



GarZone
EVENTS



NYIRÁD RAID OF THE CHAMPIONS

D 09-11. NOVEMBER 2018.

SUPPLEMENTARY REGULATION

T1, T2, T3, T4, TH

Pending MNASZ approval

www.hungarianbaja.com
info@hungarianbaja.com



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INTRODUCTION

Raid of the Champions is organised by GarZone s.r.o. and GarZone Events Kft. on 09-11. 11. 2018.

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

1. FIA International Sporting Code and it's appendices
2. FIA Cross-Country World Cup regulations
3. FIA CEZ Championship Regulations
4. Traffic Regulations of Hungary
5. Present Supplementary Regulation and it's appendices
6. Official bulletins

SCHEDULE:			
DATE	TIME	EVENT	LOCATION
28.09.2018 Friday	10:00	Opening date for Entries	GarZone s.r.o info@garzoneracing.com
02.11.2018 Friday	24:00	Closing date for Entries	GarZone s.r.o info@garzoneracing.com
06.11.2018 Thursday	20:00	Publication of Entry List with Starting Number and Checking Schedule	www.garzoneracing.com
09.11.2018 Friday	09:00	Opening date for the Secretariat <ul style="list-style-type: none">• Accreditation• Check In• Delivery of identification plates, advertising and Check List	Nyirád Motorsport Centrum N 46° 58' 11" E 17° 25' 00"
	09:00-12:00	Administrative Check Pickup the Safety Systems	Nyirád Motorsport Centrum N 46° 58' 11" E 17° 25' 00"
	09:30-12:30	Scrutineering	Nyirád Motorsport Centrum N 46° 58' 11" E 17° 25' 00"

	12:00-13:00	Entrance to the Parc Fermé	Nyirád Motorsport Centrum N 46° 58' 11" E 17° 25' 00"
	13:00	First Steward meeting	
	13:15	Briefing Publication of the Start list (Leg 1)	Nyirád Motorsport Centrum N 46° 58' 11" E 17° 25' 00"
	14:00	Leg 1 START	
	14:15	SS1 START	6 km
	15:01	SS2 START	6 km
	15:47	SS3 START	6 km
	16:20	Service	Nyirád Motorsport Centrum N 46° 58' 11" E 17° 25' 00"
	17:00	Leg 1 FINISH	Nyirád Motorsport Centrum N 46° 58' 11" E 17° 25' 00"
	18:00	Publication of the results Leg 1. Publication of the Startlist Leg 2 Closing date for the Secretariat and Press Office	Nyirád Motorsport Centrum N 46° 58' 11" E 17° 25' 00"
10.11.2018 Saturday	08:00	Opening of Secretariat Opening of Press Office.	Nyirád Motorsport Centrum N 46° 58' 11" E 17° 25' 00"
	09:00	Leg2 START	
	09:25	SS4 START	52 km
	10:49	SS5 START	52 km
	12:13	Service + Regrouping	Nyirád Motorsport Centrum N 46° 58' 11" E 17° 25' 00"
	13:45	SS6 START	38 km
	15:00	SS7 START	38 km
	16:15	Service	Nyirád Motorsport Centrum N 46° 58' 11" E 17° 25' 00"
	17:30	Leg2 FINISH	
	18:30	Publication of the results Leg2. Publication of the Startlist Leg3 Closing date for the Secretariat and Press Office	Nyirád Motorsport Centrum N 46° 58' 11" E 17° 25' 00"
11.11.2018 Sunday	07:30	Opening of Secretariat and Press Office.	Nyirád Motorsport Centrum N 46° 58' 11" E 17° 25' 00"
	08:00	Leg3 START	
	08:20	SS8 START	38 km
	09:35	SS9 START	38 km
	12:20	Leg3 FINISH	
	12:20	Final Checks	Nyirád Motorsport Centrum N 46° 58' 11" E 17° 25' 00"
	12:30	Stewards Meeting	Nyirád Motorsport Centrum N 46° 58' 11" E 17° 25' 00"
	13:30	Publication of the results Provisional Final Classification	Nyirád Motorsport Centrum N 46° 58' 11" E 17° 25' 00"
	14:00	Prize Giving Ceremony	Nyirád Motorsport Centrum N 46° 58' 11" E 17° 25' 00"

1. DESCRIPTION

1.1 PLACE AND DATE OF THE EVENT:

Raid of the Champions is held in Veszprém countie, Nyirád area, Hungary.

1.2 THE RACE:

RAID OF THE CHAMPIONS

is

the VII. FIA Central European Zone (CEZ) Championships official double point giving race,
Hungarian Open Cross-Country Rally Championship IV. Race with coefficient 2,
with international participants

1.3 VISA NUMBER:

SAMS:

MNASZ:

1.4 LOCATION OF EVENT HQ:

FROM 28.09.2018 TO 02.11.2018

GARZONE EVENTS KFT.

