

# CALIBRATION

ECO-R FIA FIA ECO RALLY CUP

CEEA

Real Federación Española de Automovilismo

Antolatzailea Organizador Organizer



30/09-02/10 2022

## III ECO RALLYE BILBAO PETRONOR

Bilbao

Petronor



Babesleak / Patrocinadores / Sponsors

EUSKADI  
BASQUE COUNTRY



ENERGIAREN  
EUSKAL ERAKUNDEA  
ENTE VASCO  
DE LA ENERGÍA

Bizkaia

& LURAUTO & CO



IPIL  
TECNOLOGÍA  
Y SERVICIOS  
DE RECARGA

alba  
Emission Free Energy by Petronor

Kideak  
Socios  
Partners



GERNIKA  
LUNO

Zumarragako  
Udala

Ingeteam

MOBILIZE  
power solutions

ITSASMUSEUM

IFORPESCO-IBES  
CONSEJO REGULADOR BILBAO

AUTONERVIÓN



GAURSA

Mercedes-Benz  
Agintza

EUSKALDUNA  
BILBAO

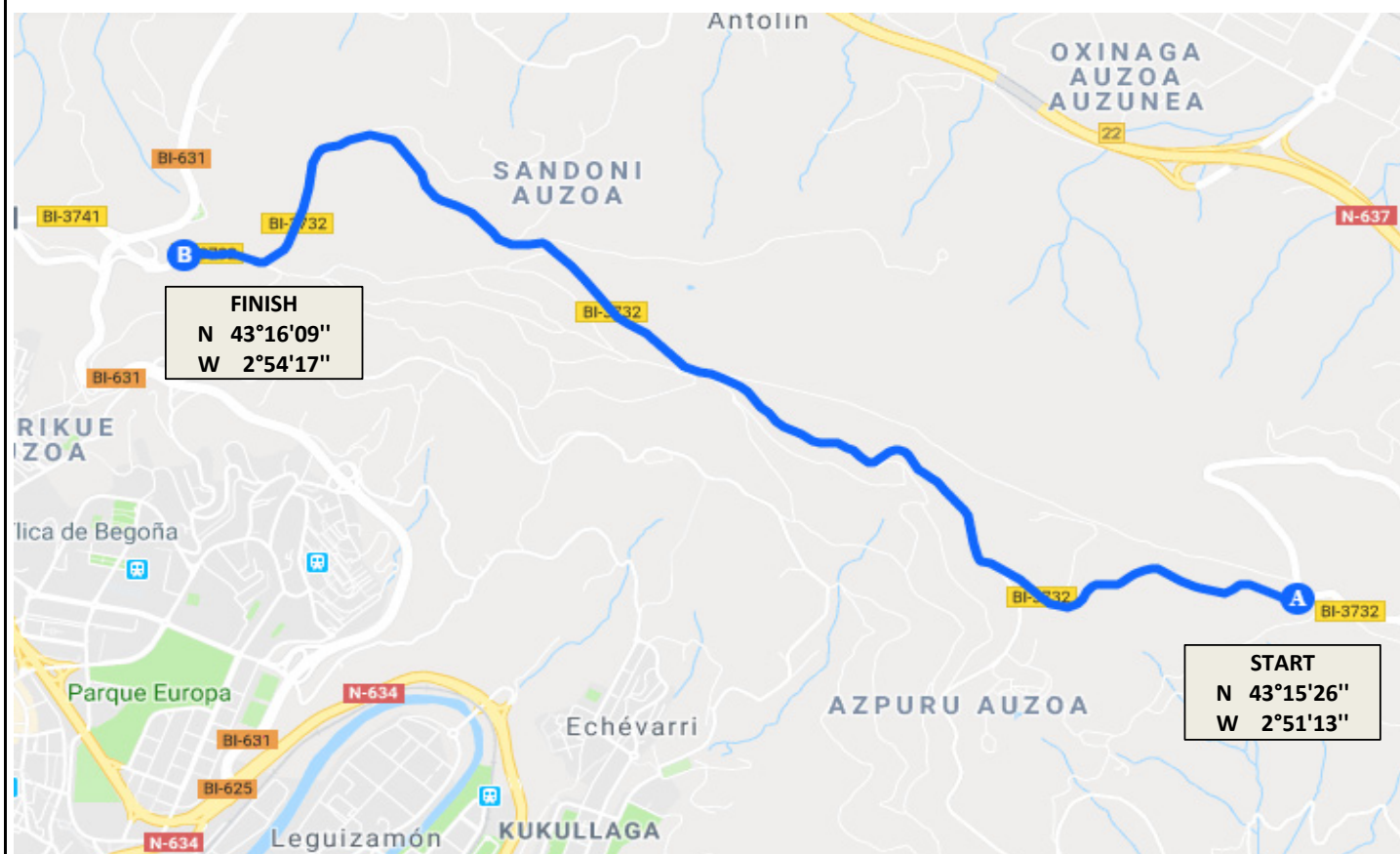
MELIÀ  
BILBAO



# ROADBOOK

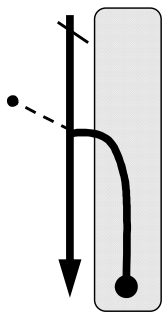
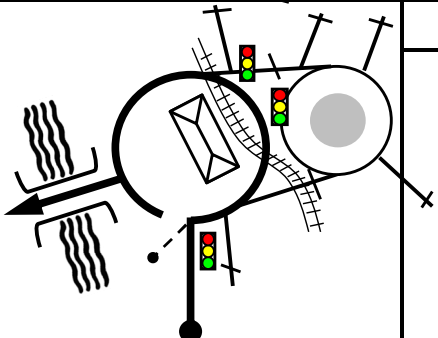
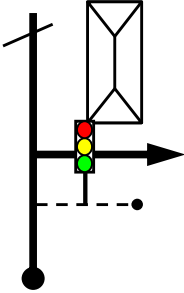
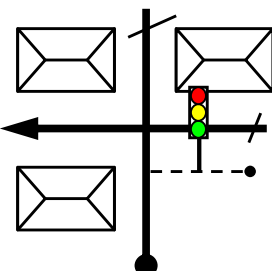
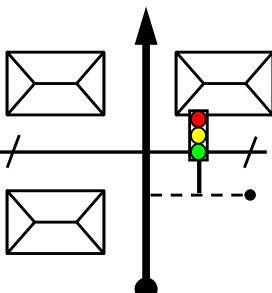
