

9-11  
May  
2024



MAGYAR  
TEREP-RALLYE  
ORSZÁGOS BAJNOKSÁG 2024



# RIVERSIDE BAJA

Pápac



## SUPPLEMENTARY REGULATION

MOTOR, QUAD



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**RIVERSIDE BAJA**  
is organised by **Garilla Racing Kft.** and **Garzone s.r.o**  
on 09-11. 05. 2024.

The race has the following regulations, which will apply to all drivers and competitors signing the entry form:

- MAMS International Open Baja Championship regulations
- Traffic Regulations Hungary
- The present Supplementary Regulations and its appendices,
- Official bulletins

**MAIN LOCATIONS:**

LOCATION	ADDRESS
<b>Rally HQ</b> <b>Administrative check</b> <b>Servicepark</b>	Senior's Club: Pápoc, Vásár str. 37.
<b>Technical Scrutineering</b> <b>Final Scrutineering</b>	Fire Station: Pápoc, Vásár str. 37.
<b>Parc Fermé</b> <b>Regrouping</b> <b>Prizegiving Ceremony</b>	Culture House: Pápoc, Rába str. 8.

**Length of Selective Sections**

Leg1: Length: 116,67 km

Leg2: Length: 235,04 km

**TOTAL            351,71 km**

**Overall SS distance and total distance of the itinerary**

Number of Legs	2
Number of Sections	3
Number of Selective Sections	6
Overall length of Selective Sections	330,88 km

**PROGRAMME:**

	Location:	Date:	Time:
Publishing of the supplementary regulations	<a href="https://www.terep-rallye.hu/2024-2/riverside-baja/">https://www.terep-rallye.hu/2024-2/riverside-baja/</a> , and <a href="https://www.sams-asn.sk">sams-asn.sk</a>	02.04.2024.	12:00
Entries open		02.04.2024	12:00
Closure date of entries	<a href="https://www.terep-rallye.hu/2024-2/riverside-baja/">https://www.terep-rallye.hu/2024-2/riverside-baja/</a>	12.04.2023	18:00
Publication date of entry list		29.04.2023	08:00
Opening of Rally Office, Press Office			15:00
Administrative checks	Senior's Club, Vásár str.37. <b>According to the scheduled time!</b>	09.05.2024	15:00-19:30
Collection of navigation GPS and tracking system			15:30-19:30
Scrutineering – sealing & marking of components	Fire Station, Pápoc, Vásár str.37. <b>According to the scheduled time!</b>		
Opening of Rally Office, Press Office			07:00
Administrative checks	Senior's Club, Vásár str.37. <b>According to the scheduled time!</b>	10.05.2024	07:15-11:00
Collection of navigation GPS and tracking system			07:30-11:30
Scrutineering – sealing & marking of components	Senior's Club, Vásár str.37. <b>According to the scheduled time!</b>		

Parc Fermé in	Culture House, Pápoc, Rába str.8.-garden	10.05.2024	10:30-11:40
First Stewards Meeting	Senior's Club, Vásár str.37.		12:00
Briefing, Road Book providing	Culture House, Pápoc, Rába str.8.		12:30
Publication of start list	<a href="https://www.terep-rallye.hu/2024-2/riverside-baja/">https://www.terep-rallye.hu/2024-2/riverside-baja/</a> Sportity		
Start of the Rally – Leg 1 / Start Ceremony	Culture House, Pápoc, Rába str.8.		13:30
Prologue Start			13:45
Service	Senior's Club, Pápoc, Vásár str.37.		14:00
Regrouping	Culture House, Pápoc, Rába str.8.		15:00
SS1 Start			15:30
Service	Senior's Club, Pápoc, Vásár str.37.		16:00
SS2 Start			17:20
Service	Senior's Club, Pápoc, Vásár str.37.		17:50
Leg 1 Finish / Parc Fermé	Culture House, Pápoc, Rába str.8.		18:50
Publication of start list Leg2.	<a href="https://www.terep-rallye.hu/2024-2/riverside-baja/">https://www.terep-rallye.hu/2024-2/riverside-baja/</a> , Sportity		20:00
Leg 2 Start	Culture House, Pápoc, Rába str.8.		11.05.2024
SS3 Start	Pápoc, Lánka Patak	09:30	
Service	Senior' Club, Pápoc, Vásár str.37.	10:15	
SS4 Start	Pápoc, Lánka Patak	11:05	
Service	Senior' Club, Pápoc, Vásár str.37.	11:50	
Regrouping	Culture House, Pápoc, Rába str.8.	12:35	
SS5 Start	Pápoc, Lánka Patak	13:15	
Service	Senior Club, Pápoc, Vásár str.37.	14:00	
SS6 Start	Pápoc, Lánka Patak	14:50	
Race Finish / Parc Fermé	Culture House, Pápoc, Rába str.8.	15:42	
Final scrutineering (following the marshals' instructions)	Fire Station, Pápoc, Vásár str.37.	Immediate after arrival in the finish	
Publication of Provisional Classification	Sportity	18:30*	
Publication of Final Classification		<b>19:00</b>	
Prize giving ceremony	Culture House, Pápoc, Rába str.8	19:00	

