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Appendix 1\_Timetable

Appendix 2\_Relations crew officer

Appendix 3\_ Instruction for the use of the Tracking System

# Nyír1 BAJA is organised by Garilla Racing Kft. on 08-10. 07. 2021.

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

	Location:	Date:	Time:
Publishing of the supplementary regulations	https://www.torop	10.05.2021.	12:00
Entries open	https://www.terep- rallye.hu/bajnoksag/versenyek/2021-	01.06.2021	12:00
Closure date of entries	2/nyir1-baja/	02.07.2021	18:00
Publication date of entry list		05.07.2021	08:00
Scrutineering – sealing & marking of components	BELME AUTÓSZERVIZ 4320. Nagykálló Korányi Frigyes út 90. According to the scheduled time! From 08.07.2021!		08:00-12:00
Administrative Checks	_		08:00-12:00
Collection of Road Book	Kálló Étterem		
Collection of navigation GPS and tracking system	4320.Nagykálló Korányi Frigyes út 37.  According to the scheduled time!  From 08.07.2021		08:00-12:00
Opening of Rally Office, Press Office	Kálló Étterem 4320.Korányi Frigyes út 37.		08:00-20:00
First Stewards Meeting			12:00
Briefing	ONLINE	09.07.2021	40.00
Publication of start list	https://www.terep- rallye.hu/bajnoksag/versenyek/2021-2/nyir1-baja/	09.07.2021	12:30
Park Fermé open		=	08:15-12:15
Start of the Rally- Leg 1			13:00
SS1 Start			13:30
Service A			14:30
Regrouping	Sporttelep		15:00
SS2 Start (Challenge category also)	4320.Nagykálló, Mártírok útja 70.		15:30
Service B			17:00
Regrouping			17:30
Start Ceremony			18:00
Leg 1 Finish / Parc Fermé			18:30
Publication of start list Leg2.			20:00
Leg 2 Start			08:00
SS3 Start			08:15
Service C			09:55
Regrouping	Sporttelep		10:25
SS4 Start (Challenge category also)	4320.Nagykálló, Mártírok útja 70.		10:40
Service D	4320.Nagykallo, Martilok dija 70.		13:00
Regrouping			13:30
SS5 Start			13:45
Service E		10.07.2021	15:25
Regrouping			15:55
SS6 Start (Challenge category also)	Sporttelep		16.10
Race Finish / Parc Fermé	4320.Nagykálló, Mártírok útja 70.		17:15
Final scrutineering (following the marshals' instructions)	4020.14agykallo, Martilok uga 70.		Immediate after arrival in the finish
Publication of Provisional Classification	https://www.terep-		18:30*
Publication of Final Classification	rallye.hu/bajnoksag/versenyek/2021-2/nyir1-baja/		19:00
Prize giving ceremony	ТВА		19:30**

\*After the Jury have declared the Classification final.

\*\*If the covid restrictions will allow!

## 1. DESCRIPCION

## 1.1 PLACE AND DATE OF THE EVENT:

**Nyír1 BAJA i**s taking place in Nagykálló surroundings, country Szabolcs-Szatmár-Bereg, Magyarország.

## 08-09.07.2021.

Administrative check at the scheduled time: Kálló Étterem Nagykálló Scrutineering at the scheduled time: Belme Autószerviz Nagykálló

Start: Nagykálló
Selective stages: SS1 – SS2
Service park: Nagykálló
Leg Start: Nagykálló
Leg Finish: Nagykálló

10.07.2021.

Start: Nagykálló

Selective stages: SS3 – SS4 – SS5 – SS6

Service park: Nagykálló
Leg Finish: Nagykálló

1.2 THE RACE:

**NYÍR1 BAJA** 

is a

MAMS International Open Baja Cup with international participants

**1.3 VISA NR:** 

MAMS: MAMS/042/2021, EMN: 34/275

1.4 SECRETARIAT:

LOCATION: Kálló Étterem 4320.Nagykálló, Korányi Frigyes út 37.

1.5 START/ FINISH:

START LOCATION: Sporttelep 4320, Nagykálló, Mártírok útja 70. FINISH LOCATION: Sporttelep 4320, Nagykálló, Mártírok útja 70.

1.6 PRESS OFFICE LOCATION:

LOCATION: Kálló Étterem 4320.Nagykálló, Korányi Frigyes út 37.