| III ECO RALLYE BILBAO PETRONOR |   |    | CALIBRATION ZONE | Distance:<br>(Km.) |
|--------------------------------|---|----|------------------|--------------------|
| From                           | ➔ | To |                  | Time allowed:      |
|                                |   |    |                  | km/h               |

| Nº | TOTAL DISTANCE | PART. DIST. | DIRECTION | INFORMATION | AV. SPEED<br>Km/h | TIME<br>h:mm:ss,0 |
|----|----------------|-------------|-----------|-------------|-------------------|-------------------|
|----|----------------|-------------|-----------|-------------|-------------------|-------------------|



***The calibration zone is located on the road BI-3732 in El Vivero, nearby Bilbao.***

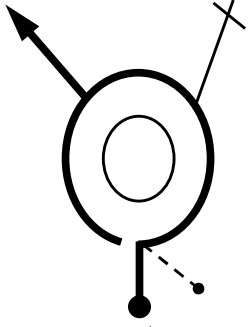
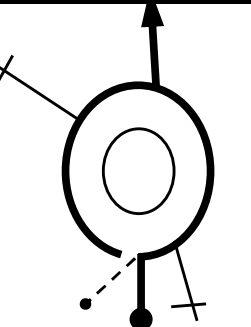

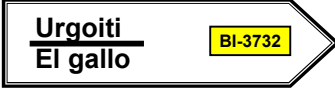
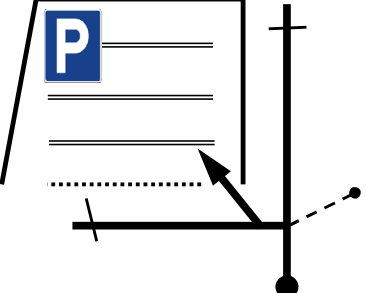
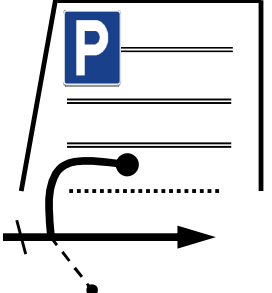
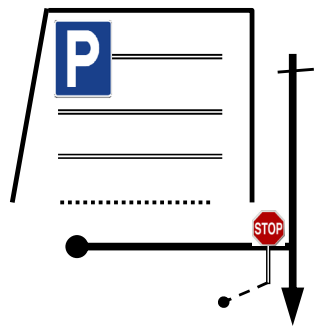