8200 VESZPRÉM, BUDAPEST STR. 89/B (HUN)

TEL: +36-30-791-4270

E-MAIL: info@garzoneracing.com

WEB: www.garzoneracing.com

FROM 09.11.2018 TO 11.11.2018

Nyirád Motorsport Centrum

N 46° 58' 11" E 17° 25' 00"

1.5 START CEREMONY

Will not be held.

1.6 PRESS OFFICE:

LOCATION: Nyirád Motorsport Centrum
N 46° 58' 11" E 17° 25' 00"

1.7 OFFICIAL NOTICE BORD:

LOCATION: Nyirád Motorsport Centrum
N 46° 58' 11" E 17° 25' 00"

2. ORGANIZER

2.1 ORGANIZER'S NAME:

GarZone Events Kft. and Garzone s.r.o

2.2 ORGANIZER'S ADDRESS AND CONTACT DETAILS:

GarZone s.r.o.

Vel'koblahovská 75/39, Dunajská Streda (SK)

email: info@garzoneracing.com

web: www.garzoneracing.com

2.3 ORGANIZING COMMITTEE:

Patron of the Event:Mr. Zoltán FENYVES
.....Parliamentary representative
.....Mr. Gábor NAGY
.....The Mayor of Nyirád
.....Mr. Péter OVÁDI
.....Parliamentary representative
Organising Committee:Mr. Zoltán GARAMVÖLGYI

..... Mr. Ferenc SCHEIBENHOFFER
Chief Safety Official: Mr. Tibor LASKAY

2.4 STEWARDS:

Chairman of the Stewards: Mr. Tibor OROSZLÁN
Members: Mr. István GÁL
..... Mr. István LÁDI (SVK)

2.5 SENIOR OFFICIALS:

Clerk of the course: Mr. János FALICS
Steward of Technical: Mr. László TÜSKÉS
Chief Medical Officer: Dr. Katalin WLASICS
Secretary of the Rally: Ms. Julianna TÖRÖK
Competitors Relations Officer: Mr. Gábor MEKOTA
Press Relations Officer: Mr. László B.MOLNÁR
Timekeeping Results: Mr. Csaba GLÜCK - ChronoMoto Kft.
GPS Control: Mr. Zsolt MARTON - M-INFO Kft.

2.6 IDENTIFICATION OF OFFICIALS:

MNASZ identification- everyone.

Chief Post Control: Red west, Timekeeper and Marshall: White west

3. ENTRIES

3.1 DATES:

Openind Entries: Friday 28.09. 2018 10:00
Closing Entries: Friday 02.11. 2018 24:00

3.2 ENTRIE PROCEDURE:

Nominations, together with the proof of payment should be sent to the following address:

GARZONE S.R.O.

VEL'KOBLAHOVSKÁ 75/39, DUNAJSKÁ STREDA - SLOVAKIA

info@garzoneracing.com

PHONE: +36 30/791-4270

3.3 NUMBER OF ENTRIES AND CLASSES:

Classes: T1, T2, T3, T4, TH

3.4 ENTRY FEES, OTHER:

Group T1 - T2 - T3- T4 class:	750 Euro
Group TH:	400 Euro
Basic service plate per vehicle (50 m2):	Included in Entry fee
Plus Service area (50 m2):	100 Euro
Accompanying car's entry stickers (per vehicles):	50 Euro
Mobile homes, Promo vehicle:	100 Euro
Rent device for GPS TRACKING System	Included in Entry fee
GPS TRACKING SYSTEM INSTALLER KIT/CABEL	50 Euro
Caution for GPS TRACKING System	100 Euro

3.5 METHOD OF PAYMENT:

Entry Fee must be transferred before the closing date of the entries to the following bank account: (€)

GARZONE s.r.o.

Dunajská Streda, Vel Koblahovská str. 75/39

Slovenská Sporitelna, a.s.

Számlaszám: 5063476359/0900

IBAN N°: SK2609000000005063476359

SWIFT kód: GIBASKBX

note: „ENTRY FEE FOR ROC 2018 (DRIVER'S NAME)”

The entry form will only be accepted together with the proof of payment of the entry fee. Entries after the closing date of the entries will be considered as „Entry on spot” (150%). Signing the entry form, contestants agree that the GPS system operator to provide their data to the organizer, leader of the race and the TRSB.

4. INSURANCE

Insurance information according to 2018. General Prescription.