## 1.7 OFFICIAL NOTICE BORD:

Digital Notice Board: <a href="https://www.terep-rallye.hu/bajnoksag/versenyek/2021-2/nyir1-baja/">https://www.terep-rallye.hu/bajnoksag/versenyek/2021-2/nyir1-baja/</a> Taking in consideration the current pandemic situation, only Digital Notice Board will work!

## 1.8 SELECTIVE SECTIONS, THE AVERAGE ALTITUDE ABOVE SEA LEVEL: 1000 m

# **Length of Selective Sections**

Leg1: Lenght: 39 km Leg2: Lenght: 225 km

# Overall SS distance and total distance of the itinerary

Number of Legs2Number of Sections2Number of Selective Sections6Total distance of the itinerary334 kmOverall length of Selective Sections264 km

The average altitude above sea level of The **Nyír1 Baja** Selective Sections is under 1000 meters.

## 2. ORGANIZER

## 2.1 ORGANIZER'S NAME:

Garilla Racing Kft.

# 2.2 ORGANIZER'S ADDRESS AND CONTACT DETAILS:

# Garilla Racing Kft.

Responsable for competition: Garamvölgyi Zoltán

info@garzoneracing.com Phone: +36 30/791-427

## 2.3 ORGANIZING COMMITTEE:

President of the Organizing Committee: Mr. Attila CSATÓ

Members of the Organizing Committee: Mr. Zoltán GARAMVÖLGYI

Mr. Tibor TÓTH

# 2.4 OFFICIALS:

Clerk of the course Mr. Richárd KELEMEN
Jury President: Ms. Brigitta VARGA
Chief Scrutineer Mr. László MÉSZÁROS

Medical Officer: Dr. TBA Safety Officer: Mr. TBA

Head of Secretary:

Ms. Julianna TÖRÖK

Competitors Relation's Officer: Ms. Marianna MAGYAR KELEMENNÉ

Press Officer: Mr. László B. MOLNÁR

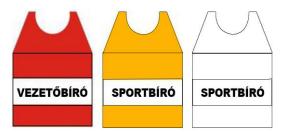
Timekeeping Results: ChronoMoto Kft.

GPS Control Results: M-Info

## 2.6 IDENTIFICATION OF OFFICIALS:

Competitors Relation's Officer Pink armband
Scrutineers Blue shirt
Post Chiefs Red tabard

Marshals White or orange tabard



# 3. ENTRIES

# **3.1 DATES:**

Opening Entries: 25.05.2021. Closing Entries: 02.07.2021.

## **3.2 ENTRY PROCEDURE:**

You can submit your entry on the following website:

https://www.terep-rallye.hu/bajnoksag/versenyek/2021-2/nyir1-baja/.

Signed Entry Forms, together with the proof of transfer payment, and scan copies or pictures of all documents related to Administrative Checks hould be sent to the following email address: <a href="mailto:nyir1baja@gmail.com">nyir1baja@gmail.com</a>

## 3.3 NUMBER OF ENTRIES AND GROUPS:

The number of competitors must be a minimum of 15 vehicles.

Groups: Motor, Quad

## 3.4 ENTRY FEE, OTHER:

## **3.4.1. ENTRY FEE**

Motor, Quad: (without advertising x1.5) 200€ Team Registration: 100€

The entry fee includes:

- Additional compulsory liability insurance
- 1 Basic service plate/vehicle
- Basic service area per vehicle (30m2)
- Rent of GPS navigation and safety tracking system

# 3.4.2. TO BE PAYED ON SITE!

Deposit for GPS navigation and safety tracking system: 50 €
 GPS navigation and safety tracking system installation package- Purchase: 50 €
 or GPS navigation and safety tracking system installation package- Rent: 20 €

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 2): 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 (€):

## Vital-Sziget Kft.

K&H Bank Számla szám: 10401093-50505557-51491006

Közösségi adószám: HU14567810

IBAN: HU55 1040 1093 5050 5557 5149 1006

SWIFT: OKHBHUHB

please note: "ENTRY FEE Nyír1 Baja and Competitors name"

The Application form will be accepted only with the proof of payment of the fee. Entries, after the Entry Deadline, will be considered 'Registration on the spot' by the Organizer! (150%)

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

# 4. INSURANCE

# 5. ADVERTISING

In Bulletin.

## 6. IDENTIFICATION

Considering MAMS General Prescription Art.nr.15.

# 7. TYRES

Considering MAMS General Prescription Art.nr.11.

