | 16k          |
| SRP         | Speed 18   | 18k          |
| SRP         | Speed 20 (S-can)                                     | 20k          |
| SRP         | Speed 20 (short can)                                 | 20k          |
| SRP         | SlimLine Speed20                                     | 20k          |

The rpm of cars will be measured on a rolling road relatively to similar cars with the same motors within each group. Those with excessively high rpm may be rejected.

## **Wheels and Tyres**

W1) Wheels and tyres must not protrude beyond body. All 4 wheels must touch the track surface.

W2) Cars must comply with Max width across axle and outer tyre wall for each Event.

W3) All wheels must have appropriate period plastic, resin or metal inserts fitted at the start of each stage. These can be an integral part of the wheel construction.

W4) Rubber or PU Tyres only, may be trued, glued and coated, but must be dry to the touch at the start of each stage.

## **Spares**

S1) For all Events spares components (eg braids, eyelets, guides, wires, pinions, crowns, axles, stoppers, screws, nuts, springs, weights, paints and decals) are free choice.

## **Suggested Car Model List (Can be any others which had RACED in any National or International Racing competition) during the periods listed in the Events above.**

| <b>Sports &amp; Prototypes<br/>(1963-1967)</b> | <b>Year</b> | <b>GT (Hard Top)<br/>(1963 to end 1967)</b> | <b>Year</b> |
|--|-------------|---|-------------|
| Porsche 718 GTR & WRS                          | 63          | Austin Healey Sprite                        | 63          |
| Lister Coupe                                   | 63          | Lotus Elite                                 | 63          |
| Ferrari Dino 196S                              | 63          | Alfa Romeo Giuletta Sprint Zagato           | 63          |
| Ferrari 330 TRI/LM                             | 63          | Sunbeam Alpine                              | 63          |
| Ferrari 330 P                                  | 64          | Porsche 356 Carrera GT                      | 63          |
| Ferrari 275 P                                  | 64          | Aston Martin DB4 GT Zagato                  | 63          |
| Iso Grifo A3C                                  | 64          | AC Cobra                                    | 63          |
| Maserati Tipo 151/3                            | 64          | Aston Martin DP214                          | 63          |
| Ford GT40                                      | 64          | Jaguar E Type Lightweight                   | 63          |
| Ferrari 330 P                                  | 64          | Jaguar E Type FHC                           | 63          |
| Alpine M64                                     | 64          | Aston Martin DP215                          | 63          |
| Ferrari 250LM                                  | 64          | Chevrolet Stingray C2                       | 63          |
| Elvin Courier                                  | 64          | Austin Healey 3000                          | 64          |
| Ferrari 365 P2                                 | 65          | Alfa Romeo Giulia TZ                        | 64          |
| Ferrari 275 GTB                                | 65          | Shelby Cobra                                | 64          |
| Rover BRM Turbine                              | 65          | MGB   | 64          |

