

## *Endurance Race Software*

### **USER DOCUMENTATION**

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## PROCEDURE

1. **INSTALLATION** (Simple like a file)
2. **CHOICE OF THE LANGUAGE** (6 with the choice, to make that once)
3. **PROGRAMMING 1** (Entry elements of the regulation of your race)
4. **PROGRAMMING 2** (Entry data of your TEAM)
5. **RACE STRATEGY** (To apply your strategic choices, before and during the race)
6. **RACE PLANNING** (Overall picture of your race on an interactive planning)
7. **SYNTHESIS** (All the important actions of your race are activated under your eyes)
8. **SIMULATION/CHRONO** (Tool for adjustment of your strategy, during the race)
9. **CUMUL PILOTS** (Cumulated times of each pilot at a single glance)
10. **SAFETY CAR** (SC & VSC & Code 60)



## INSTALLATION

On the Notebook which will be used for the race

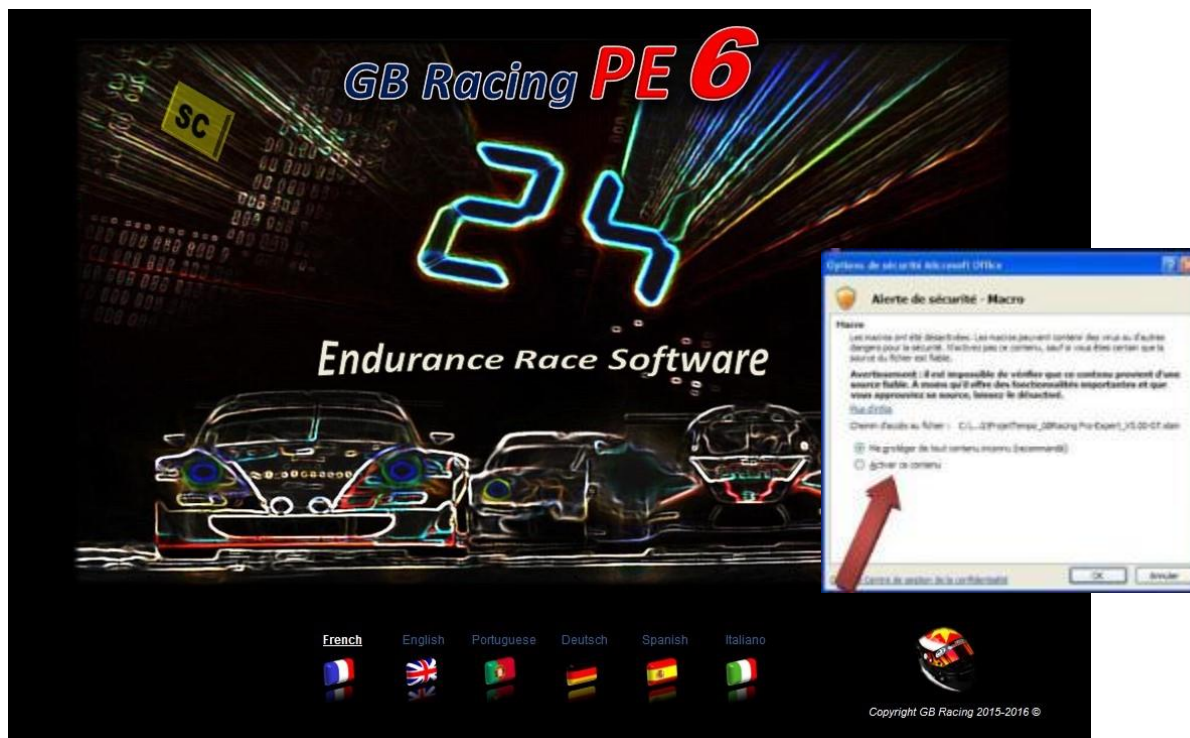
1. To create a repertoire "GB Racing PE5" on C:\ - (Not on "Program files")
2. To unzip all the files and to extract them or Copy all the files in the same repertoire
3. To create a short cut of file "GB Racing PE5" on the desk and to affect the icon « Casque ».

**IMPORTANT: SUSPEND A "HIBERNATE" OF YOUR PC**

## SAFETY MACROS

You can change the security office on "MINIMUM" to remove this message. NOT RECOMMENDED

Click on "Options ..." from the safety bar.



In the window, check on "Enable this content" and then "OK".

A scan of the sheets of the application is made for full functionality. **This is NORMAL.**

## CHOICE OF THE LANGUAGE

On HOME page, choose your language. (*French, English, Spanish, Portuguese, Deutsch, Italian*)



## PROGRAMMING 1

### 1. New Race

New Race

This button allows you to reset all the validations and variable data entered during your last race.

NOTE: You will unlock access to certain data "programming1"

### 2. Type of race

From the dropdown menu, select: **Karting, Auto, Moto, Fun Cup, Truck, 4x4 or Boat.**

### 3. Name of Team

Enter the name of team, as you want it to appear.

## 4. Running time

Free programming of 1h with 36h.

## 5. Departure time

- For the race simulation :

**Simulation**

- Enter the day and the hour to the format « **dd/mm/yyyy \_hh:mm:ss** ».
- Click the Simulation button, to start the simulation

The indication "Simulation" button will be replaced by "Pilot in race" from the start of the simulation.

- For the race :



On "SYNTHESIS", at the moment of departure, click on red button "START" to update the starting hour exact in "PROGRAMMING 1" and to launch the race. The **START** button **NEW RACE** and **SIMULATION** will be inactive from the departure of the race.

The data in red on Programmations1 will be inaccessible during the race.

## 6. Time Relay & MAXI Time Relay

Enter the time you want, depending of the regulation, and the number of driver and time of the race.



Enter the MAXI time you want, depending of the regulation of the race.



| PROGRAMMATION 1                            |                     |
|--|---------------------|
| Type de Course                             | BOAT                |
| Nom de l'Equipe                            | New GBRacing PE6    |
| Temps de Course                            | 36:00               |
| Jour et Heure de Départ                    | 18/09/2015 16:04:26 |
| Temps par relais                           | 1:00                |
| Nombre de Relais (Attention Nbre imposé)   | 36                  |
| Durée du ravitaillement "FUEL"             | 0:00:40             |
| Autonomie MAXI                             | 2:00                |
| Temps repos mini Pilote entre Relais       | 1:00                |
| Temps passage dans les STANDS              | 0:00:30             |
| ALERTE Ravitaillement FUEL                 | 0:05                |
| ALERTE panneautage ENTREE STANDS           | 0:05                |
| ALERTE CHANGEMENT PILOTE                   | 0:08                |
| NOMBRE DE PILOTE (2 à 9)                   | 6                   |
| Nombre de Relais moyen par pilote          | 6,00                |
| Nombre de Ravitaillements ESS              | 17                  |
| Nombre de passage STANDS calculé           | 35                  |
| Nombre de Passage STANDS Si imposé         | 0                   |
| Nombre de faux relais à gérer              | 0                   |
| Sans Objet                                 | 0:00                |
| Sans Objet                                 | 0:00                |
| Fréquence Arrêt Mécanique Programmé        | 0:00                |
| Sans Objet                                 | 0:00                |
| Temps MAXI AUTORISE par relais (Règlement) | 1:00                |

PROGRAMMATIONS SUIVANTES →

## 7. Duration of refueling

Information here, as long as you feel for refueling only. (Excluding transit time in the pits, which will be filled in later)

## 8. Autonomy MAXI

According to the type of race and material, inform here, the maximum time of autonomy which you estimate, for programed each refueling.