# 8. FUEL

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

There are only in part petrol stations along the whole track of the **Nyír1 Baja**., refuelling can be done in the serviceparc 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

9.1 LOCATION: Kálló Étterem 4320.Nagykálló, Korányi Frigyes út 37.

**9.2 TIMES SCHEDULE: 08-09.07.2021** 08:00-12:00, According to the arrangement!

GPS tracking system rental is compulsory before the administrative check.

Only 3 competitors are allowed in the office at a time. Wearing a masc is mandatory!

## 9.3 DOCUMENTS TO BE PRESENTED:

In consideration of the present pandemic situation, we politely ask everybody to send scan copies of all required documents related to Administrative checks to julianna@garzoneracing.com.

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: Belme Autószerviz 4320. Nagykálló, Korányi Frigyes út 90.
10.2 TIMES: 08-09.07.2021. 08:15-12:00 According to arrangement!

Competitors has to present for technical scrutineering with their helmets!

# 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
- Competitor's helmet

# 10.4 PARC FERMÉ:

Following the technical scrutineering, each vehicle must be set in Parc Fermé up to 12:00. 09.07.2021.

Location: Sporttelep 4320, Nagykálló, Mártírok útja 70.

## **10.5 SAFETY REQUIREMENTS:**

All competitors are obliged to use a GPS Navigation and Safety Tracking System, and to Buy/Rent the installation kit before the Administrative Check. Returning the GPS at the Parc Fermé to the M-Info crew, collecting the deposit at the Rally Office.

The instruction for the use of the Tracking System is in the Appendix 3. of these Supplementary Regulation.

## 11. SUPERSPECIAL STAGE

No Superspecial Stage.

## 12. START OF THE EVENT

## 12.1 PARC FERME BEFORE THE OFFICIAL START:

LOCATION: Sporttelep 4320, Nagykálló, Mártírok útja 70.

DATE: 09.07.2021. 08:00-12:00

# 12.2 BRIEFING (COMPULSORY) ONLINE!

LOCATION: Kálló Étterem 4320.Nagykálló, Korányi Frigyes út 37.

DATE: 09.07.2021. 12:30

## 12.3 PUBLICATION OF STARTING LIST AND STARTING POSITION:

According to the programme above.

## **12.4 OFFICIAL START:**

According to the programme above.

## 13. RUNNING OF THE EVENT

## 13.1 ROAD BOOK PROVIDING

Leg1: at the Administrative Check

Leg2: at the Friday evening's Parc Fermé

## 13.2 TIME CARD PROVIDING/EXCHANGES

Time cards will be issued before the Start of each Leg, wich 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 judges.

Time card exchanging: at regrouping.

## 13.3 LIMITED TIME DELAY

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

## **13.4 FIXED PENALTY**

Competitors who got fixed penalties on the day of the race, can revert to the race- at regrouping areas and parc –fermé at the end of the day, until the first vehicle's planned time, in compliance with the other rules described in the TROB Regulations. The Timecard and Time shedule contains the maximal times at the selective stages

# 13.5 EARLY CHECK IN AT THE END OF LEG:

In case of early arrival at the end of Leg to the Parc Ferme Finish, at the time controls, competitors will not be penalized.

## 13.6 PARC FERMÉ:

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

LOCATION: Sporttelep 4320, Nagykálló, Mártírok útja 70.

## **13.7 FAULT START:**

Vehicles, that cannot take the Start- in accordance with the TROB General Prescriptions point 41.1 can be pushed out from the timecontrol zone.

## 13.8 OTHER PROCEDURES, REQUIREMENTS

Regarding to the COVID-19 epidemic, the Organizer makes the following provisions: According to the Government Decree 264/2021(V.21.) on protection measures to be applied during an emergency, the Organizer does allow the public to attend the event! The Event will run behind 'Closed Gates'!

At the event, all participants are obliged to comply with the requirements of the Government Decree as well as the hygiene requirements and social distancing of 1.5 meters, wearing a masc is mandatory! Only 3 competitors are allowed in the Rally Office at a time.

The Organizer took into account the current government decree, in case of any changes, the Organizer reserves the right to amend the event.

## 13.9 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.

# **13.10 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 car arrives at the start line, the front of the car 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 car 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 car's position until its start time is not permitted and will be reported to the Stewards.