|                              |    |                                |    |
|------------------------------|----|--------------------------------|----|
| Ferrari Dino 166 P           | 65 | Sunbeam Tiger                  | 64 |
| Austin Healey Sebring Sprite | 65 | Lotus Elan                     | 64 |
| Abarth 1000SP                | 65 | AC Cobra                       | 64 |
| Ford MKII                    | 66 | Porsche 904 GTS                | 64 |
| Chaparral 2D                 | 66 | Lotus Elite                    | 64 |
| Bizzarrini P538              | 66 | Shelby Cobra Daytona Coupe     | 65 |
| Bizzarrini GT 5300 Strada    | 66 | Porsche 904/GTS                | 65 |
| Ferrari Dino 206 S Coupe     | 66 | Alfa Romeo GiuliaTZ2           | 65 |
| Porsche 906LH                | 66 | Triumph Spitfire               | 65 |
| Matra MS620                  | 66 | Alpine A110 GT4                | 65 |
| Alpine A210                  | 66 | Cheetah GT                     | 65 |
| Marcos Mini GT               | 66 | Chevrolet Corvette Grand Sport | 65 |
| Porsche 906                  | 66 | MGB/MGC                        | 65 |
| Ford GTJ                     | 66 | Aston Martin DB5               | 65 |
| Elva Courier MKIV            | 66 | Porsche 911S                   | 66 |
| Genie MKX                    | 66 | Triumph TR4                    | 66 |
| Mclaren Elva                 | 67 | Triumph TR4A                   | 66 |
| Ford MKIV                    | 67 | Sunbeam Alpine                 | 66 |
| Chaparral 2F                 | 67 | Volvo P1800                    | 66 |
| Lola T70 MKIII               | 67 | Shelby GT350                   | 67 |
| Mirage M1                    | 67 | Ferrari 250 GTO                | 64 |
| Ferrari 330 P4               | 67 | Ferrari 250 SWB                | 64 |
| Ferrari 412P                 | 67 | Ferrari 250 Lusso Berlinetta   | 64 |
| Abarth 1300 OT               | 67 |                                |    |
| Matra MS630                  | 67 |                                |    |
| Lotus 47                     | 67 |                                |    |
| Costin Nathan GT             | 67 |                                |    |
| Chevron B4                   | 67 |                                |    |
| Potsche 910                  | 67 |                                |    |
| Mclaren M6A                  | 67 |                                |    |
| Mirage MK1                   | 67 |                                |    |
| Honker II                    | 67 |                                |    |
| King Cobra                   | 67 |                                |    |
| Chaparral 2G                 | 67 |                                |    |
| Cadwell D7                   | 67 |                                |    |
| Hamill SR3                   | 67 |                                |    |

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|--|----|---------------------|----|
| Maserati Tipo 151/2  | 63 |                     |    |
| Lola MK6 GT  | 63 |                     |    |
| <b>Small Touring cars (1950 to end 1965)<br/>Max body width 50mm</b> |    |                     |    |
| Triumph Herald Coupe   | 60 | Austin Mini         | 60 |
| Ford Anglia  | 60 | Broadspeed Mini     | 66 |
| Morris Minor   | 60 | Fiat Abarth 1000TC  | 65 |
| Riley 1.5  | 60 | Hillman Imp         | 66 |
| Volvo 122  | 60 | Mini Racing Pick up |    |
| MG Magnette  | 60 | Riley Relf          | ?  |
| Saab 93  | 60 | Mini Van            |    |
| Sunbeam Rapier   | 60 | Trabant             |    |
| Alfa Romeo Giulia  | 62 | Austin 1100         | 63 |
| Ford Lotus Cortina MKI   | 63 | Austin A35          | 58 |
| Ford Anglia Super  | 63 | Austin A40          | 58 |
| Morris Oxford MKIII  | 59 | NSU 1300TT          | 65 |
| Standard Vanguard ?/   | 60 | VW Type 1 (Beetle)  | 63 |
| <b>F1/Indy (1960 to end 1964)<br/>Rear Engine open wheel</b>         |    |                     |    |
| Lotus 18 Climax  | 60 | BRM P57             | 63 |
| Cooper T51   | 60 | BRM P61             | 63 |
| Cooper T53   | 60 | Brabham BT7 Climax  | 63 |
| Cooper T45   | 60 | Cooper T66          | 63 |
| Porsche 718  | 60 | Honda RA271         | 64 |
| Ferrari 156 Dino (Sharknose)   | 61 | Ferrari 1512        | 64 |
| Lotus 18/21  | 61 | BRM P261            | 64 |
| Cooper T55 Climax  | 61 | Lotus 33            | 64 |
| BRM P48/57   | 61 | Cooper T73          | 64 |
| De Tomaso F1/002   | 61 | Brabham BT11 Climax | 64 |
| Lotus 25   | 62 | Indy                |    |
| Cooper T60   | 62 | Lotus/ford          | 63 |
| Porsche 804  | 62 |                     |    |
| Brabham BT3  | 62 |                     |    |
| Lola MKIV  | 62 |                     |    |

|                 |    |  |  |
|-----------------|----|--|--|
| Lotus 24 Climax | 62 |  |  |
| Cooper T59      | 62 |  |  |
|                 |    |  |  |
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