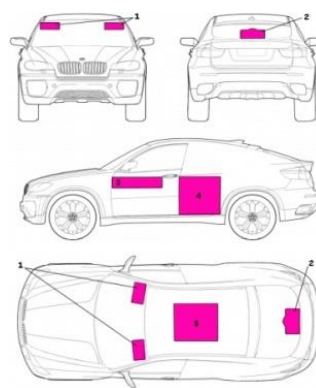
5. ADVERTISING

5.1 ADVERTISEMENTS:

The logos will be published in Bulletin!

1. Two strips 10 cm (high) x 25 cm (wide) on each side of the upper part of the windscreen - TBA
2. One rally plate 43x21 cm placed vertically at the rear of the vehicle - compulsory
3. Two race number panels 67 cm x 17 cm - compulsory
4. Two 50 cm x 52 cm panels with the optional advertising - TBA

More: in Bulletin!



6. IDENTIFICATION

Rally plates, contestants name.

7. TIRES

According MNASZ Genaral Prescription and Art. nr 19. in the Supplementary Regulation

8. FUEL

Commercially available fuel must be used, which doesn't contain any additives increasing the octane nr. Fuelling only at the marked Petrol Stations in the Road Book.

9. ADMINISTRATIVE CHECK

9.1 LOCATION: NYIRÁD MOTORSPORT CENTRUM

GPS COORDINATE: N 46° 58' 11" E 17° 25' 00"

9.2 TIMES SCHEDULE:

FRIDAY 09.11.2018. 09:00-12:00 HRS

GPS tracking system rental is compulsory before the checking. (M-Info)

9.3 DOCUMENTS TO BE PRESENTED:

- Competitors Licence
- Driver and Co-driver's licence
- Driver Co-driver's valid Driving Licence/ Exept CH Navigator according to General Prescription
- Starting permission (who is concerned)/ International Licence

- Entry Form- fully completed
- Compulsory car insurance policy
- Vehicle registration document or temporary traffic permission for SP numbers and belonging Start Diary
- Authorization from the owner of the vehicle in case is other than the driver or navigator
- FIA Technical Passport, or ASN Passport for competitors with foreign licences

10. TECHNICAL SCRUTINEERING, SEALING AND MARKING

10.1 LOCATION: NYIRÁD MOTORSPORT CENTRUM,
GPS COORDINATE: N 46° 58' 11" E 17° 25' 00"

ANY MEMBER OF THE TEAM CAN TAKE THE VEHICLE FOR THE TECHNICAL SCRUTINEERING.

10.2 TIMES / SCHEDULE:
FRIDAY 09.11.2018 09:30-12:30 HRS

10.3 PARC FERME:

After the technical scrutineering the crews must place the vehicles in Parc Fermé, located in Veszprém, Nyirád Motorsport Centrum from 12:00 h to 13:00 h on Friday, 09. November 2018.

At the end of Leg 1, the crews must place the vehicles in Parc Fermé, located in the Nyirád Motorsport Centrum

according time schedule of the event on Friday, 09. November 2018.

At the end of Leg 2, the crews must place the vehicles in Parc Fermé, located in the Nyirád Motorsport Centrum

according time schedule of the event on Saturday, 10. November 2018.

At the end of Leg 3, the crews must place the vehicles in Parc Fermé, located in the Nyirád Motorsport Centrum

according time schedule of the event on Sunday, 11. November 2018.

10.4 NECESSARY CONDITIONS:

- Competing vehicle
- Gps devices and Tracking systems fitted, in working condition.
- All rally panels, competition numbers and advertising panels fitted properly to the required places.
- Scrutineering Sheet- filled up
- Homologation Form, valid Technical Passport
- Compulsory fire-resistant clothing, requirement corresponding helmets and FHR system/ according to General Prescription
- Technically corresponding and approved size fire extinguisher properly fitted in the car Warning triangle, survival kit

10.5 SAFETY REQUIREMENTS:

It is obligatory for all competitors to use the GPS tracking and vehicle to vehicle signalling system (M-Info). System must be rented before administrative checks.

11. SUPERSPECIAL STAGE

Will not be held.

12. START OF THE EVENT

12.1 PUBLICATION OF START LISTS

ACCORDING TO PROGRAMME.

12.2 BRIEFING

ACCORDING TO PROGRAMME.

A WRITTEN BRIEFING (IF NECESSARY) WILL BE GIVEN TO COMPETITORS AT THE PREVIOUS LEG.

12.3 PARC FERMÉ BEFORE THE OFFICIAL START

AT THE START- PARC FERMÉ, CREWS SHOULD BE READY 15 MINUTES BEFORE THE INDIVIDUAL IDEAL STARTING TIME.

12.4 START CEREMONY:

WILL NOT BE HELD!

13. RUNNING OF THE EVENT

13.1 ROAD BOOK PROVIDING

At the Briefing

13.2 LIMITED TIME DELAY

Maximum delay between two TC is 30 minutes per Leg. Exceeding this time, competitors will be excluded from the race.