# 14. SERVICEPARK

14.1 LOCATION: 09.07.2021 Sporttelep 4320,Nagykálló, Mártírok útja 70.

10.07.2021 Sporttelep 4320, Nagykálló, Mártírok útja 70.

# 14.2 OTHER:

Entry will be permitted only to Service Vehicles showing the Service Plates. 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 walidated 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 scrutineers, and not complying will entail a 50.000HUF fine.

There are only in part petrol stations along the whole track of the **Nyír1 Baja**, 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!

## 15. PROTEST AND APPEALS

Protest fee: MAMS Cross-Country General Prescriptions

# **16. FINAL CHECKING**

LOCATION: Sporttelep 4320, Nagykálló, Mártírok útja 70.

TIME: 10.07.2021. Immediate after arrival in the finish

# 17. RESULTS

## 17.1 PUBLICATION PROVISIONAL OVERALL CLASSIFICATION:

Digital Notice Board: <a href="https://www.terep-rallye.hu/bajnoksag/versenyek/2021-2/nyir1-baja/">https://www.terep-rallye.hu/bajnoksag/versenyek/2021-2/nyir1-baja/</a>

TIME: 10.07.2021. 19:00

## 17.3 PUBLICATION FINAL OFFICIAL CLASSIFICATION:

Digital Notice Board: <a href="https://www.terep-rallye.hu/bajnoksag/versenyek/2021-2/nyir1-baja/">https://www.terep-rallye.hu/bajnoksag/versenyek/2021-2/nyir1-baja/</a>

TIME: 10.07.2021. 19:30

## 18. PRIZES

## **18.1 PRIZE GIVING CEREMONY:**

If the covid restrictions will allow!

LOCATION: TBA

TIME: 10.07.2021. 20:00

#### **18.2 PRIZES:**

Overal 1-3 - cup Categories 1-3 - cup

# 19. ORGANIZER'S OTHER ANNOUNCEMENTS

Reconnaissance of the entire **Nyír1 Baja** route is forbidden!