## 1. DESCRIPCION

### 1.1 PLACE AND DATE OF THE EVENT:

**RIVERSIDE BAJA** is taking place in Pápoc surroundings, county Vas, Hungary.

### 1.2 THE RACE:

**RIVERSIDE BAJA is a  
MAMS International Open Baja Cup with international participants**

### 1.3 VISA NR:

MAMS: MAMS/022/2024

EMN: 34/355

### 1.4 LOCATION OF BAJA OFFICE:

from 18th march: GARILLA RACING KFT., H- 8200 Veszprém, Házgyári út.1.

Tel: +36-30-791-4270 / e-mail: info@garzonercing.com

web: <https://www.terep-rallye.hu/2024-2/riverside-baja/>

from 9<sup>th</sup> may: SENIOR'S CLUB, Vásár str.37., 9515 Pápoc

### 1.5 START/ FINISH:

CULTURE HOUSE, Rába str.8., 9515 Pápoc

### 1.6 PRESS OFFICE LOCATION:

LOCATION: SENIOR'S CLUB, Vásár str.37., 9515 Pápoc

### 1.7 OFFICIAL NOTICE BORD:

Digital Notice Board: SPORTITY



From PC: [https://webapp.sportity.com/channel/RIVERBAJA24\\_BIKES](https://webapp.sportity.com/channel/RIVERBAJA24_BIKES)

### 1.8 TECHNICAL SCRUTINEERING:

FIRE STATION, 9515 Pápoc, Vásár str.37.

### 1.9 PARC FERMÉ

CULTURE HOUSE: Pápoc, Rába str. 8.

### 1.10 SERVICEPARK

SENIOR'S CLUB: Pápoc, Vásár str. 37.

## 2. ORGANIZER

### 2.1 ORGANIZER'S NAME:

Organiser:	Garilla Racing Kft.	Co-Organiser: Garzone s.r.o
Organiser's representative:	Garamvölgyi Zoltán	
Street	Házgyári str.1.	Veľ'koblahovská 75/39
Post code/city:	8200 Veszprém, HU	929 01 / Dunajská Streda, SK
Phone:	+36 30 7914270	
E-mail:	info@garzoneracing.com	

## 2.3 ORGANIZING COMMITTEE:

President of the Organizing Committee: Mr. László POLGÁR  
Members of the Organizing Committee: Mr. Zoltán GARAMVÖLGYI  
Mr. Ferenc SCHEIBENHOFFER  
Mr. Ernő NOVÁKY  
Mr. Balázs NAGY

## 2.4 OFFICIALS:

Clerk of the course Mr. János FALICS  
Jury President: Mrs. Brigitta VARGA  
Chief Scrutineer Mr. József KARAI  
Medical Officer: in Bulletin  
Safety Officer: Mr. Sándor NÉMETH – Kékfény Security  
Deputy Safety Officer Mr. Ferenc SCHEIBENHOFFER  
Head of Secretary: Ms. Julianna TÖRÖK  
Competitors Relation's Officer: Mr. István MÁTRAI Jr.  
Press Officer: Ms. Réka ERŐS  
Timekeeping Results: ChronoMoto  
GPS Control Results: M-Info

## 2.5 IDENTIFICATION OF OFFICIALS:

Competitors Relation's Officer Pink tabard  
Scrutineers Blue shirt  
Post Chiefs Red tabard  
Marshals White or orange tabard



## 3. ENTRIES

### 3.1 DATES:

Opening Entries: 02.04.2024. 12:00  
Closing Entries: 12.04.2024. 18:00

### 3.2 ENTRY PROCEDURE:

You can submit your entry on the following website: <https://www.terep-rallye.hu/2024-2/riverside-baja/>.