***The road book has been measured using magnets on the rear left wheel***

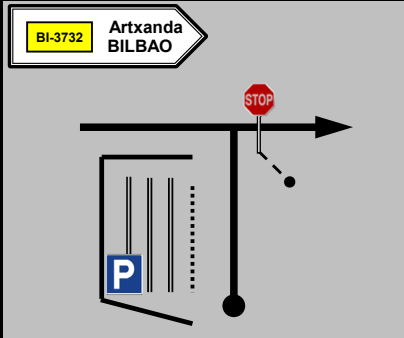
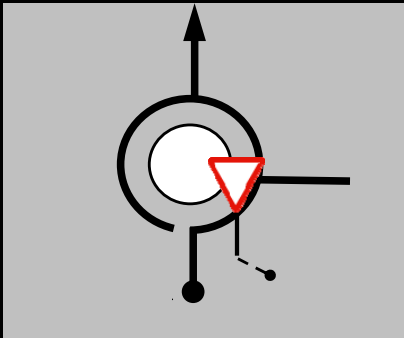

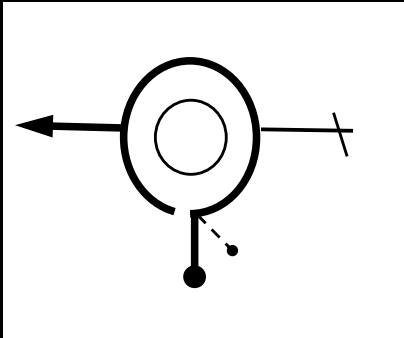
| III ECO RALLYE BILBAO PETRONOR |                |                  |   | ROAD SECTION TO CALIBRATION ZONE     | Distance: (Km.) <b>15,21</b>  |                |
|--------------------------------|----------------|------------------|---|--------------------------------------|---|----------------|
| From                           | →              | To               | Time allowed:   |                                      |   |                |
| PODIUM                         |                | CALIBRATION ZONE | km/h  |                                      |   |                |
| Nº                             | TOTAL DISTANCE | PART. DIST.      | DIRECTION   | INFORMATION                          | AV. SPEED Km/h  | TIME h:mm:ss,0 |
| 1                              | 0,000          | 0,00             |    | x Muelle Olabeaga                    |   |                |
|                                |                |                  |   | PARC FERMÉ<br><br>ITSASMUSEUM BILBAO | <div style="border: 1px solid black; padding: 5px; text-align: center;">             N 43°16'00"<br/>             W 2°56'47"           </div> |                |
|                                |                |                  |   |                                      | Dist. Regr.   | <b>15,21</b>   |
| 2                              | 0,131          | 0,13             |   | x Euskalduna                         |   |                |
|                                |                |                  |   |                                      |   |                |
|                                |                |                  |   |                                      | Dist. Regr.   | <b>15,08</b>   |
| 3                              | 0,933          | 0,80             |  | x General Eraso                      |   |                |
|                                |                |                  |   |                                      |   |                |
|                                |                |                  |   |                                      | Dist. Regr.   | <b>14,28</b>   |
| 4                              | 0,993          | 0,06             |  | x Morgan                             |   |                |
|                                |                |                  |   |                                      |   |                |
|                                |                |                  |   |                                      | Dist. Regr.   | <b>14,22</b>   |
| 5                              | 1,191          | 0,20             |  | x Morgan                             |   |                |
|                                |                |                  |   |                                      |   |                |
|                                |                |                  |   |                                      | Dist. Regr.   | <b>14,02</b>   |