# **LICENCE NR:**

MAMS: MAMS/042/2021, EMN: 34/275

	NYír1 BAJA 2021			day 2021. 07					1
	Sunrise: 04:56					Sunset: 20:	41		
IE/TC	Helyszín/ Location	MAX TIME	Gyors.táv	Közúti táv	Össz táv	Etap idő	1. autó		1
		hh:mm	SS Km	Liaison Km	Total Km.	Target time	1 st car	L	
TC0	PARC FERME KI/OUT						13:00		
TC1	Újszőlőskert			14,01	14,01	0:25	13:25		ı
DSS1	START Újszőlőskert	0:40				0:05	13:30	tion	ı
ASS1	FINISH Lehel u. 29	0.40	19,49			Expected time of arrival	14:00	section	ı
	Lehel u.29							Ψ.	
	SERVICE A		(19,49)	(14,01)	(33,50)				
TC1A	GYűjtő Be / REGROUPING IN			2,65		0:30	14:30		
TC1B	Gyűjtő KI/ REGROUPING OUT					0:30	15:00		
TC2	Újszőlőskert			14,01		0:25	15:25		
DSS2	START Újszőlőskert II. +CH					0:05	15:30	on	
ASS2	FINISH Lehel u. 29 II.	0:40	19,49			Expected time of arrival	16:00	section	
	Lehel u.29						anio oi anivai		2. s
	SERVICE B		(19,49)	(19,31)	(38,80)				
TC 2A	Service Out - PARC FERME BE/IN			2,85		1:30	17:30		
	PARC FERME KI/OUT					0:30	18:00	ud	
	RAJT CEREMONIA							section	
TC 2C*	PARC FERME BE/IN			3,5		0:30	18:30	3. s	
	FRIDAY TOTALS		38,98	37,02	76,00			_	
	NYír1 BAJA 2021	×	Szombat/	Saturday 202	21, 07, 10,				0
	Sunrise: 04:57					Sunset: 20:	40		
TC 2D	PARC FERMÉ KI/OUT					ouriset. 20.	8:00		
TC 3	Nagykálló			2,39		0:10	8:10		
				2,39				on	
	START SS3 Szakolyi út	1:30				0:05 Expected	8:15	sectior	
ASS3	FINISH SS3 Biriszőlő utca 62.		56,21			time of arrival	9:05	1. s	
	Nagykálló								
	SERVICE C		(56,21)	(2,39)	(58,60)				
TC 3A	SERVICE C GYűjtő Be / REGROUPING IN		(56,21)	(2,39) 8,18	(58,60)	0:50	9:55		
			(56,21)		(58,60)	0:50 0:30	9:55 10:25		
	GYűjtő Be / REGROUPING IN		(56,21)		(58,60)				
TC 3B TC4	GYűjtő Be / REGROUPING IN Gyűjtő KI/ REGROUPING OUT		(56,21)	8,18	(58,60)	0:30	10:25	· uc	
TC 3B TC4 DSS4	GYűjtő Be / REGROUPING IN Gyűjtő KI/ REGROUPING OUT Nagykálló	1:30	(56,21) 56,21	8,18	(58,60)	0:30 0:10 <b>0:05</b> Expected	10:25 10:35	ection	
TC 3B TC4 DSS4	GYŰjtő Be / REGROUPING IN Gyűjtő KI/ REGROUPING OUT Nagykálló START SS4 Szakolyi út II. +CH FINISH SS4 Biriszőlő utca 62. II.	1:30		8,18	(58,60)	0:30 0:10 <b>0:05</b>	10:25 10:35 <b>10:40</b>	2.section	
TC 3B TC4 DSS4	GYűjtő Be / REGROUPING IN Gyűjtő KI/ REGROUPING OUT Nagykálló START SS4 Szakolyi út II. +CH FINISH SS4 Biriszőlő utca 62. II. Nagykálló	1:30	56,21	2,39		0:30 0:10 <b>0:05</b> Expected	10:25 10:35 <b>10:40</b>	2.section	
TC 3B TC4 DSS4 ASS4	GYűjtő Be / REGROUPING IN Gyűjtő KI/ REGROUPING OUT Nagykálló START SS4 Szakolyi út II. +CH FINISH SS4 Biriszőlő utca 62. II. Nagykálló SERVICE D	1:30		2,39	(58,60)	0:30 0:10 0:05 Expected time of arrival	10:25 10:35 10:40 11:30	2.section	
TC 3B TC4 DSS4 ASS4 TC 4A	GYűjtő Be / REGROUPING IN Gyűjtő KI/ REGROUPING OUT Nagykálló START SS4 Szakolyi út II. +CH FINISH SS4 Biriszőlő utca 62. II. Nagykálló SERVICE D GYűjtő Be / REGROUPING IN	1:30	56,21	2,39		0:30 0:10 0:05 Expected time of arrival	10:25 10:35 10:40 11:30	2.section	
TC 3B TC4 DSS4 ASS4 TC 4A TC4B	GYŰjtő Be / REGROUPING IN Gyűjtő KI/ REGROUPING OUT Nagykálló START SS4 Szakolyi út II. +CH FINISH SS4 Biriszőlő utca 62. II. Nagykálló SERVICE D GYŰjtő Be / REGROUPING IN Gyűjtő KI/ REGROUPING OUT	1:30	56,21	2,39 (10,37) 8,18		0:30 0:10 0:05 Expected time of arrival 1:30 0:30	10:25 10:35 10:40 11:30 13:00 13:30	2. section	