The registration is valid only if the registration fee is transferred by the registration deadline until 2024.04.12, on-site registration is not available.

**When registering for entry, all requested documents for the administrative check must be uploaded onto the registration platform. Failure to do so will result in the registration being deemed incomplete and unacceptable.**

### 3.3 NUMBER OF ENTRIES AND GROUPS:

The number of competitors must be a minimum of 15.

Groups: Motor, Quad

If the number of entries is less than 15, the organizer reserves the right to cancel the race in the motor and quad categories. In the event of race cancellation, the organizer will refund the registration fee in full.

### 3.4 ENTRY FEE, OTHER:

#### 3.4.1. ENTRY FEE

Motor, Quad: (without advertising x1.5) Fee transferred until closing date of entry: <b>12.04.2024</b> .	210€
Team Registration:	100€

The entry fee includes:

- Additional compulsory liability insurance
- Identification and Advertising decals
- 1 Basic service plate/vehicle
- Basic service area per vehicle (30m<sup>2</sup>)
- Rent of GPS navigation and safety tracking system

For those competitors who have never participated in a Hungarian cross-country rally before, the organizer offers a 50% discount on the registration fee.

#### 3.4.2. TO BE PAYED ON SITE!

<b>Deposit</b> for GPS navigation and safety tracking system:	50 €
GPS navigation and safety tracking system <b>installation package- Purchase:</b>	50 €

For a Service area up to 30m<sup>2</sup>, max 2 entry permission can be purchased! Teams, who want to enter with more vehicles, must purchase an additional 30m<sup>2</sup> service area. Service areas requested and the number of service vehicles has to be indicated on the Entry Form.

#### 3.4.3. OTHER FEES

- additional permission to the service parc (service plate):	30 €
- Additional service area (30m <sup>2</sup> ):	30 €
- Trailers, Motorhomes, Promotion Vehicles:	60 €

### 3.5 PAYMENT METHOD:

All entry fees should be transferred to the following bank account before the Closing Entry (€):

**Bank: Slovenská Sporiteľna, a.s.**                      **Account holder: Garzone s.r.o**  
**IBANN: SK2609000000005063476359**              **SWIFT / BIC: GIBASKBX**

please note: „ENTRY FEE Riverside Baja- and Competitors name”

Signing the Entry Form, competitors agree that the GPS system operators give their data to the organizer, the event's officials.

## 4. INSURANCE

Complementary compulsory liability insurance              Included in Entry Fee!

## 5. ADVERTISING

The logos will be published in Bulletin

- 1 - Three race number panels with compulsory advertising 20 x 20 cm on each side and on the front of the vehicle
- 2 - One race number panel with compulsory advertising 30 x 30 cm to the back of the Riders jacket

Compulsory or optional advertising absent or incorrect affixing will entail a penalty of 50% of the entry fees. In case of repeated offence, it will go up to exclusion.

## 6. IDENTIFICATION

Considering MAMS General Prescription Art.nr.15.

## 7. TYRES

Considering MAMS General Prescription, suitable for general traffic use.

## 8. FUEL

Only commercially available fuel can be used, without adding any additives.

There is no petrol station along the whole track of the Riverside Baja 2024., refuelling can be done in the service park area with engine turned off. Having a min.4kg fire extinguisher and a plastic mat is mandatory! The entire refueling process in the service park is the sole responsibility of the team!

## 9. ADMINISTRATIVE CHECK

**LOCATION:** SENIOR'S CLUB, Vásár str.37., 9515 Pápoc

**TIMES SCHEDULE:** 09.05.2024 15:00-19:00, According to the arrangement!  
10.05.2024 07:15-11:00, According to the arrangement!

**When entering to the competition, it is necessary to upload the required documents for the administrative check (listed below) onto the registration platform.**

Administrative check will take place at an individually scheduled time for each crew, published on the following website: <https://www.terep-rallye.hu/2024-2/riverside-baja/> and Sportity.