Next 0,79

| III ECO RALLYE BILBAO PETRONOR |                |                  |           | ROAD SECTION TO CALIBRATION ZONE | Distance: (Km.) <b>15,21</b> |                          |
|--------------------------------|----------------|------------------|-----------|----------------------------------|------------------------------|--------------------------|
| From                           |                | To               |           |                                  | Time allowed:                |                          |
| PODIUM                         |                | CALIBRATION ZONE |           |                                  | km/h                         |                          |
| Nº                             | TOTAL DISTANCE | PART. DIST.      | DIRECTION | INFORMATION                      | AV. SPEED Km/h               | TIME h:mm:ss,0           |
| 6                              | 1,982          | 0,79             |           | BI-604                           |                              |                          |
|                                |                |                  |           | <br>                             |                              | Dist. Regr. <b>13,23</b> |
| 7                              | 3,671          | 1,69             |           | BI-604 x BI-3741                 |                              |                          |
|                                |                |                  |           |                                  |                              | Dist. Regr. <b>11,54</b> |
| 8                              | 3,846          | 0,18             |           | BI-3741                          |                              |                          |
|                                |                |                  |           |                                  |                              | Dist. Regr. <b>11,37</b> |
| 9                              | 7,575          | 3,73             |           | BI-3741                          |                              |                          |
|                                |                |                  |           | <br>                             |                              | Dist. Regr. <b>7,64</b>  |
| 10                             | 8,521          | 0,95             |           | BI-3741                          |                              |                          |
|                                |                |                  |           | <br>                             |                              | Dist. Regr. <b>6,69</b>  |

Next 0,45

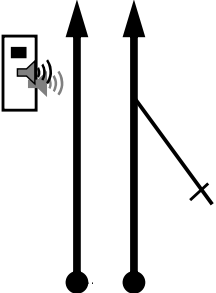

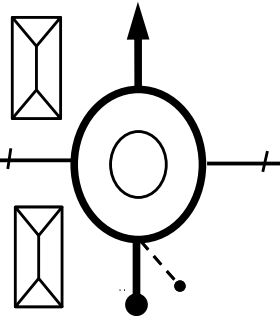
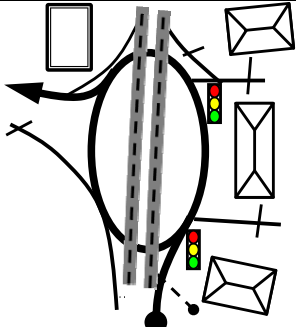

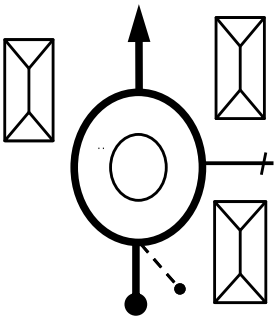
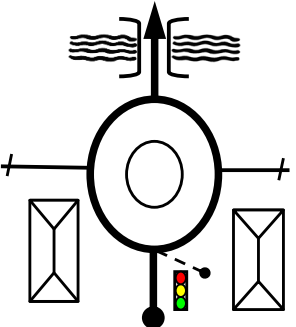
| III ECO RALLYE BILBAO PETRONOR |                |                  |   | ROAD SECTION TO CALIBRATION ZONE | Distance: (Km.) <b>15,21</b>   |   |
|--------------------------------|----------------|------------------|---|----------------------------------|--|---|
| From                           | →              | To               | Time allowed:   |                                  |  |   |
| PODIUM                         |                | CALIBRATION ZONE | km/h  |                                  |  |   |
| Nº                             | TOTAL DISTANCE | PART. DIST.      | DIRECTION   | INFORMATION                      | AV. SPEED Km/h   | TIME h:mm:ss,0                          |
| 11                             | 8,967          | 0,45             |    | BI-3741                          |  |   |
|                                |                |                  |   |                                  |  | Dist. Regr. <b>6,25</b>                 |
| 12                             | 9,549          | 0,58             |   | BI-3732                          | <br> |   |
|                                |                |                  |   |                                  |  | Dist. Regr. <b>5,67</b>                 |
| 13                             | 14,997         | 5,45             |  | Parking                          | <b>PARKING</b>   |   |
|                                |                |                  |   |                                  |  | Dist. Regr. <b>0,22</b>                 |
| 14                             | 15,107         | 0,11             |  | Parking                          |  |   |
|                                |                |                  |   |                                  |  | Dist. Regr. <b>0,11</b>                 |
| 15                             | 15,214         | 0,11             |  | BI-3732                          |  START OF CALIBRATION SECTION ON "STOP" SIGNAL                                       | <b>N 43°15'26"</b><br><b>W 2°51'13"</b> |
|                                |                |                  |   |                                  |  | Dist. Regr. <b>0,00</b>                 |