Automatic calculation, offers optimized time, consistent with the autonomy and the time relay selected for refueling in the pit lane.

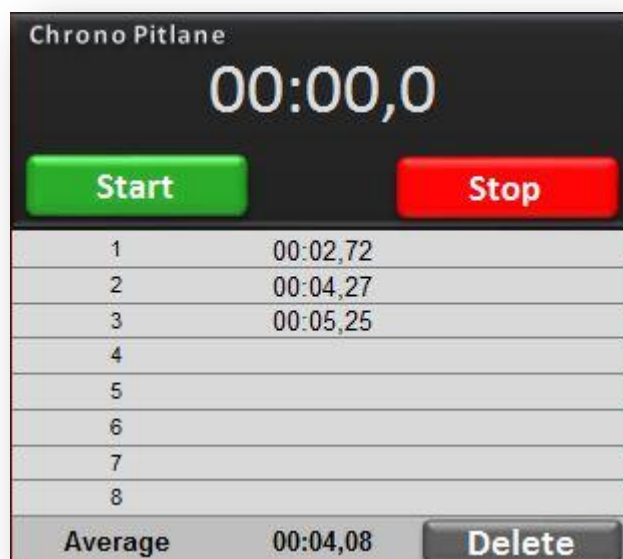
## 9. Minimum rest period of each driver

Depending on the rules, check here, the minimum rest time for pilots, between each relay.

## 10. Time of Passage in the Pit lane

Inform here, the average Time of passage in the Pit lane. (A stopwatch is available on the Simulation sheet, to record times of passage during the tests and automatically to provide you the average of the recorded passages)

This time will determine the hour of entry and exit of the Pit lane.

A digital stopwatch interface titled "Chrono Pitlane". It features a large digital display showing "00:00,0". Below the display are two buttons: a green "Start" button and a red "Stop" button. Underneath these buttons is a table with 8 rows, each containing a number (1-8) and a time value. The first three rows have values: 1 (00:02,72), 2 (00:04,27), and 3 (00:05,25). The remaining rows (4-8) are empty. At the bottom of the table, there is a row labeled "Average" with the value "00:04,08". To the right of the "Average" row is a grey "Delete" button.

| 1       | 00:02,72 |
|---------|----------|
| 2       | 00:04,27 |
| 3       | 00:05,25 |
| 4       |          |
| 5       |          |
| 6       |          |
| 7       |          |
| 8       |          |
| Average | 00:04,08 |

**ATTENTION: The speed limit in the pits. See the regulations.**

## 11. The ALERTS



### a. Refueling

Inform here, the Advance of the posting of alarm for the REFUELING, (2 with 4mn recommended)  
This dynamic Alarm, will be posted on the SYNTHESIS Sheet

### b. Pit board

Inform here, the Advance of the posting of alarm for Pits board. (2 with 4mn recommended), according to time with the turn of circuit and the number of turns which you wish to leave to the pilot for entry.

This dynamic Alarm, will be posted on the SYNTHESIS Sheet

### c. Driver change

Inform here, the Advance of the posting of alarm to awake the PILOT who will take the next relay (5 with 15mn recommended)

This dynamic Alarm, will be posted on the SYNTHESIS Sheet

## 12. Number of passes in the Pit lane, if they are imposed

In some racing rules, the passages were in the pits that are imposed without stopping or driver change mandatory.

We call "False relay."



|                                       |                                   |
|---------------------------------------|-----------------------------------|
| Number of passage pitlane, calculated | 47                                |
| Number of Passage pitlane If imposed  | 48                                |
| Number of false relay to manage       | 1                                 |
| Frequency Change TIRES                | To distribute on STRATEGY<br>0:30 |
| Time of Change TIRES                  | 0:00:45                           |
| Mechanics Stop Frequency Programed    | 2:00                              |
| Frequency change brake                | 1:00                              |

Backup outside

NEXT PROGRAMMINGS →

In this case, you can learn here, this information and the software will provide, below, the number of "false relay" to handle during the race.

To you to spread manually, on STRATEGY, these "false relay" in the relay already planned.

[See detail of this operation on "STRATEGY"](#)

## 13. Frequency change of tires



For some types of racing, you can program the frequency change of the tires. If this is not the case, put the information to zero.

## 14. Time to change tires

You can program the time change of the tires in the pits. If this is not the case, put the information to zero.

## 15. Frequency of Mechanical Stops Scheduled

For some types of racing, you can schedule the frequency of mechanical stops provided

(*Mechanical stops unscheduled will be treated later* - See Mechanical stops [1](#) & [2](#)).

An Alarm on Synthesis will remind you the intervention in the relay concerned.



If this is not the case, put the information to zero.

## 16.backup



By clicking on the Backup icon, **you save your information out software** to be able to study or future use.

### **CAUTION:**

This external backup do not you free to save your data in the application as soon as you make changes before and during the race, to avoid loss of data if the PC stopping.

NOTE: the launch of the **START button**, the application automatically saves your data.

|  |               |
|--|---------------|
| Type of Race                           | KARTING       |
| Name of Team                           | GB RACING PE3 |
| Time of Race                           | 24:00:00      |
| Day and Time of start                  | 19:18:53      |
| Time relay                             | 0:30:00       |
| Number of Relay (Warning Nber imposed) | 48            |
| Duration of refueling                  | 0:00:15       |
| Autonomy MAXI                          | 2:30:00       |
| Time Pilot rest between Relay          | 1:00:00       |
| Passage time, in the PILANE            | 0:00:45       |
| ALERT refueling                        | 0:05:00       |
| ALERT Pit board ENTRY PITLANE          | 0:02:00       |
| ALERT CHANGE pilot                     | 0:07:00       |
| NUMBER OF PILOT (2 to 9)               | 7             |
| Number of average Relays by pilot      | 6,86          |
| Number of refueling                    | 9             |
| Number of passage pitlane, calculated  | 47            |
| Number of Passage pitlane if imposed   | 48            |
| Number of false relay to manage        | 1             |
| Frequency Change TIRES                 | 0:30:00       |
| Time of Change TIRES                   | 0:00:45       |
| Mechanics Stop Frequency Programed     | 2:00:00       |
| Frequency change brake                 | 1:00:00       |



## PROGRAMMING 2

This sheet gives you the opportunity to refine, at most, the various parameters of your races.

### 1. Table of Weights

The information you enter in this table will be used to calculate the optimum data for each driver in their relay. Be as specific as possible.