Before the administrative, the GPS navigation and safety tracking system has to be collected

### DOCUMENTS TO BE PRESENTED:

Make sure to bring and present the original of the documents as well:

- Competitor's licence
- Driving licence
- Vehicle's registration document
- Vehicle's compulsory insurance policy
- Starting Permission (who is concerned)
- Authorization (if needed)

## 10. TECHNICAL SCRUTINEERING, SEALING AND MARKING

**10.1 LOCATION:** FIRE STATION, 9515 Pápoc, Vásár str.37.

**10.2 TIMES:** 09.05.2024. 15:30-19:30 According to arrangement!  
10.05.2024. 07:30-11:30 According to arrangement!

Technical Scrutineering will take place at an individually scheduled time for each crew, published on the following website: <https://www.terep-rallye.hu/2024-2/riverside-baja/> and Sportity.

Everyone is obliged to use the GPS tracking system provided by the organizers. Participants must collect the system before the administrative check and, if necessary, purchase the installation kit. The return should be made to the M-Info team in the Parc Fermé, and the deposit should also be collected from them.

Installation and usage instructions are provided in Appendix 3.



### 10.3 REQUIREMENTS AT TECHNICAL SCRUTINEERING:

- Vehicles must be presented with all start numbers, rally plates, and advertisements fixed properly on the designated place.
- Tracking equipment and inter-vehicle signalling system installed and operable even when the ignition removed, it is compulsory to provide 12V
- Scrutineering Sheet- filled up
- Mandatory protective equipment

## 11. OTHER PROCEDURES AND REGULATIONS

### 11.1 PARC FERMÉ:

Before the Start and between Legs, all vehicles must be placed to the Parc Fermé (for the night).

LOCATION: CULTURE HOUSE, Rába str.8., 9515 Pápoc

DATE: 10.05.2024. 10:30-11:40

### 11.2 BRIEFING (COMPULSORY)

LOCATION: CULTURE HOUSE, Rába str.8., 9515 Pápoc

DATE: 10.05.2024. 12:30

### 11.3 ROAD BOOK PROVIDING

Road Book for Leg1: at Briefing

Road Book for Leg2: Entering Parc Fermé at the end of Leg1

### 11.4 PROLOGUE

LOCATION: PÁPOC

DATE: 10.05.2024 13:45

### 11.5 PUBLICATION OF START LIST AND STARTING POSITION

Digital Notice Board: Sportity

### 11.6 SERVICEPARK

LOCATION: Senior's Club: Pápoc, Vásár str. 37.

Entry will be permitted in the Service Park only showing the Service Plates provided by the Organizer. Accompanying team cars can enter only by purchasing a 10.000HUF sticker at the Administrative Checks.

Using a min 2x1m protector groundsheet under the racing vehicles is mandatory. 1pc at least 4kg validated manual fire extinguisher is mandatory. Each service team has to ensure that after carrying out their activities on the site, they do not leave any pollutants. They will be checked by the environmental officer, and not complying will entail a 50.000HUF fine.

There is no petrol station along the whole track of the Riverside Baja 2024., refuelling can be done in the service park area with engine turned off. Having a min.4kg fire extinguisher and a plastic mat is mandatory!

The Organizer calls the attention of the participants, that the Service Park is not guarded at night time!

### 11.7 OFFICIAL START:

According to the Programme above.

## 11.8 TIME CARD PROVIDING/EXCHANGES

Time cards will be issued before the Start of each Leg, which must be submitted to the marshalls at the Finish of each Leg. The time card must be filled up by the competitor as instructed by the marshalls.

Time card exchanging: at regrouping.

## 11.9 LIMITED TIME DELAY

Maximum delay between two TC is 30 minutes per Leg. Delay exceeding this limit will result in disqualification.

## 11.10 FIXED PENALTY

Competitors who got fixed penalties on the day of the race, can revert to the race- at regrouping areas. up to the first vehicle's planned time. Will be evaluated only if they complete at least 50% of the selectives.

## 11.11 AVAILABILITY OF PARTICIPANTS

Participants who park their vehicles in the Parc Fermé upon passing the finish line, must remain available by phone (mobile) until the final classification have been posted.