| III ECO RALLYE BILBAO PETRONOR  |                |             |   | CALIBRATION ZONE TO START PODIUM IN BILBAO   | Distance: <b>15,26</b><br>(Km.) |                           |
|---|----------------|-------------|---|--|---------------------------------|---------------------------|
| From  |                | To          |   |  | Time allowed:                   |                           |
| CALIBRATION ZONE  |                | PODIUM      |   |  | km/h                            |                           |
| Nº  | TOTAL DISTANCE | PART. DIST. | DIRECTION   | INFORMATION  | AV. SPEED<br>Km/h               | TIME<br>h:mm:ss,0         |
| 1   | <b>0,000</b>   | 0,00        |    | BI-3732<br><br>START OF CALIBRATION ZONE ON "STOP" SIGNAL / INICIO DE CALIBRACIÓN EN SEÑAL DE STOP |                                 | N 43°15'26"<br>W 2°51'13" |
| 2   | <b>5,390</b>   | 5,390       |   | BI-3732<br><br>END OF CALIBRATION ZONE ON THE SIGNAL / FIN DE CALIBRACIÓN EN SEÑAL                 |                                 | N 43°16'09"<br>W 2°54'17" |
|  |                |             |   |  |                                 |                           |
| 3   | <b>5,966</b>   | 0,58        |  | BI-3732 x BI-3741<br><br>BI-631<br>BILBAO  |                                 |                           |

Next 0,48

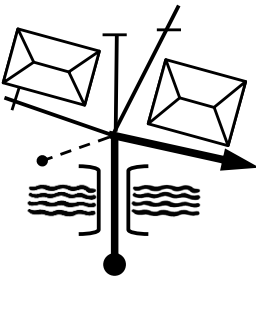
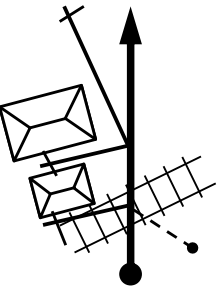
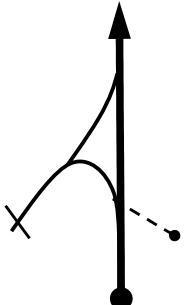
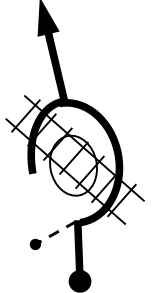
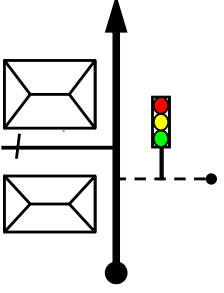
| III ECO RALLYE BILBAO PETRONOR |                |             |               | CALIBRATION ZONE TO START PODIUM IN BILBAO                 | Distance: <b>15,26</b><br>(Km.) |                   |
|--------------------------------|----------------|-------------|---------------|--|---------------------------------|-------------------|
| From                           | →              | To          | Time allowed: |  |                                 |                   |
| CALIBRATION ZONE               |                |             | PODIUM        |  |                                 |                   |
| Nº                             | TOTAL DISTANCE | PART. DIST. | DIRECTION     | INFORMATION  | AV. SPEED<br>Km/h               | TIME<br>h:mm:ss,0 |
| 4                              | 6,451          | 0,48        |               | BI-3732 x BI-631<br><br>                                   |                                 |                   |
| 5                              | 6,810          | 0,36        |               | BI-631<br><br>LEFT LINES                                   |                                 |                   |
| 6                              | 8,137          | 1,33        |               | BI-631<br><br><br>SPEED CONTROL /<br>CONTROL DE VELOCIDAD  |                                 |                   |
| 7                              | 9,564          | 1,43        |               | dir. Bilbao<br>  |                                 |                   |
| 8                              | 9,667          | 0,10        |               | BI-3725<br><br><br>SPEED CONTROL /<br>CONTROL DE VELOCIDAD |                                 |                   |