If you do not have weight constraints, put the information to zero (0)

- select the metric system you want to use: kilogram / liter or pounds / gallon.
- If the regulation imposes a minimum weight, enter it here.
- Enter the weight of your vehicle, empty weight excluding fuel.
- Enter the maximum capacity of your tank or the amount you plan to add at each refueling.
- Enter the type of fuel you will use: petrol or diesel
- Select how will be applied to the additional weight (Gueusage)
  - No - Individual for each driver - Average weight of the team

### 2. Table of Pilots

The information you enter in this table will be used to calculate the optimum data for each driver in their relay. Be as specific as possible.

|   | NAMES   | PERFORMANCE | WEIGHT Equips | Poids additionnel |
|---|---------|-------------|---------------|-------------------|
| 1st PILOT                                     | Mickael | 9           | 68            | 7                 |
| 2nd PILOT                                     | Pauline | 6           | 65            | 7                 |
| <input checked="" type="checkbox"/> 3rd PILOT | Gilles  | 8           | 68            | 7                 |
| <input checked="" type="checkbox"/> 4th PILOT | Alain   | 3           | 82            | 7                 |
| <input checked="" type="checkbox"/> 5th PILOT | Shara   | 2           | 59            | 7                 |
| <input checked="" type="checkbox"/> 6th PILOT | Pierre  | 3           | 70            | 7                 |
| <input type="checkbox"/>                      |         |             |               |                   |
| <input type="checkbox"/>                      |         |             |               |                   |

If you do not have weight constraints, put the information to zero (0)

#### CAUTION

If you activate the drivers without putting a name, the software does not consider them in planning and calculations will be distorted.



Enable or disable to manage the overall presence of your drivers

- Indicate the number of pilot that you wish (two first are obligatory)
- Seize the NAMES of each pilot, such as you wish that they appear.
- Opposite each NAME, seize an index of PERFORMANCE (0 to 10) and the WEIGHT of the pilot equipped.
- In the last column are shown the total additional weight required for each driver to reach the minimum weight based on the sequence of, and the fuel consumption.

- The index of performance can be the general quality of the pilot, his speed, his regularity, the cleanliness of its piloting, the absence of error or shock, the respect of the material...
- the weight equipped is the total weight, including helmet
- The software will compute an order of passage optimized according to the seized data and the fuel weight during the relay

|   |
|---|
| 5- THE SOFTWARE RECOMPUTES AN ORDER OF PASSAGE WITH YOUR DATA     |
| To display the order suggested, to click on the button below      |
| <input type="button" value="CALCULATE"/>                          |
| 6- To return to your original ORDER, to click on the button below |
| <input type="button" value=""/>                                   |

## 1. Diagram of the positions of pointing



The additional information which you will seize in this diagram will use recomputed the exact hours of ENTRY and EXIT of the Pit lane.

Select the button corresponding to the position of pointing envisaged.

**If there is no pointing, to select the button EXIT**

A DIFFERENTIAL button enables you to activate a double pointing ENTRY and EXIT the Pit lane (24H of Mans Open)

## 2. Diagram of the positions of refueling



The additional information which you will seize in this diagram will use recomputed the exact hours of refueling  
Select the button corresponding to the position of refueling envisaged.

**If there is no pointing, to select the button ENTRY**

A button **OUT of PIT LANE** enables you to disconnect the refueling of the pilot relay, to carry refueling out of pit lane (Example: 24h 4x4 of Paris...)

If this button is activated, it will automatically generate a new sheet "FUEL" enabling you to follow and validate the refueling OUT OF PITLANE, at the moment that you chose

| RAVITAILLEMENTS HORS DES STANDS ou DECALES |            |          |          |          |                          | ARRETS MECANQUES NON PROGRAMMES |  |
|--|------------|----------|----------|----------|--------------------------|---------------------------------|--|
| N°   | Dates      | Heures   | Décalés  |          | Valider                  | Durée                           |  |
|  |            |          | 1 SC     | 2 SC     |                          |                                 |  |
| 1  | 18/09/2015 | 19:27:16 | 00:00:00 | 00:00:00 | <input type="checkbox"/> | 00:00:00                        |  |
| 2  | 18/09/2015 | 21:27:16 | 00:00:00 | 00:00:00 | <input type="checkbox"/> | 00:00:00                        |  |
| 3  | 18/09/2015 | 23:27:16 | 00:00:00 | 00:00:00 | <input type="checkbox"/> | 00:00:00                        |  |
| 4  | 19/09/2015 | 01:27:16 | 00:00:00 | 00:00:00 | <input type="checkbox"/> | 00:00:00                        |  |
| 5  | 19/09/2015 | 03:27:16 | 00:00:00 | 00:00:00 | <input type="checkbox"/> | 00:00:00                        |  |
| 6  | 19/09/2015 | 05:27:16 | 00:00:00 | 00:00:00 | <input type="checkbox"/> | 00:00:00                        |  |
| 7  | 19/09/2015 | 07:27:16 | 00:00:00 | 00:00:00 | <input type="checkbox"/> | 00:00:00                        |  |
| 8  | 19/09/2015 | 09:27:16 | 00:00:00 | 00:00:00 | <input type="checkbox"/> | 00:00:00                        |  |
| 9  | 19/09/2015 | 11:27:16 | 00:00:00 | 00:00:00 | <input type="checkbox"/> | 00:00:00                        |  |
| 10   | 19/09/2015 | 13:27:16 | 00:00:00 | 00:00:00 | <input type="checkbox"/> | 00:00:00                        |  |
| 11   | 19/09/2015 | 15:27:16 | 00:00:00 | 00:00:00 | <input type="checkbox"/> | 00:00:00                        |  |

**NOTE:** The validation of a refueling involves automatically recomputed it following refueling according to the initial autonomy, which you entered.

2 cells "Launchers Offset" automatically allow you to enter the time of Safety Car, VSC & Code 60.

A column enables you to seize, opposite the hours of refueling envisaged, the durations of **MECHANICAL STOP NOT PROGRAMED**, to prolong of as much initial autonomy.

This function is accessible only for the refueling OUT OF PIT and is independent of the lengthening of the time of pilot relay.

## automation

Refueling button on SYNTHESIS is active and allows you to directly validate the Refueling made STANDS OUT or OFFSET



SC button on "Synthesis", you can **record directly** offsets refueling time due to SC



[Back to previous text](#)

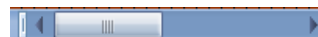
## RACE STRATEGY

Modification duration, Inversion, deletion, double or triple relay in the same group:

Now everything is possible, from the first pilot!

This tool of racing strategy it is enriched by an additional 8th column and a new engine of calculation, for have a broader range of programming and strategy.

For the least broad screens, move the columns to reach into the table.