TC 3B TC4 DSS4 ASS4 TC 4A TC4B TC 5	GYűjtő Be / REGROUPING IN Gyűjtő KI/ REGROUPING OUT Nagykálló START SS4 Szakolyi út II. +CH FINISH SS4 Biriszőlő utca 62. II. Nagykálló SERVICE D GYűjtő Be / REGROUPING IN Gyűjtő KI/ REGROUPING OUT Nagykálló	1:30	56,21	2,39		0:30 0:10 0:05 Expected time of arrival 1:30 0:30 0:10	10:25 10:35 10:40 11:30 13:00 13:30 13:40		
TC 3B TC4 DSS4 ASS4 TC 4A TC4B TC 5 DSS5	GYŰJÍŐ BE / REGROUPING IN GYŰJÍŐ KI/ REGROUPING OUT NagykállÓ START SS4 Szakolyi út II. +CH FINISH SS4 Biriszőlő utca 62. II. Nagykálló SERVICE D GYŰJÍŐ BE / REGROUPING IN GYŰJÍŐ KI/ REGROUPING OUT NagykállÓ START SS5 Biriszőlő utca 62.	1:30	56,21	2,39 (10,37) 8,18		0:30 0:10 0:05 Expected time of arrival 1:30 0:30 0:10	10:25 10:35 10:40 11:30 13:00 13:30 13:40 13:45		
TC 3B TC4 DSS4 ASS4 TC 4A TC4B TC 5 DSS5	GYŰJÍÓ BE / REGROUPING IN GYŰJÍÓ KI/ REGROUPING OUT Nagykálló START SS4 Szakolyi út II. +CH FINISH SS4 Biriszőlő utca 62. II. Nagykálló SERVICE D GYŰJÍÓ BE / REGROUPING IN GYŰJÍÓ KI/ REGROUPING OUT Nagykálló START SS5 Biriszőlő utca 62. FINISH SS5 Szakolyi út		56,21	2,39 (10,37) 8,18		0:30 0:10 0:05 Expected time of arrival 1:30 0:30 0:10	10:25 10:35 10:40 11:30 13:00 13:30 13:40	section	
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TC 3B TC4 DSS4 ASS4 TC 4A TC4B TC 5 DSS5 ASS5	GYűjtő Be / REGROUPING IN Gyűjtő KI/ REGROUPING OUT Nagykálló START SS4 Szakolyi út II. +CH FINISH SS4 Biriszőlő utca 62. II. Nagykálló SERVICE D GYűjtő Be / REGROUPING IN Gyűjtő KI/ REGROUPING OUT Nagykálló START SS5 Biriszőlő utca 62. FINISH SS5 Szakolyi út Nagykálló SERVICE E GYűjtő Be / REGROUPING IN		56,21 (56,21)	(10,37) 8,18 2,92	(66,58)	0:30 0:10 0:05 Expected time of arrival 1:30 0:30 0:10 0:05 Expected time of arrival	10:25 10:35 10:40 11:30 13:00 13:30 13:40 13:45 14:35	3. section	
TC 3B TC4 DSS4 ASS4 TC 4A TC4B TC 5 DSS5 ASS5 TC5A TC5B TC5B TC6	GYŰJÍTŐ BE / REGROUPING IN GYŰJÍTŐ KI/ REGROUPING OUT NagykállÓ START SS4 Szakolyi út II. +CH FINISH SS4 Biriszőlő utca 62. II. NagykállÓ SERVICE D GYŰJÍTŐ BE / REGROUPING IN GYŰJÍTŐ KI/ REGROUPING OUT NagykállÓ START SS5 Biriszőlő utca 62. FINISH SS5 Szakolyi út NagykállÓ SERVICE E GYŰJTŐ BE / REGROUPING IN GYŰJŤŐ BE / REGROUPING IN GYŰJŤŐ BE / REGROUPING OUT	1:30	56,21 (56,21)	(10,37) 8,18 2,92 (10,9) 2,59	(66,58)	0:30 0:10 0:05 Expected time of arrival  1:30 0:30 0:10 0:05 Expected time of arrival  0:50 0:30 0:10 0:05	10:25 10:35 10:40 11:30 13:00 13:30 13:40 13:45 14:35	3. section	
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TC 3B TC4 DSS4 ASS4 TC 4A TC4B TC 5 DSS5 ASS5 TC5A TC5A TC5B TC6 DSS6	GYŰJÍĞ BE / REGROUPING IN GYÜJÍĞ KI/ REGROUPING OUT NagykállÓ START SS4 Szakolyi út II. +CH FINISH SS4 Biriszőlő utca 62. II. NagykállÓ SERVICE D GYŰJÍĞ BE / REGROUPING IN GYÜJÍĞ KI/ REGROUPING OUT NagykállÓ START SS5 Biriszőlő utca 62. FINISH SS5 Szakolyi út NagykállÓ SERVICE E GYŰJÍĞ BE / REGROUPING IN GYŰJÍĞ KI/ REGROUPING IN SERVICE E GYŰJÍĞ BE / REGROUPING OUT NagykállÓ START SS6 Biriszőlő utca 62. II. +CH	1:30	56,21 (56,21) 56,30	(10,37) 8,18 2,92 (10,9) 2,59	(66,58)	0:30 0:10 0:05 Expected time of arrival  1:30 0:30 0:10 0:05 Expected time of arrival  0:50 0:30 0:10 0:05	10:25 10:35 10:40 11:30 13:00 13:30 13:40 13:45 14:35 15:25 15:55 16:05 16:10	3. section	
