



# Irish Global GT Lights 2012

## Starter Pack

## Global GT Light

## Championship

# 2012



## Introduction

Welcome to the world of Global GT Light motor racing. This guide aims to give you an outline of what is involved racing in the Global GT Light Class and give you an outline of the how to get involved and what you need to do. Cars are available for sale or to rent so getting into the class may not be too difficult.

## Global GT Light Background

### The Philosophy Behind Global GT Lights

The original idea behind the Global GT Lights racing car was to mate a simple yet effective racing chassis with a light but powerful motorbike engine. The class is designed to provide very close competitive racing in a national motor racing championship open to racers aged 16 and over who hold an appropriate competition licence.

### The Cars

It is a one-make championship, with all competing cars essentially identical. The spaceframe chassis is shelled with a fibreglass body, designed specifically for circuit racing and to produce downforce. The Global GT Light is powered by the 600cc engine from the Yamaha Thundercat motorbike, which produces 100bhp and revs to a maximum of 12,500 rpm. This proved to be an excellent car to race as well as being simply to run and service.

The Global GT Light is a purpose designed and built racing chassis, constructed from box tubular steel. It has a phenomenal power to weight ratio, low centre of gravity and with wings and slicks corners very effectively and safely. This is mated to a 600cc Yamaha Thundercat motorbike engine.

### Technical Specification

**Chassis:** Box tubular space frame construction, stressed aluminium alloy panels, anti-intrusion side structures.

**Body shell:** Quality GRP reinforced body panels. Front spoiler, rear twin-element adjustable wing.

**Engine:** Yamaha Thundercat 600cc DOHC 4-cylinder 16-valve engine, aluminium block, naturally aspirated, 100bhp @ 12,500 rpm.

**Suspension:** Double wishbone front and rear suspension. Öhlins dampers, coil over springs.

**Brakes:** Front, 6-pot racing callipers, vented disc. Rear, 2-pot racing callipers, solid disc.

**Transmission:** Standard Yamaha 6-speed sequential gearbox, standard gear ratios.

**Wheels:** O.Z. Racing 7in x 13in forged aluminium one-piece, four-stud mounting all round.

**Tyres:** Dry - Avon control slick tyres. Wet- Avon control rain tyres.

**Safety:** FIA-approved foam-filled fuel tank, mechanically triggered plumbed-in fire extinguisher system, FIA-approved 6-point safety harness.

The class provides very exciting close racing which is always a crowd pleaser and favourite.

### The Competitors

The competitors in the Global GT Light class are probably the friendliest group of fun racers to be found in the paddock. The objective of the competitors is to have fun while have close exciting racing. Anyone who has witnessed the class racing will know that there competition can be intense and there is lots of fun before and after the racing also.



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## The Global GT Light Group

The Global GT Lights are run by the drivers and they plan each season, races, and any necessary rule changes – obviously in conjunction with Motorsport Ireland.

## Race Meetings

The Irish Global GT Lights championship has run at such tracks as: Mondello, Phoenix Park, Kirkistown, Anglesey, Pembrey, Brands Hatch, Silverstone, Donnington Park, Oulton Park, Castle Combe, Lydden Hill, Knockhill, Castle Combe and Snetterton.

For 2012 the class will run in Mondello Park, Bishopstown and an as yet unannounced UK track. The “Home” track of the championship is Mondello.

| Reeltech Global GT Lights<br>2012 |                     |               |                 |
|-----------------------------------|---------------------|---------------|-----------------|
| Month                             | Date                | Track         | Number of Races |
| April                             | 14/15 <sup>th</sup> | Mondello      | 2               |
| May                               | 12 <sup>th</sup>    | Bishops court | 2               |
| June                              | 10 <sup>th</sup>    | Mondello      | 2               |
| July                              | 1st                 | Mondello      | 2               |
| July                              | 22 <sup>nd</sup>    | Mondello      | 2               |
| September                         | 16 <sup>th</sup>    | Mondello      | 2               |

## Driver Preparation

### Licence and Club Membership

Applicants for a first time RACE category "National B" licence must first purchase an "Introduction to Motorsport" Starter Pack at a cost of €20, which is available from the Motorsport Ireland Office on 01 6775628, and successfully complete a Motorsport Ireland "Introduction to Motorsport Course" (IMC) in Mondello Park.