**STRATEGY**

|           | Relay 1  |          |          |          | Relay 2  |          |          |          | Relay 3  |          |          |          | Relay 4  |          |          |          | Relay 5  |          |          |          | Relay 6  |          |          |          | Relay 7  |          |          |          | Relay 8  |          |          |          |          |          |          |          |             |
|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-------------|
|           | Entry    | Exit     | End      | Result   | Entry    | Exit     | End      | Result   | Entry    | Exit     | End      | Result   | Entry    | Exit     | End      | Result   | Entry    | Exit     | End      | Result   | Entry    | Exit     | End      | Result   | Entry    | Exit     | End      | Result   | Entry    | Exit     | End      | Result   |          |          |          |          |             |
| 1st PILOT | Mickael  | ✓        |          |          | Mickael  | ✓        |          |          | Mickael  | ✓        |          |          | Mickael  | ✓        |          |          | Mickael  | ✓        |          |          | Mickael  | ✓        |          |          | Mickael  | ✓        |          |          | Mickael  | ✓        |          |          | Mickael  | ✓        |          |          | FALSE RELAY |
|           | 18:44:25 | 19:14:25 | 19:14:25 | 00:30:00 | 21:44:25 | 22:14:25 | 22:14:25 | 00:30:00 | 00:44:25 | 01:14:25 | 01:14:25 | 00:30:00 | 03:44:25 | 04:14:25 | 04:14:25 | 00:30:00 | 06:44:25 | 07:14:25 | 07:14:25 | 00:30:00 | 09:44:25 | 10:14:25 | 10:14:25 | 00:30:00 | 12:44:25 | 13:14:25 | 13:14:25 | 00:30:00 | 15:44:25 | 16:14:25 | 16:14:25 | 00:30:00 | 18:44:25 | 19:14:25 | 19:14:25 | 00:30:00 | Calculated  |
|           | 0        | 0        | 0:00     | 0:00     | 0        | 0        | 0:00     | 0:00     | 0        | 0        | 0:00     | 0:00     | 0        | 0        | 0:00     | 0:00     | 0        | 0        | 0:00     | 0:00     | 0        | 0        | 0:00     | 0:00     | 0        | 0        | 0:00     | 0:00     | 0        | 0        | 0:00     | 0:00     | 0        | 0        | 0:00     | 0:00     | 0           |
| 2nd PILOT | Pauline  | ✓        |          |          | Pauline  | ✓        |          |          | Pauline  | ✓        |          |          | Pauline  | ✓        |          |          | Pauline  | ✓        |          |          | Pauline  | ✓        |          |          | Pauline  | ✓        |          |          | Pauline  | ✓        |          |          | Pauline  | ✓        |          |          | Scheduled   |
|           | 18:14:25 | 19:44:25 | 19:44:25 | 00:30:00 | 22:14:25 | 22:44:25 | 22:44:25 | 00:30:00 | 01:14:25 | 01:44:25 | 01:44:25 | 00:30:00 | 04:14:25 | 04:44:25 | 04:44:25 | 00:30:00 | 07:14:25 | 07:44:25 | 07:44:25 | 00:30:00 | 10:14:25 | 10:44:25 | 10:44:25 | 00:30:00 | 13:14:25 | 13:44:25 | 13:44:25 | 00:30:00 | 16:14:25 | 16:44:25 | 16:44:25 | 00:30:00 | 19:14:25 | 19:44:25 | 19:44:25 | 00:30:00 | 0           |
|           | 0        | 0        | 0:00     | 0:00     | 0        | 0        | 0:00     | 0:00     | 0        | 0        | 0:00     | 0:00     | 0        | 0        | 0:00     | 0:00     | 0        | 0        | 0:00     | 0:00     | 0        | 0        | 0:00     | 0:00     | 0        | 0        | 0:00     | 0:00     | 0        | 0        | 0:00     | 0:00     | 0        | 0        | 0:00     | 0:00     | 0           |
| 3rd PILOT | Gilles   | ✓        |          |          | Gilles   | ✓        |          |          | Gilles   | ✓        |          |          | Gilles   | ✓        |          |          | Gilles   | ✓        |          |          | Gilles   | ✓        |          |          | Gilles   | ✓        |          |          | Gilles   | ✓        |          |          | Gilles   | ✓        |          |          | Done        |
|           | 19:44:25 | 20:14:25 | 20:14:25 | 00:30:00 | 22:44:25 | 23:14:25 | 23:14:25 | 00:30:00 | 01:44:25 | 02:14:25 | 02:14:25 | 00:30:00 | 04:44:25 | 05:14:25 | 05:14:25 | 00:30:00 | 07:44:25 | 08:14:25 | 08:14:25 | 00:30:00 | 10:44:25 | 11:14:25 | 11:14:25 | 00:30:00 | 13:44:25 | 14:14:25 | 14:14:25 | 00:30:00 | 16:44:25 | 17:14:25 | 17:14:25 | 00:30:00 | 19:44:25 | 20:14:25 | 20:14:25 | 00:30:00 | 0           |
|           | 0        | 0        | 0:00     | 0:00     | 0        | 0        | 0:00     | 0:00     | 0        | 0        | 0:00     | 0:00     | 0        | 0        | 0:00     | 0:00     | 0        | 0        | 0:00     | 0:00     | 0        | 0        | 0:00     | 0:00     | 0        | 0        | 0:00     | 0:00     | 0        | 0        | 0:00     | 0:00     | 0        | 0        | 0:00     | 0:00     | 0           |
| 4th PILOT | Alain    | ✓        |          |          | Alain    | ✓        |          |          | Alain    | ✓        |          |          | Alain    | ✓        |          |          | Alain    | ✓        |          |          | Alain    | ✓        |          |          | Alain    | ✓        |          |          | Alain    | ✓        |          |          | Alain    | ✓        |          |          | 0           |
|           | 20:14:25 | 20:44:25 | 20:44:25 | 00:30:00 | 23:14:25 | 23:44:25 | 23:44:25 | 00:30:00 | 02:14:25 | 02:44:25 | 02:44:25 | 00:30:00 | 05:14:25 | 05:44:25 | 05:44:25 | 00:30:00 | 08:14:25 | 08:44:25 | 08:44:25 | 00:30:00 | 11:14:25 | 11:44:25 | 11:44:25 | 00:30:00 | 14:14:25 | 14:44:25 | 14:44:25 | 00:30:00 | 17:14:25 | 17:44:25 | 17:44:25 | 00:30:00 | 20:14:25 | 20:44:25 | 20:44:25 | 00:30:00 | 0           |
|           | 0        | 0        | 0:00     | 0:00     | 0        | 0        | 0:00     | 0:00     | 0        | 0        | 0:00     | 0:00     | 0        | 0        | 0:00     | 0:00     | 0        | 0        | 0:00     | 0:00     | 0        | 0        | 0:00     | 0:00     | 0        | 0        | 0:00     | 0:00     | 0        | 0        | 0:00     | 0:00     | 0        | 0        | 0:00     | 0:00     | 0           |
| 5th PILOT | Shara    | ✓        |          |          | Shara    | ✓        |          |          | Shara    | ✓        |          |          | Shara    | ✓        |          |          | Shara    | ✓        |          |          | Shara    | ✓        |          |          | Shara    | ✓        |          |          | Shara    | ✓        |          |          | Shara    | ✓        |          |          | 0           |
|           | 20:44:25 | 21:14:25 | 21:14:25 | 00:30:00 | 23:44:25 | 00:14:25 | 00:14:25 | 00:30:00 | 02:44:25 | 03:14:25 | 03:14:25 | 00:30:00 | 05:44:25 | 06:14:25 | 06:14:25 | 00:30:00 | 08:44:25 | 09:14:25 | 09:14:25 | 00:30:00 | 11:44:25 | 12:14:25 | 12:14:25 | 00:30:00 | 14:44:25 | 15:14:25 | 15:14:25 | 00:30:00 | 17:44:25 | 18:14:25 | 18:14:25 | 00:30:00 | 20:44:25 | 21:14:25 | 21:14:25 | 00:30:00 | 0           |
|           | 0        | 0        | 0:00     | 0:00     | 0        | 0        | 0:00     | 0:00     | 0        | 0        | 0:00     | 0:00     | 0        | 0        | 0:00     | 0:00     | 0        | 0        | 0:00     | 0:00     | 0        | 0        | 0:00     | 0:00     | 0        | 0        | 0:00     | 0:00     | 0        | 0        | 0:00     | 0:00     | 0        | 0        | 0:00     | 0:00     | 0           |
| 6th PILOT | Pierre   | ✓        |          |          | Pierre   | ✓        |          |          | Pierre   | ✓        |          |          | Pierre   | ✓        |          |          | Pierre   | ✓        |          |          | Pierre   | ✓        |          |          | Pierre   | ✓        |          |          | Pierre   | ✓        |          |          | Pierre   | ✓        |          |          | 0           |
|           | 21:14:25 | 21:44:25 | 21:44:25 | 00:30:00 | 00:14:25 | 00:44:25 | 00:44:25 | 00:30:00 | 03:14:25 | 03:44:25 | 03:44:25 | 00:30:00 | 06:14:25 | 06:44:25 | 06:44:25 | 00:30:00 | 09:14:25 | 09:44:25 | 09:44:25 | 00:30:00 | 12:14:25 | 12:44:25 | 12:44:25 | 00:30:00 | 15:14:25 | 15:44:25 | 15:44:25 | 00:30:00 | 18:14:25 | 18:44:25 | 18:44:25 | 00:30:00 | 21:14:25 | 21:44:25 | 21:44:25 | 00:30:00 | 0           |
|           | 0        | 0        | 0:00     | 0:00     | 0        | 0        | 0:00     | 0:00     | 0        | 0        | 0:00     | 0:00     | 0        | 0        | 0:00     | 0:00     | 0        | 0        | 0:00     | 0:00     | 0        | 0        | 0:00     | 0:00     | 0        | 0        | 0:00     | 0:00     | 0        | 0        | 0:00     | 0:00     | 0        | 0        | 0:00     | 0:00     | 0           |