## 11.12 ELECTRONIC START PROCEDURE AT THE START OF A SELECTIVE SECTION

The start of the selective section is happening based on an electric clock and lamp, connected to a false start alert system.

When the moto/quad arrives at the start line, the front of the motor/quad should be positioned behind a stick placed by the marshal to define the exact start position. One minute before the start time, but not before the motor/quad has stopped in its exact position, the marshal shall remove the stick and the crew shall refer to the automatic countdown clock.

Any subsequent change of the vehicle's position until its start time is not permitted and will be reported to the Stewards.

## 11.13 RECONNAISSANCE

Reconnaissance of the entire Riverside Baja route is forbidden!

## 12. PROTEST AND APPEALS

Protest fee: MAMS Cross-Country General Prescriptions

## 13. FINAL CHECKING

LOCATION: Fire Station, 9515 Pápoc, Vásár str.37.

TIME: 11.05.2024. Immediate after arrival in the finish

## 14. RESULTS

Digital Notice Board: Sportity, [www.chronomoto.hu](http://www.chronomoto.hu)

## 15. PRIZES

### 15.1 PRIZE GIVING CEREMONY:

LOCATION: CULTURE HOUSE, Rába str.8., 9515 Pápoc

TIME: 11.05.2024. 19:00

## 15.2 PRIZES:

Overall 1-3 - cup

Categories 1-3 - cup

## Appendix 1\_Competitors Relation Officer



MÁTRAI István Jr.

+36 20 417 62 49

### Tervezett időbeosztás / Estimated working plan

Péntek Friday 10. May	Átvételek/Admin check Technikai átvétel / Scrutineering Briefing / Start TC / Start Ceremony PF/Parc Fermé Szervizpark/Service Area	07:00-12:00 07:30-12:30 13:30
Szombat Saturday 11. May	PF/Parc Fermé Szervizpark/Service Area PF/Parc Fermé	08:45

## Appendix 2\_ ITINERARY



RIVERSIDE BAJA 2024

MOTO



**MAGYAR**  
**TEREP-RALLYE**  
ORSZÁGOS BAJNOKSÁG 2024

Stage 1								2024.05.10. PÉNTEK / FRIDAY			
Sunrise		5:21				20:15		Sunset			
IE/TC	Location	SS Maximum Time	SS Km	Liasion Km	Total Km	Target Time	1st vehicle Due				
TC0A	Parc Fermé OUT, Podium/Rajtceremónia						13:30	Section 1			
TC0B	Pápoc			4,21	4,21	0:10	13:40				
DSS P	START - PROLÓG					0:05	13:45				
ASS P	FINISH - PROLÓG	0:30	20,03		24,24	( 0:17 )	( 14:02 )				
Pápoc (Expected time of arrival)											
SERVICE / SZERVIZ A ( 60 ' )											
TC0C	Gyűjtőállomás BE / Regrouping IN			2,24	26,48	1:00	15:02	Section 2			
Gyűjtőállomás / Regrouping											
TC0D	Gyűjtőállomás KI / Regrouping OUT						15:20				
TC1	Pápoc			1,28	27,76	0:05	15:25				
DSS 1	START - PÁPOC / 1					0:05	15:30	Section 3			
ASS 1	FINISH - PÁPOC	0:45	37,88		65,64	( 0:32 )	( 16:02 )				
Pápoc (Expected time of arrival)											
SERVICE / SZERVIZ B ( 45 ' )											
TC1A	Szerviz KI / Service OUT			0,23	65,87	0:45	16:47	Section 3			
TC1B	Gyűjtőállomás BE / Regrouping IN			0,48	66,35	0:05	16:52				
Gyűjtőállomás / Regrouping											
TC1C	Gyűjtőállomás KI / Regrouping OUT						17:10				
TC2	Pápoc			1,28	67,63	0:05	17:15	Section 3			
DSS 2	START - PÁPOC / 2					0:05	17:20				
ASS 2	FINISH - PÁPOC	0:45	37,88		105,51	( 0:32 )	( 17:52 )				
Pápoc (Expected time of arrival)											
SERVICE / SZERVIZ C ( 60 ' )											
TC2A	Parc-Ferme BE / Parc-Ferme IN			0,72	106,23	1:00	18:52	Section 3			
Day Total											
		95,79	10,44	106,23							
		90,17%	9,83%	100%							
		SS km	Liasion km	Total km							