Next 0,49

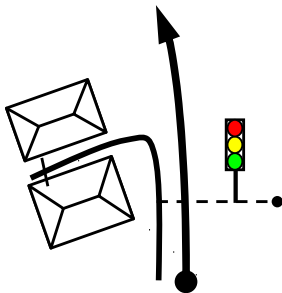
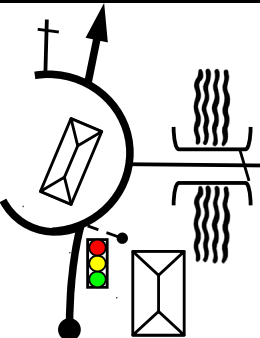
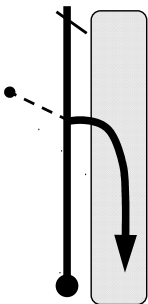
| III ECO RALLYE BILBAO PETRONOR |                |             |   | CALIBRATION ZONE TO START PODIUM IN BILBAO   | Distance: <b>15,26</b><br>(Km.) |                   |
|--------------------------------|----------------|-------------|---|--|---------------------------------|-------------------|
| From                           |                | To          |   |  | Time allowed:                   |                   |
| CALIBRATION ZONE               |                | PODIUM      |   |  | km/h                            |                   |
| Nº                             | TOTAL DISTANCE | PART. DIST. | DIRECTION   | INFORMATION  | AV. SPEED<br>Km/h               | TIME<br>h:mm:ss,0 |
| 9                              | 10,156         | 0,49        |    | BI-3725<br><br>SPEED CONTROL ON THE OTHER SIDE /<br>CONTROL DE VELOCIDAD EN EL OTRO LADO |                                 |                   |
| 10                             | 10,790         | 0,63        |   | BI-3725  |                                 |                   |
| 11                             | 11,726         | 0,94        |  | dir. Av. Zumalakarregi<br>   |                                 |                   |
| 12                             | 12,657         | 0,93        |  | dir. Plaza Ernesto Erkoreka  |                                 |                   |
| 13                             | 12,781         | 0,12        |  | dir. Bridge  |                                 |                   |

Next 0,15 Turn page quickly! / ¡Pasa página rápido!



| III ECO RALLYE BILBAO PETRONOR |                |             |   | CALIBRATION ZONE TO START PODIUM IN BILBAO | Distance: (Km.) <b>15,26</b> |                |
|--------------------------------|----------------|-------------|---|--|------------------------------|----------------|
| From                           |                | To          |   |  | Time allowed:                |                |
| CALIBRATION ZONE               |                | PODIUM      |   |  | km/h                         |                |
| Nº                             | TOTAL DISTANCE | PART. DIST. | DIRECTION   | INFORMATION                                | AV. SPEED Km/h               | TIME h:mm:ss,0 |
| 14                             | 12,929         | 0,15        |    | Uribarte                                   |                              |                |
| 15                             | 13,023         | 0,09        |    | Uribarte                                   |                              |                |
| 16                             | 13,550         | 0,53        |  | Uribarte                                   |                              |                |
| 17                             | 13,742         | 0,19        |  | Abandoibarra                               |                              |                |
| 18                             | 14,225         | 0,48        |  | Abandoibarra                               |                              |                |

Next 0,45

| III ECO RALLYE BILBAO PETRONOR |                |             |   | CALIBRATION ZONE TO<br>START PODIUM IN<br>BILBAO | Distance: <b>15,26</b><br>(Km.) |                   |
|--------------------------------|----------------|-------------|---|--|---------------------------------|-------------------|
| From                           |                | To          |   |  | Time allowed:                   |                   |
| CALIBRATION ZONE               |                | PODIUM      |   |  | km/h                            |                   |
| Nº                             | TOTAL DISTANCE | PART. DIST. | DIRECTION   | INFORMATION                                      | AV. SPEED<br>Km/h               | TIME<br>h:mm:ss,0 |
| 19                             | 14,673         | 0,45        |    | Abandoibarra                                     |                                 |                   |
|                                |                |             |   |  |                                 |                   |
| 20                             | 15,011         | 0,34        |   | Dir. Olabeaga                                    |                                 |                   |
|                                |                |             |   |  |                                 |                   |
| 21                             | 15,261         | 0,25        |  | Muelle Ramón de la Sota                          |                                 |                   |
|                                |                |             |   | FOLLOW MARSHAL'S INSTRUCTIONS                    |                                 |                   |

| III ECO RALLYE BILBAO PETRONOR |                |                  |           | ROAD SECTION TO CALIBRATION ZONE | Distance: (Km.) <b>15,21</b> |                |
|--------------------------------|----------------|------------------|-----------|----------------------------------|------------------------------|----------------|
| From                           |                | To               |           |                                  | Time allowed:                |                |
| PODIUM                         |                | CALIBRATION ZONE |           |                                  | km/h                         |                |
| Nº                             | TOTAL DISTANCE | PART. DIST.      | DIRECTION | INFORMATION                      | AV. SPEED Km/h               | TIME h:mm:ss,0 |
|                                |                |                  |           |                                  |                              |                |
|                                |                |                  |           |                                  |                              |                |