**IMPORTANT : When reverse pilot, to check the rest in OVERLAPPING**

Save your changes

The False relays will be activated, if you informed the number of passage obligatory in the pit, and if this number is higher than the number of planned passage

RESET STRATEGY

Non-active relays are shaded for improved readability



This Button at the bottom, right, to reset all the "real" time entered during programming or during the race, and all false Relay.

**ATTENTION:** No turning back on error. (Close the program without saving and open it again)

## 1. double or triple relay in the same group

Select the name of the pilot, as for an inversion.

| Session 1 |          |          |          |  |
|-----------|----------|----------|----------|--|
| Début     | sortie   | Fin      | Rel      |  |
| Mickael   |          |          |          |  |
| 17:50:38  | 18:20:38 | 18:20:38 | 00:30:00 |  |
| 0         | 0        | 0:00     | 00:00:00 |  |
| Mickael   |          |          |          |  |
| 18:20:38  | 18:50:38 | 18:50:38 | 00:30:00 |  |
| 0         | 0        | 0:00     | 00:00:00 |  |
| Mickael   |          |          |          |  |
| 18:50:38  | 19:20:38 | 19:20:38 | 00:30:00 |  |
| 0         | 0        | 0:00     | 00:00:00 |  |
| Alain     |          |          |          |  |
| 19:20:38  | 19:50:38 | 40832    | 00:30:00 |  |
| 0         | 0        | 0:00     | 00:00:00 |  |

Information on Synthèse indicates to you if the following pilot made : A simple, a double or triple relay.



## 2. Pilot Inversion

EXAMPLE: In the first relay, the order is fulfilled. In the second relay, PAUL and MICKAEL are reversed. In the third relay, GILLES and MICKAEL reversed

|            | RELAIS 1 |          |          |          | RELAIS 2 |          |          |          | RELAIS 3 |          |          |          |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|            | Début    | sortie   | Fin      | Rel      | Début    | sortie   | Fin      | Rel      | Début    | sortie   | Fin      | Rel      |
| 1er PILOTE | Mickael  |          |          |          | Paul     |          |          |          | Gilles   |          |          |          |
|            | 17:24:16 | 18:34:16 | 19:35:16 | 01:00:00 | 23:40:16 | 00:40:16 | 00:41:16 | 01:00:00 | 05:46:16 | 06:46:16 | 06:47:16 | 01:00:00 |
|            | 0        | 0        | 0:00     | 00:00:00 | 0        | 0        | 0:00     | 00:00:00 | 0        | 0        | 0:00     | 00:00:00 |
| 2e PILOTE  | Paul     |          |          |          | Mickael  |          |          |          | Paul     |          |          |          |
|            | 18:35:16 | 19:35:16 | 19:36:16 | 01:00:00 | 00:42:16 | 01:42:16 | 01:43:16 | 01:00:00 | 07:47:16 | 07:47:16 | 07:48:16 | 01:00:00 |
|            | 0        | 0        | 0:00     | 00:00:00 | 0        | 0        | 0:00     | 00:00:00 | 0        | 0        | 0:00     | 00:00:00 |
| 3e PILOTE  | Gilles   |          |          |          | Mickael  |          |          |          | Mickael  |          |          |          |
|            | 19:36:16 | 20:36:16 | 20:37:16 | 01:00:00 | 01:44:16 | 02:44:16 | 02:45:16 | 01:00:00 | 08:48:16 | 08:48:16 | 08:49:16 | 01:00:00 |
|            | 0        | 0        | 0:00     | 00:00:00 | 0        | 0        | 0:00     | 00:00:00 | 0        | 0        | 0:00     | 00:00:00 |

GILLES MICKAEL are inverted

PAUL MICKAEL are inverted



This button allows you to reset on each line, the pilot name from the first relay, after a reverse pilot.



## 3. Programming your own time of relay

### manually:

|          |          |          |          |                                     |
|----------|----------|----------|----------|-------------------------------------|
| Pauline  |          |          |          | <input checked="" type="checkbox"/> |
| 15:13:46 | 15:43:46 | 15:44:16 | 00:30:00 |                                     |
| 0        | 0        | 0:00     | 00:30    |                                     |

↑

In race, if a MECHANICAL STOP NOT PROGRAMMED occurs and if the regulation allows it, you can deduce it from the relay, to allow the pilot to finish his legal time.

← This check box enables you to activate the relay of this pilot.

← To display the real time of relay

← If you want to change the relay, enter a new time for the driver.

**New**

Before or during the race, you can change the programming time of each relay, by entering the **new time relay**, under "real" green box (hh: mm) Once entered, the cell turns red.

The box just above, will tell you the exact time of this new programming.

### Automatically:



During the race, with the button END Relay located on Synthesis, you automatically save the new relay end time, under "Real" in the current relay.

**WARNING:** Your changes may an impact on **the obligations of the Rules of the race and the FUEL relay**, reducing the backup time of the relays involved.