The pack contains the following:

- A licence application form
- Motorsport Yearbook
- Some additional informational literature
- A video/DVD
- Details about the course
- A course booking reference number

The cost of the IMC course is approximately the same as one race entry fee. Full details are available from the Motorsport Ireland Office and on this website. The "Yearbook" and a calendar of events are available electronically on this website. You can also from <http://www.motorsportireland.com/index.cfm/loc/2-1.htm>.

The minimum age limit for Circuit Racing is 16 years. A medical certificate is required and this is part of the licence application form. It is not necessary for applicants to hold a Road Traffic Act licence. Competitors under 18 years of age require written permission from their parents or legal guardians. A first time licence costs as little as €40 if you are a member of one of our affiliated Motor Clubs. The cost to non-members is €80.

When you gain some experience and obtain 6 event finish signatures you can upgrade your licence to a "National A". The "Introduction to Motorsport Course" will count as one upgrading signature. A further 4 event finishes will allow you to upgrade to "International C".

An up-to-date list of affiliated clubs, contact names and telephone numbers etc. is available from Motorsport Ireland on request. A short version of this is attached at the end of this starter pack.



## Racing Gear

All drivers must wear an F.I.A. approved racing suit. Current (2009 season) regulations are three-layer suits with full body underwear, which covers the driver's body, arms and legs.

Other equipment includes an approved full-face helmet, balaclava, boots, socks and gloves. Full details are available in the Motorsport Ireland Yearbook which is available online also from the Motorsport Ireland website.

## Class Registration

Competitors need to register to race in the Class. This money is used to administer the class and the return is passed back on to the competitors.

## Buying or renting a car

Cars are available for sale and rental from time to time. The best suggestion is to contact the class co-ordinator who may be able to put you in touch with cars available for sale or to rent. Email address is [info@globalgtlight.ie](mailto:info@globalgtlight.ie)

Another option would be to rent a car. This is called "arrive and drive" and has the advantage of having someone else do the work.

## Buddy System

The Global GT light class will provide you with a "buddy". This person will assist you in all of the little things such as signing on, qualifying, race procedure etc. The class wants to make sure you have the best time possible and the most satisfying racing experience of your Global GT Light and will try to ensure that all of the formalities will be eased as best as possible. Contact the class co-ordinator to get details of the "Buddy" system.

## Suppliers:

Suppliers of much of the racing equipment required can be found on the links page of the class website <http://www.globalgtlight.ie/links%20page.htm>

## Motor Racing clubs Some Sample Clubs which Global GT Light Drivers are members of:

### 2012 AFFILIATED CLUB ADDRESSES

**CARLOW CAR CLUB LTD** Ms.Charlotte Egan, Gilberstown, Rathoe, Co.Carlow Phone: 086-8905657 (after 5.30 pm). E-mail: [secretary@carlowcarclub.ie](mailto:secretary@carlowcarclub.ie) Website: [www.carlowcarclub.ie](http://www.carlowcarclub.ie)

**CO.KILDARE MOTOR CLUB:** Ms. Michelle Farrelly, 17 The Avenue, Earls Court, Kill, Co.Kildare. Phone: 086-8540247. E-mail: [shelliefarrelly@gmail.com](mailto:shelliefarrelly@gmail.com) Website: [www.ckmc.ie](http://www.ckmc.ie)

**I.M.R.C.:** Mr. Eddie Fitzgerald, 16 Templeroan Grove, Rathfarnham, Dublin 16. Phone: 01-4937561 or 087-9700804. E-mail: [imrc31@gmail.com](mailto:imrc31@gmail.com) .

**LEINSTER MOTOR CLUB:** Contact: Mr. Paul McLoughlin, C/o Patrick O'Kelly Ltd. Unit 29, Block F, Southern Cross Business Park, Boghall Road Bray Co. Wicklow. Phone: 01-2829921(w), 087 284 8767  
E-mail: [paul@pokelly.com](mailto:paul@pokelly.com) Website: [www.leinstermotorclub.ie](http://www.leinstermotorclub.ie)

**MOTOR ENTHUSIASTS CLUB LTD.:** Mr. Roy Stewart, 97 Meadow Mount, Churchtown, Dublin 16. Phone: 087-2574406. E-mail: [roystewart@mec.ie](mailto:roystewart@mec.ie) Website: [www.mec.ie](http://www.mec.ie).

**MONDELLO PARK SPORTS CLUB** Mr. John Morris, Donore, Naas, Co.Kildare. Phone: 045-860200, Fax: 045-860195. E-mail: [info@mondellopark.ie](mailto:info@mondellopark.ie) Website: [www.mondellopark.ie](http://www.mondellopark.ie)