TC 3B TC4 DSS4 ASS4 TC 4A TC4B TC 5 DSS5 ASS5 TC5A TC5B TC6B ASS6	GYÜJTŐ BE / REGROUPING IN GyűJTŐ KI/ REGROUPING OUT NagykállÓ START SS4 Szakolyi út II. +CH FINISH SS4 BIrIszőlő utca 62. II. NagykállÓ SERVICE D GYŰJTŐ BE / REGROUPING IN GyŰJTŐ KI/ REGROUPING OUT NagykállÓ START SS5 BIRISZŐIŐ utca 62. FINISH SS5 Szakolyi út NagykállÓ SERVICE E GYŰJTŐ BE / REGROUPING IN GyŰJTŐ KI/ REGROUPING IN GYŰJTŐ KI/ REGROUPING OUT NagykállÓ START SS6 BIRISZŐIŐ utca 62. II. +CH FINISH SS6 Szakolyi út II. NagykállÓ	1:30	56,21 (56,21) 56,30	(10,37) 8,18 2,92 (10,9) 2,59 2,92	(66,58)	0:30 0:10 0:05 Expected time of arrival  1:30 0:30 0:10 0:05 Expected time of arrival  0:50 0:30 0:10 0:05 Expected time of arrival	10:25 10:35 10:40 11:30 13:00 13:30 13:45 14:35 15:25 15:55 16:05 16:10	3. section	
TC 3B TC4 DSS4 ASS4 TC 4A TC4B TC 5 DSS5 ASS5 TC5A TC5B TC6B ASS6	GYÜJTŐ BE / REGROUPING IN GyűJTŐ KI/ REGROUPING OUT NagykállÓ START SS4 Szakolyi út II. +CH FINISH SS4 BIRISZŐIŐ UTCA 62. II. NagykállÓ SERVICE D GYŰJTŐ BE / REGROUPING IN GyŰJTŐ KI/ REGROUPING OUT NagykállÓ START SS5 BIRISZŐIŐ UTCA 62. FINISH SS5 Szakolyi út NagykállÓ SERVICE E GYŰJTŐ BE / REGROUPING IN GyŰJTŐ KI/ REGROUPING IN GYŰJTŐ BE / REGROUPING IN GYŰJTŐ KI/ REGROUPING OUT NagykállÓ START SS6 BIRISZŐIŐ UTCA 62. II. +CH FINISH SS6 Szakolyi út II. NagykállÓ NAGYKÁLLÓ PARC FERME	1:30	56,21 (56,21) 56,30 (56,30)	(10,37) 8,18 2,92 (10,9) 2,59 2,92	(66,58)	0:30 0:10 0:05 Expected time of arrival  1:30 0:30 0:10 0:05 Expected time of arrival	10:25 10:35 10:40 11:30 13:00 13:30 13:40 13:45 14:35 15:25 15:55 16:05 16:10	3. section	
TC 3B TC4 DSS4 ASS4 TC 4A TC4B TC 5 DSS5 ASS5 TC5A TC5B TC6B ASS6	GYÜJTÖ BE / REGROUPING IN GyÜJTÖ KI/ REGROUPING OUT NagykállÓ START SS4 Szakolyi út II. +CH FINISH SS4 BIRISZÖIÖ utca 62. II. NagykállÓ SERVICE D GYÜJTÖ BE / REGROUPING IN GyÜJTÖ KI/ REGROUPING OUT NagykállÓ START SS5 BIRISZÖIÖ utca 62. FINISH SS5 Szakolyi út NagykállÓ SERVICE E GYÜJTÖ BE / REGROUPING IN GyÜJTÖ KI/ REGROUPING IN GYÜJTÖ KI/ REGROUPING OUT NagykállÓ START SS6 BIRISZÖIÖ utca 62. II. +CH FINISH SS6 Szakolyi út II. NagykállÓ NAGYKÁLLÓ PARC FERME Saturday TOTAL	1:30	56,21 (56,21) 56,30 (56,30)	(10,37) 8,18 2,92 (10,9) 2,59 2,92 2,39 31,96	(66,58) (67,2)	0:30 0:10 0:05 Expected time of arrival  1:30 0:30 0:10 0:05 Expected time of arrival  0:50 0:30 0:10 0:05 Expected time of arrival	10:25 10:35 10:40 11:30 13:00 13:30 13:45 14:35 15:25 15:55 16:05 16:10	3. section	
TC 3B TC4 DSS4 ASS4 TC 4A TC4B TC 5 DSS5 ASS5 TC5A TC5B TC6B ASS6	GYÜJTŐ BE / REGROUPING IN GyűJTŐ KI/ REGROUPING OUT NagykállÓ START SS4 Szakolyi út II. +CH FINISH SS4 BIRISZŐIŐ UTCA 62. II. NagykállÓ SERVICE D GYŰJTŐ BE / REGROUPING IN GyŰJTŐ KI/ REGROUPING OUT NagykállÓ START SS5 BIRISZŐIŐ UTCA 62. FINISH SS5 Szakolyi út NagykállÓ SERVICE E GYŰJTŐ BE / REGROUPING IN GyŰJTŐ KI/ REGROUPING IN GYŰJTŐ BE / REGROUPING IN GYŰJTŐ KI/ REGROUPING OUT NagykállÓ START SS6 BIRISZŐIŐ UTCA 62. II. +CH FINISH SS6 Szakolyi út II. NagykállÓ NAGYKÁLLÓ PARC FERME	1:30	56,21 (56,21) 56,30 (56,30)	(10,37) 8,18 2,92 (10,9) 2,59 2,92	(66,58)	0:30 0:10 0:05 Expected time of arrival  1:30 0:30 0:10 0:05 Expected time of arrival  0:50 0:30 0:10 0:05 Expected time of arrival	10:25 10:35 10:40 11:30 13:00 13:30 13:45 14:35 15:25 15:55 16:05 16:10	3. section	