**NOTE:** you can change as long as programmed relays are not made

## 4. Mechanical stop not programmed

|          |          |          |          |                                     |
|----------|----------|----------|----------|-------------------------------------|
| Gilles   |          |          |          | <input checked="" type="checkbox"/> |
| 18:45:46 | 19:15:46 | 19:15:46 | 00:30:00 |                                     |
| 0        | 0        | 0:00     | 0:00     |                                     |

|          |          |          |          |                                     |
|----------|----------|----------|----------|-------------------------------------|
| Gilles   |          |          |          | <input checked="" type="checkbox"/> |
| 18:45:46 | 19:45:46 | 19:45:46 | 01:00:00 |                                     |
| 0        | 0        | 0:30     | 0:00     |                                     |

|          |          |          |          |                                     |
|----------|----------|----------|----------|-------------------------------------|
| Gilles   |          |          |          | <input checked="" type="checkbox"/> |
| 18:45:46 | 19:30:46 | 19:30:46 | 00:45:00 |                                     |
| 0        | 0        | 0:30     | 0:45     |                                     |

IF the **REGULATION ALLOWS IT**, in each relay, you can seize the duration of a **stop NOT programmed**, to prolong of as much the duration of the relay and to allow the pilot to carry out his time initially envisaged. (This duration of stop will be deduced from the total time of race while reducing automatically, the last programmed relay)

### NOTE:

- If your supplies are carried out in the Pit lane, the software will recomputed, at best, your new autonomy.
- If your supplies are carried out "Out of Pit", you must, to inform this stop about the FUEL sheet.

**CAUTION:** If you already modified the relay by seizing a new hour of END in the column "real", your mechanical stop will not be taken into account for recomputed hour of END, since you impose it. (As represented in the last image above on the right)



## 5. Management "False Relay"

|                                       |                                   |
|---------------------------------------|-----------------------------------|
| Number of passage pitlane, calculated | 47                                |
| Number of Passage pitlane If imposed  | 48                                |
| Number of false relay to manage       | 1                                 |
| Frequency Change TIRES                | To distribute on STRATEGY<br>0:30 |
| Time of Change TIRES                  | 0:00:45                           |
| Mechanics Stop frequency Programed    | 2:00                              |
| Frequency change brake                | 1:00                              |

Backup outside

NEXT PROGRAMMINGS →

Data from "False Relay" seized on PROGRAMMING 1 must be managed on STRATEGY

► In the number of passes required through the pit, a number can be managed by "false relay, if the pilot change is mandatory. (With or without leaving the pilot of the vehicle, according to regulation)  
In this case, the PROGRAMMING 1 automatically tell you the number of false relay to handle during the race, according to the number of pilots and the number of stalls required before passing on STRATEGY, and the "time relay"

|                        | Session 1 |          |          |          | Session 2 |          |          |          |
|------------------------|-----------|----------|----------|----------|-----------|----------|----------|----------|
|                        | Debut     | sortie   | Fin      | Rest     | Debut     | sortie   | Fin      | Rest     |
| 1 <sup>er</sup> PILOTE |           |          |          |          |           |          |          |          |
|                        | Michael   |          |          |          | Michael   |          |          |          |
|                        | 17:50:38  | 18:20:38 | 18:20:38 | 00:30:00 | 21:20:38  | 21:50:38 | 21:50:38 | 00:30:00 |
| FAUX RELAIS            | 0         | 0        | 0:00     | 00:00:00 | 0         | 0        | 0:00     | 00:00:00 |
| 2 <sup>e</sup> PILOTE  |           |          |          |          |           |          |          |          |
|                        | Pauline   |          |          |          | Pauline   |          |          |          |
|                        | 18:20:38  | 18:50:38 | 18:50:38 | 00:30:00 | 22:20:38  | 22:50:38 | 22:50:38 | 00:30:00 |
| FAUX RELAIS            | 1         | 1        | 0:00     | 00:00:00 | 0         | 0        | 0:00     | 00:00:00 |

In STRATEGY indication "False Relays" is then activated by each pilot, you must program it in the boxes, the number of false relays assigned to each pilot for each relay

During the race, the type and extent as in the boxes, the number of false relay made by each pilot in each Relay

At the end of the summary shows you the total number calculated, planned and carried

|             |           |
|-------------|-----------|
| FAUX RELAIS |           |
| RAZ         | Calculé   |
|             | 1         |
| RAZ         | Programmé |
|             | 1         |
| RAZ         | Effectué  |
|             | 1         |

**IMPORTANT:** At any time of the race on the STRATEGY, you can modify or move the False Relay not yet made



Button in bottom, on the right, to give to zero, times seized during the race, as well as the False Relay.



Save your changes

**IMPORTANT:** At any time during the race, on STRATEGY, you can modify the number or manually move the False Relays which are not carried out yet. To put at zero and to defer on the relay of your choice

|                       | Pierre    |          | Pierre    |          |
|-----------------------|-----------|----------|-----------|----------|
|                       | 16:13:31  | 16:43:31 | 16:43:31  | 16:43:31 |
| 6 <sup>e</sup> PILOTE |           |          |           |          |
|                       | FUEL      |          | 00:30:00  |          |
|                       | 00:25:15  | 00:30:00 | 00:30:00  |          |
| 7 <sup>e</sup> PILOTE |           |          |           |          |
|                       | Guillaume |          | Guillaume |          |
|                       | 16:43:31  | 17:13:31 | 17:13:31  | 17:13:31 |
|                       | 00:20:00  |          | 00:20:00  |          |



A recall, for the relay in progress, is present on PLANNING and SYNTHESIS

**NOTE:** False relays used properly will give you a strategic advantage over your competitors.



## SAFETY CAR

### On the appearance of a Safety Car Panel, Virtual Safety Car or Code 60



Click on the yellow button, you will be directed to the SC page (Below) and the timer will operate automatically

One of the current relay time control will be automatically performed to avoid exceeding (Time MAXIMUM PERMITTED on Programmation1)

#### decision:

If you continue, you will have all the time in the SC to decide whether to save the additional time

If you continue, you will have all the time in the SC to decide whether to save the additional time

#### cancellation:

Click the reset button, all data will be deleted

00:00,0

Saisir le % d'autonomie économisée sous Savety Car  
 ex: 60% de la consommation économisée = 60% du temps en plus

|                  |              | T. SC        | T.x %        |
|------------------|--------------|--------------|--------------|
| 04/09/2015 00:06 | 1° SC        | 00:14        | 00:09        |
|                  | 2° SC        |              | 00:00        |
|                  | 3° SC        |              | 00:00        |
|                  | 4° SC        |              | 00:00        |
|                  | 5° SC        |              | 00:00        |
|                  | 6° SC        |              | 00:00        |
|                  | 7° SC        |              | 00:00        |
|                  | 8° SC        |              | 00:00        |
|                  | <b>TOTAL</b> | <b>00:14</b> | <b>00:09</b> |

STOP  
SC

☒ OUI  
 Synchroniser le temps d'autonomie allongé et le relais pilote correspondant

RAZ

#### During the time of SC:

Select the% of time you want to add to autonomy in progress. (Example: 60% above)

Select the timing of the pilot relay with the recalculated autonomy. (Time MAXIMUM PERMITTED on Programmation1)

#### At the resumption of the race, click "STOP SC"

1- Stop recording time and the SC time of day, time and calculation of injury time

2- Adding additional time in the autonomy Fuel underway

3- Adding additional time to time current relay, if selected synchronization

4 Back on the SYNTHESIS page for the resumption of the race



## SYNTHESIS

This new screen interactive virtual TouchPad, summarizes all the data from a relay to follow:

- Basic information about the running relay
- Alerts
- Help Messages
- The automation buttons



### 1. START



- For the race Click on the red button START to record the exact time of START.

Your data will be automatically saved.

**CAUTION:** During the race, do not click again a second time on the button, you would start the race

## 2. END RELAY



Automatically record each "real End of Relay" in the corresponding box on STRATEGY.

This "real End of relay" will be obligatorily equal or lower than that programmed.