# RIVERSIDE BAJA 2024

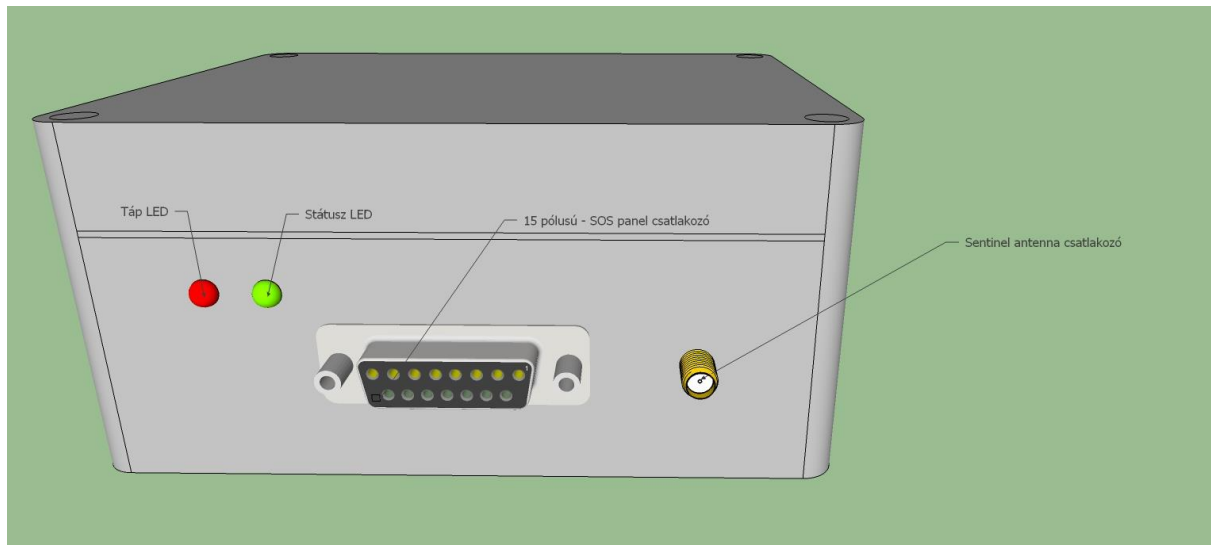
MOTO



**MAGYAR**  
**TEREP-RALLYE**  
ORSZÁGOS BAJNOKSÁG 2024

Stage 2								2024.05.11. SZOMBAT / SATURDAY	
Sunrise		5:19				20:16		Sunset	
IE/TC	Location	SS Maximum Time	SS Km	Liasion Km	Total Km	Target Time	1st vehicle Due		
TC2B	Parc Fermé OUT,						9:20		
TC3	Pápoc			1,28	1,28	0:05	9:25		
DSS 3	START - PÁPOC / 3					0:05	9:30		
ASS 3	FINISH - PÁPOC	1:00	53,30		54,58	( 0:45 )	( 10:15 )		
	Pápoc						(Expected time of arrival)		
SERVICE / SZERVIZ D (40')									
TC3A	Szerviz KI / Service OUT			1,75	56,33	0:40	10:55		
TC4	Pápoc			1,45	57,78	0:05	11:00		
DSS 4	START - PÁPOC / 4					0:05	11:05		
ASS 4	FINISH - PÁPOC	1:00	53,30		111,08	( 0:45 )	( 11:50 )		
	Pápoc						(Expected time of arrival)		
SERVICE / SZERVIZ E (40')									
TC4A	Szerviz KI / Service OUT			1,75	112,83	0:40	12:30		
TC4B	Gyűjtőállomás BE / Regrouping IN			0,48	113,31	0:05	12:35		
Gyűjtőállomás / Regrouping									
TC4C	Gyűjtőállomás KI / Regrouping OUT						13:05		
TC5	Pápoc			1,28	114,59	0:05	13:10		
DSS 5	START - PÁPOC / 5					0:05	13:15		
ASS 5	FINISH - PÁPOC	1:00	53,83		168,42	( 0:46 )	( 14:01 )		
	Pápoc						(Expected time of arrival)		
SERVICE / SZERVIZ F (40')									
TC5A	Szerviz KI / Service OUT			0,23	168,65	0:40	14:41		
TC6	Pápoc			1,45	170,10	0:05	14:46		
DSS 6	START - PÁPOC / 6					0:05	14:51		
ASS 6	FINISH - PÁPOC	1:00	53,83		223,93	( 0:46 )	( 15:37 )		
	Pápoc						(Expected time of arrival)		
TC6A	Pápoc			0,72	224,65	0:05	15:42		
Day Total			214,26	10,39	224,65				
			95,38%	4,62%	100%				
			SS km	Liasion km	Total km				