# Appendix 2

# **Competitors Relation Officer**



Marianna MAGYAR KELEMENNÉ 003670944-51-48

# Appendix 3 Instruction for the installing and use of the GPS Tracking System



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 graund 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 causd 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.

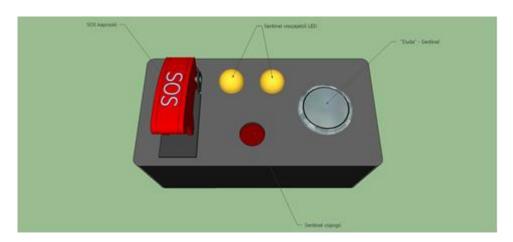
Alternate method is retrospective data analysis. In this case, the data collected what has been received by a specified time interval sets the database to a file, and the data can be evaluated from point to point.

# Overtaking signaling system function 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 Overtaking signaling system function has two functions:

-"Toot" function, which indicates the overtaking intent of the Overtaking signaling system function 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 overtaked 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 overtaked's vehicle for 10 seconds. Then, each signal is switched off until a next signal.

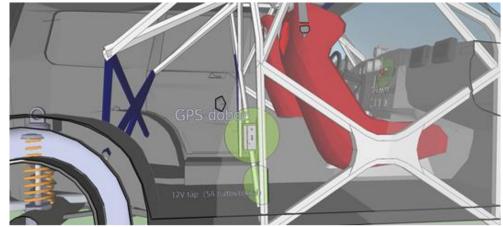
-Send SOS signal devices within range. This feature will be active if on the SOS panel, the SOS switch is turned on. Send the device continues the signal, until the SOS switch is turned on. In the case where a device receives the SOS signal, on the SOS panel the red and blue LED will blink, with a pulse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



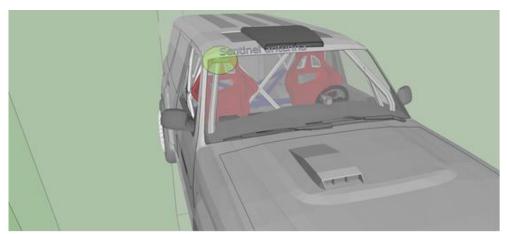
Pic. No. 2.: SOS Panel Sizes: 95x48x67mm Weight: 120 g

#### **Tool installation**

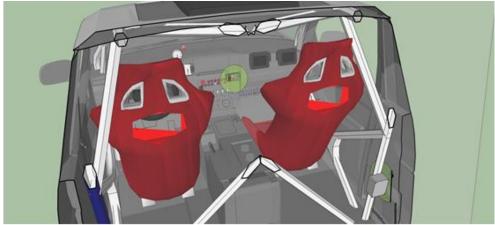
- SOS panel, Overtaking signaling system function antena placement: Previously purchased SOS panel's red and black wires with the 2poled TMWS2T connector must be connected to the 5A fuse mating port (horizontal shoe positive, vertical shoe negative polarity), 15 poled connector's end has to be wired 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 Overtaking signaling system function 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.



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.

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