To increase the duration of the relay, to manually seize the hour of end in the suitable box on STRATEGY, before the end of the relay to be modified.

This action enables you to recompute all the following relays instantaneously.

This button is inactive during the first 5 minutes of each relay. If you do not validate one or more relay, it will inform the relay in the race of its next use.

## 3. STOP RACE



For safety reasons (Accident, rain, etc) the Management of race can stop the race temporarily.

1. To immediately stop the software by CLICKING ON the BUTTON "STOP" on Synthesis
2. To preserve OPEN this window of information not to make set out again the race
3. To note the number of stop or passage by the pitlane already carried out. (On Synthesis or Planning)
4. To note times remaining for:
  - a. The race.
  - b. The next refueling.

The Management of race will provide you the hour of the new departure and time remaining for the second part.

You must consider this Restart as a new race and replanify the software.

1. On Programming 1, to modify the time of race with the time which was provided to you.
2. To remove all your modifications of strategy. Button "New Race".
3. If necessary, to modify the order of passage of the pilots according to the new departure.
4. If the Refueling is not made during the stop:

**IGNORED the new refueling planned.**

2 solutions are possible:

  - a. On "Programming 2", to activate the "REFUELING OUT OF PITLANE". A new sheet "Fuel" will open.
  - b. Or to remake the refueling at the end of the 1st turn of the second part, to readjust the refueling on the planned relays.
5. If the refueling is made during the stop: The race will set out again NORMALLY with its correctly refueling planned.
6. If necessary, to reposition your new Strategy now.

Press on button START.

Now, with you to manage and, if necessary, to validate the first refueling, according to your choice...



## 4. INTERNAL CLOCK

The software used 2 clocks synchronized to allow a management of the races up to 36 hours (Clock of PC and internal clock of software)



If the clock it is stopped, start again it.

No data will be lost and the race will take again its normal unfolding.

## 5. WEIGHT

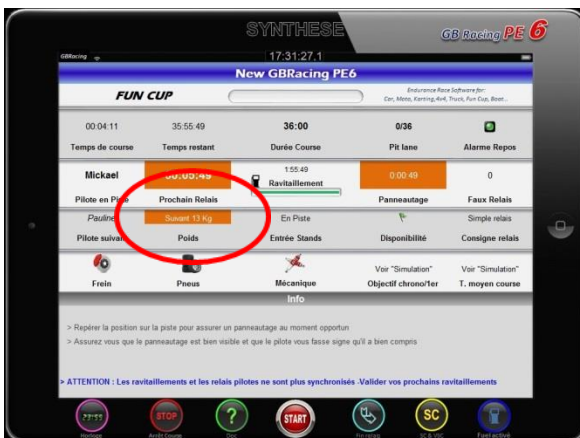
### a. Individual



Indicates the weight to be added or removed based on the weight already shipped by the previous driver.

It is not here, the total weight for each driver, but the weight differential calculated based on data entered on Schedule 2 and the sequence of choice.

### b. Average



Shows the average weight shipped by team



## 6. AVAILABILITY

Indicates the period in which it is recommended that the following driver is ready.



Driver must be prepared



Driver in preparation



Driver to rest



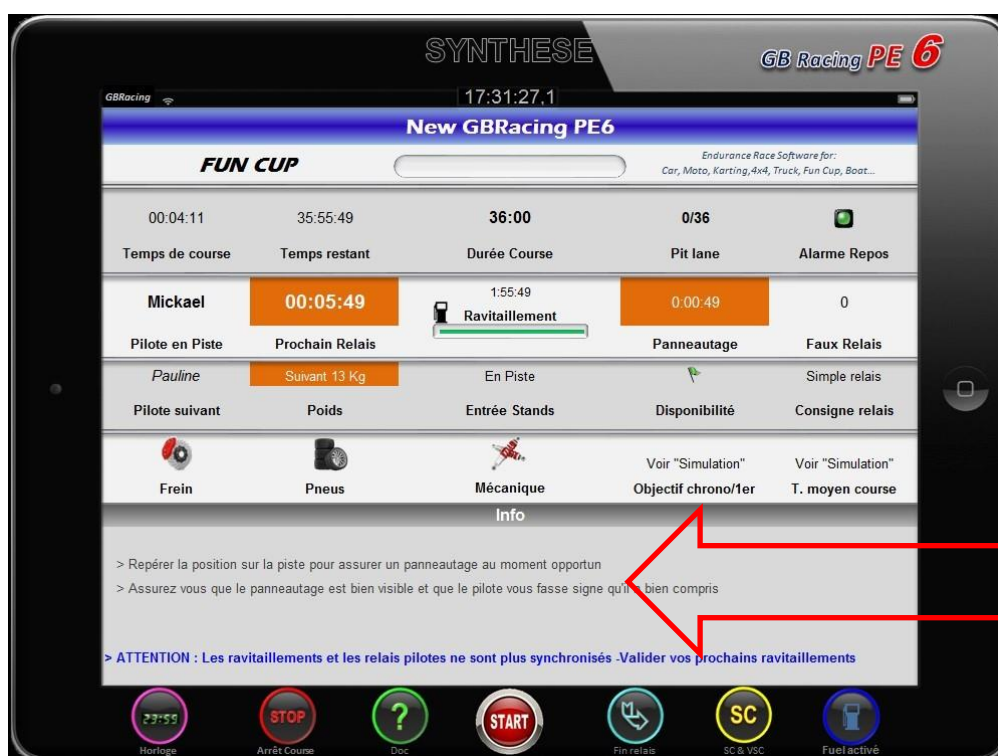
## 7. Personalized and Conditional Message

HERE you can add a personal message that is displayed on the page "SYNTHESIS"

| Time of Race |          | Personalized MESSAGE   |
|--------------|----------|--|
| start        | End      |  |
| 00:01:00     | 00:10:00 | Your Message is displayed here, to seize on the Documentation page |

HERE you can add a conditional message that is displayed on the page "SYNTHESIS"

|                      |  |                                     |
|----------------------|--|-------------------------------------|
| MECHANICS PROGRAMMED | On "Documentation", to add your message for the Programmed stops Mechanics and to validate | <input checked="" type="checkbox"/> |
| TIRES                | On "Documentation", to add your message for the change TIRES and to validate               | <input checked="" type="checkbox"/> |
| BRAKE                | On "Documentation", to add your message for the changes of BRAKE and to validate           | <input checked="" type="checkbox"/> |



## SIMULATION/CHRONO

### 1. SIMULATION

For each TEAM, to inform the number of turn and the number of relays carried out.

**Easy way:**

To control the input time of the data to add 1 turn for each TEAM and to validate at the time of the next passage of 1st on the line of timing!

Choose your position in race: Real, if you in the 6 first or Are shifted, if your position is less favorable.

For this last case, Team1 remains the head of the race, (the reference).

You position in the 5 teams available according to what you want to simulate:

Correction of the preceding teams or the management of the following teams. You will make evolve this position according to attack of your objectives.

With each modification, not to forget to click on the button "To validate" to activate your new data on SYNTHESIS.

In the table, this arrow (†) indicates to you that you turn more quickly than the competitor which precedes you.