# Rallyinfo.hu - Technical description of the operation of the GPS system V1



Pic. No. 1.: **GPS box**

Sizes: 115x90x55mm

Weight: 340g + pipe clamps 110g

### General operating principle of GPS measurements:

The GPS is an advanced positioning system for three-dimensional position determination, timing and velocity measurements can be carried out by land, sea or air. Accuracy is typically of the order of meters, but the environmental conditions can affect significantly. In the sky from the flat ground there are 7-25 satellites visible at the same time, of which for positioning at least three, for the height above sea level one additional satellite is necessary for determination. The GPS satellites are broadcasting at six frequencies. Each satellite broadcasts spread spectrum signal which may be "pseudo-random noise" called for.

The positioning is based on the theory of analytic geometric methods. The satellite positioning system is based on timing recycle distance measurement. Since we know the velocity of radio waves, and we know the date of issue and receipt of radio waves, can be determined based on the distance of the source of these. In the three-dimensional space knowing the exact measured distance from three known positions we are able to determine the position. Measuring the distance with other satellites we are able to improve this value.

Cause A significant distortion in the system can be caused by the effect of atmospheric to the radio waves. At the description of the calculations we assumed that to simply calculate with the distance = rate x time formula. This is true, but that the speed of radio waves are only constant in the vacuum pressure.

### Evaluation of data

The evaluation of uploaded data can be determined inf two different ways.

Initial assessment of the competition supervision interface, real time data available online. This means the data that the device has been uploaded to the central database and downloaded online, analyzed by the supervisory program. The yet uploaded, or not yet analyzed data will be carried over in the subsequent analysis. Not uploaded data case occurs when the device is in the absence of strenght of GSM signal, and can not upload data to the central database. In the case where the data is available online in the database, but local network is busy or the downloads has interrupted due to bad network relationship, then the analysis of loss data only partially can take place online.

Alternate method is retrospective data analysis. In this case, the data collected what has been received by a specified time interval sets the database to a file, and the data can be evaluated from point to

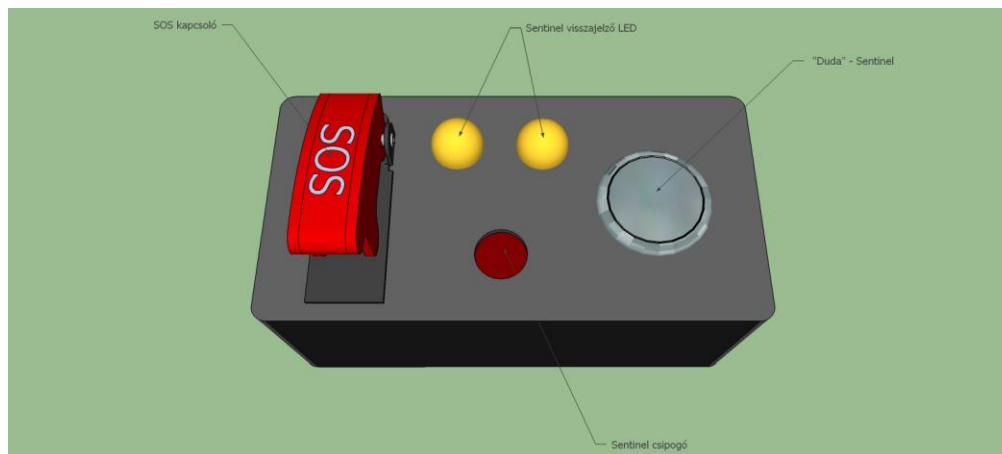
point.

### Vehicle to Vehicle Alarm (VTVA) function

The device has a frequency of 433 MHz using radio module, which is broadcasting the data of an encoded in advance "bagpipe" and SOS functions corresponding sets of data, for the tools staying in range. The range distance can be greatly affected by ambient atmospheric conditions and terrain. The device has adjustable transmission power. This value is not possible adjustable during the race. Currently, the vehicle to vehicle alarm system has two functions:

- "Toot" function, which indicates the overtaking intent of a VTVA equipped car up to 100m distance. Pressing the SOS button, placed in the box, a red LED indicates the start, which lasts for 5 seconds. In the event that the other device receives the sent signal, then this confirms to the sending device and the server uploads the signal, and at the same time, in the overtaken vehicle's SOS panel's LED will lit blue with a beep sound (continuous), and in the overtaker's vehicle the LED color changes from red to blue light, no beep sound here. The indicator remains on the overtaken's vehicle for 10 seconds. Then, each signal is switched off until a next signal.

- Send SOS signal devices within range. This feature will be active if on the SOS panel, the SOS switch is turned on. Send the device continues the signal, until the SOS switch is turned on. In the case where a device receives the SOS signal, on the SOS panel the red and blue LED will blink, with a pulse (0.5 s) alarm signal, as long as is still within range. This feature requires a power supply operation.



Pic.No. 2.: **SOS Panel**

Sizes: 95x48x67mm

Weight: 120 g

### Tool installation

- SOS panel, vehicle to vehicle alarm system antenna placement: Previously purchased SOS panel's red and black wires with the 2poled TMWS2T connector must be connected to the 5A fuse mating port (horizontal shoe positive, vertical shoe negative polarity), 15 poled connector's end has to be wired with the right B column. SOS panel should be placed on the dashbord in such a way that both the driver and the navigator can reach. The adhesive antenna supplied shall be affixed to the top right corner of the windshield horizontally, the end of the cable wired to the right-hand column B.

- Installing the device: The device received at the Administrative check must be connected to the previously purchased and installed SOS panel and vehicle to vehicle alarm system antenna. The device must be fixed in the right column B with 2 clamps so that the device does not move and the visibility ensured.





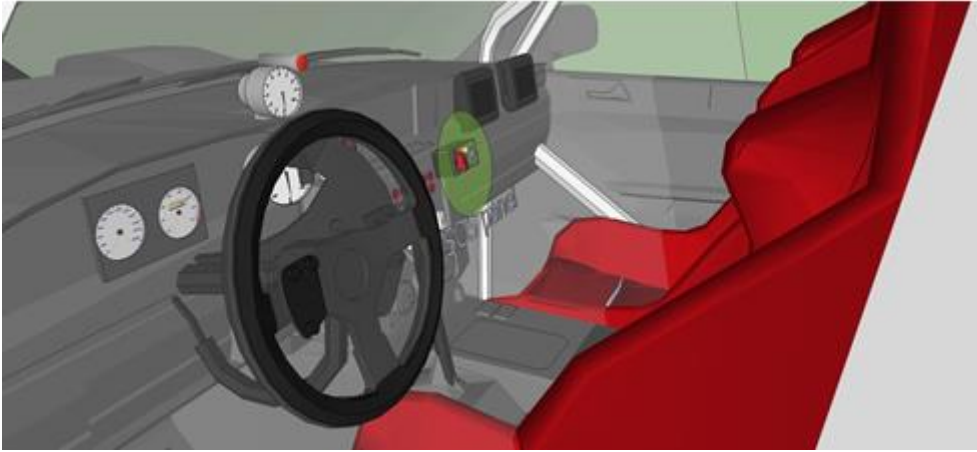
Pic.No. 3.: How to install 1.4



Pic. No. 4.: How to install 2.4



Pic. No. 5.: How to install 3.4



Pic. No. 6.: How to install 4.4

- To verify the functionality of the device will take place at the Technical Scrutineering.
- At the end of the race the device should be returned to the colleagues, where the deposit will be repayed. In case if the device has any problem, until identifying the problem, the competitor is entitled to the deposit only after a corresponding deduction.

More info:

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