**Interactive Simulation**

| DATA SIMULATION                                   |                      |          |           |                  |                |                          |           |                    |  |
|---|----------------------|----------|-----------|------------------|----------------|--------------------------|-----------|--------------------|--|
| TEAMS   | Relay No.            | No. TOUR | TIME/TOUR | Average gap/turn |                | Average time to catch up |           | Without remedial   |  |
| Teams names                                       | Information/Validate |          | Average   | Between Teams    | With the first | The previous             | The first | Diff. tour arrival |  |
| <input type="checkbox"/> TEAM 1                   | 0                    | 8,675    | 01:02,828 |                  |                |                          |           |                    |  |
| <input checked="" type="checkbox"/> GB RACING PE3 | 0                    | 8,425    | 01:04,692 | 00:01,864        | 00:01,864      | 01:01,271                | 01:01,271 | -0,25              |  |
| <input type="checkbox"/> TEAM 3                   | 0                    | 8,175    | 01:06,670 | 00:01,978        | 00:03,843      | 01:01,260                | 01:01,249 | -0,58              |  |
| <input type="checkbox"/> TEAM 4                   | 0                    | 7,925    | 01:08,774 | 00:02,103        | 00:05,946      | 01:01,249                | 01:01,226 | -0,75              |  |
| <input type="checkbox"/> TEAM 5                   | 0                    | 7,675    | 01:11,014 | 00:02,240        | 00:08,186      | 01:01,238                | 01:01,204 | -1,00              |  |
| <input type="checkbox"/> TEAM 6                   | 0                    | 7,425    | 01:13,405 | 00:02,391        | 00:10,577      | 01:01,226                | 01:01,182 | -1,25              |  |

Validate Your display Summary: 1st or Previous ☒ RAZ

A recall of the objectives is posted on SYNTHESIS. Its update is carried out by the button "VALIDATE"

|                      |                  |
|----------------------|------------------|
| 01:01,271            | 01:04,692        |
| Objective chrono/1er | T. Average speed |

### 2. CHRONO PITLANE

**Chrono Pitlane**

00:05,1

Démarrer Arrêter

|         |          |
|---------|----------|
| 1       | 00:04,96 |
| 2       | 00:03,76 |
| 3       | 00:05,39 |
| 4       | 00:04,44 |
| 5       |          |
| 6       |          |
| 7       |          |
| 8       |          |
| Moyenne | 00:04,64 |

Effacer

During the tests, allows you to calculate the time of average passage in the Pit lane.

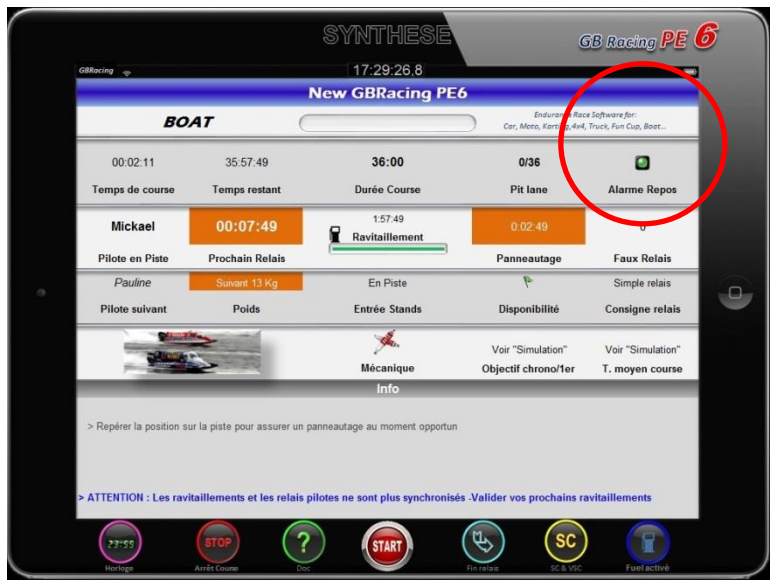
## CUMUL PILOTS

| CUMUL                               |                               |              |      |              |      |              |      |              |      |              |      |              |      |              |      |              |              |              |          |              |      |              |      |               |      |              |      |              |      |              |              |       |  |
|-------------------------------------|-------------------------------|--------------|------|--------------|------|--------------|------|--------------|------|--------------|------|--------------|------|--------------|------|--------------|--------------|--------------|----------|--------------|------|--------------|------|---------------|------|--------------|------|--------------|------|--------------|--------------|-------|--|
|                                     |                               | Session 1    |      | Repos        |      | Session 2    |      | Repos        |      | Session 3    |      | Repos        |      | Session 4    |      | Repos        |              | Session 5    |          | Repos        |      | Session 6    |      | Repos         |      | Session 7    |      | Repos        |      | Session 8    |              | CUMUL |  |
| Mickael                             | T. réel relais<br>Nbre relais | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30         | 0:30:00<br>1 | 2:30     | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1  | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 4:00:00<br>8 |       |  |
| Pauline                             | T. réel relais<br>Nbre relais | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30         | 0:30:00<br>1 | 2:30     | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1  | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 4:00:00<br>8 |       |  |
| Gilles                              | T. réel relais<br>Nbre relais | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30         | 0:30:00<br>1 | 2:30     | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30 | 00:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 4:00:00<br>8 |       |  |
| Alain                               | T. réel relais<br>Nbre relais | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30         | 0:30:00<br>1 | 2:30     | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30 | 00:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 4:00:00<br>8 |       |  |
| Shara                               | T. réel relais<br>Nbre relais | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30         | 0:30:00<br>1 | 2:30     | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1  | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 4:00:00<br>8 |       |  |
| Pierre                              | T. réel relais<br>Nbre relais | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30         | 0:30:00<br>1 | 2:30     | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1  | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 2:30 | 0:30:00<br>1 | 4:00:00<br>8 |       |  |
|                                     |                               |              |      |              |      |              |      |              |      |              |      |              |      |              |      |              |              |              |          |              |      |              |      |               |      |              |      |              |      |              |              |       |  |
|                                     |                               |              |      |              |      |              |      |              |      |              |      |              |      |              |      |              |              |              |          |              |      |              |      |               |      |              |      |              |      |              |              |       |  |
|                                     |                               |              |      |              |      |              |      |              |      |              |      |              |      |              |      |              |              |              |          |              |      |              |      |               |      |              |      |              |      |              |              |       |  |
|                                     |                               |              |      |              |      |              |      |              |      |              |      |              |      |              |      |              |              |              |          |              |      |              |      |               |      |              |      |              |      |              |              |       |  |
| ATTENTION au temps de repos minimum |                               |              |      |              |      |              |      |              |      |              |      |              |      |              |      |              | Durée Course |              | 24:00:00 |              |      |              |      |               |      |              |      |              |      |              |              |       |  |
|                                     |                               |              |      |              |      |              |      |              |      |              |      |              |      |              |      |              | Nbre relais  |              | 48       |              |      |              |      |               |      |              |      |              |      |              |              |       |  |

Joined together all times and the number of relays of each Pilot, as well as the office pluralities on the race.  
Also indicate the rest period between each relay of the same Pilot, to control with the minimum timepossibly imposed by the regulation.

ALARMS, for each pilot, inform you if the rest period, seized on PROGRAMMING 1, is exceeded.

A GENERAL ALARM, centralized on SYNTHESIS, informs you if one of the rest periods is exceeded.



His information is essential, in the case of inversion of pilot and of seize by times of END of Relay.