13.3 FIXED PENALTY

On racing days, those competitors who got fixed penalties can revert to the race- at the stages of IE/TC 15, IE/TC 22, IE/TC 29. until the first vehicle's planned time, in compliance with the other rules described in the Hungarian General Prescriptions rule book. Maximum times are stated in the road book and the time-cards.

13.4 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.

13.5 TIME CARD PROVIDING/EXCHANGES

Time cards will be provided to the participants each day before starting of the Leg, which has to be returned at the Finish.

Time card change in Regrouping.

13.6 PARC FERMÉ:

Between Legs, all vehicles must be placed to the Parc Fermé (for the night).

Location: **Nyirád Motorsport Centrum**

13.7 FAULT START:

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

13.8. The average altitude is between 0 and 1000m!

14. SERVICE PARK

14.1 WORK ON A COMPETING CAR WILL BE PERMITTED ONLY AT SERVICE AREAS SPECIFIED BY THE ORGANIZATION.

LOCATION: **NYIRÁD MOTORSPORT CENTRUM**

14.2 OTHER: **REFUELLING AND WASHING IN THE SERVICE PARK AREA IS PROHIBITED!**

Refuelling and washing in the Service Park area is prohibited. Filling stations and Carwashes are indicated in the Road Book for each Legs.

Entry will be permitted only to Service Vehicles showing the Service Plates. Accompanying team cars can enter only by purchasing a 50€ sticker at the Administrative Check.

Using a min 5x4m protector canvas 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 scrutineers, and not complying will entail a 50.000HUF fine.

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

15. PROTEST AND APPEALS

15.1 PROTEST FEES:

General:	350 euro
Technical:	350 euro

16. FINAL TECHNICAL SCRUTINEERING

LOCATION: NYIRÁD MOTORSPORT CENTRUM

Time: 11.11.2018 FROM 12:20

17. RESULTS

The Provisional overall classification will be published on the official notice board at **Nyirád Motorsport Centrum**.

Time: Sunday 11. November 2018 13:30

18. PRIZES

18.1 PRIZE GIVING CEREMONY:

LOCATION: NYIRÁD MOTORSPORT CENTRUM

TIME: SUNDAY 11. NOVEMBER 2018 14:00

Absolute	1-3	-	cup
Category	1-3	-	cup

VISA NUMBER:

SAMS:

MNASZ:

Cross-Country Rally Committee

Raid of the Champions 2018

APPENDIX IV. Tracking System

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 in 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 strength 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.

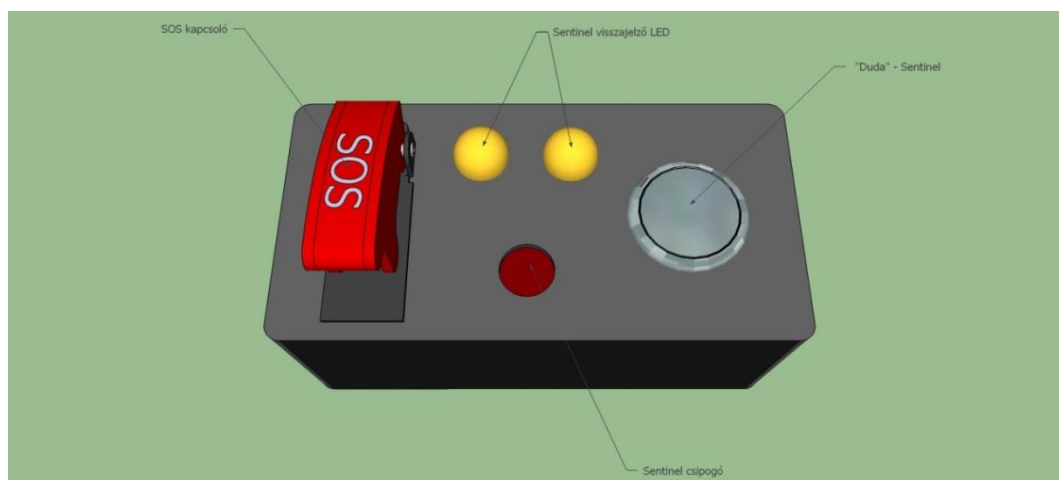
Alternate method is retrospective data analysis. In this case, the data collected what has been received by a specified time interval sets the database to a file, and the data can be evaluated from point to point.

Sentinel 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 Sentinel has two functions:

- "Toot" function, which indicates the overtaking intent of a Sentinel 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**

Size: 95x48x67

Weight: 120 g

Tool installation

- SOS panel, Sentinel 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 Sentinel 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.



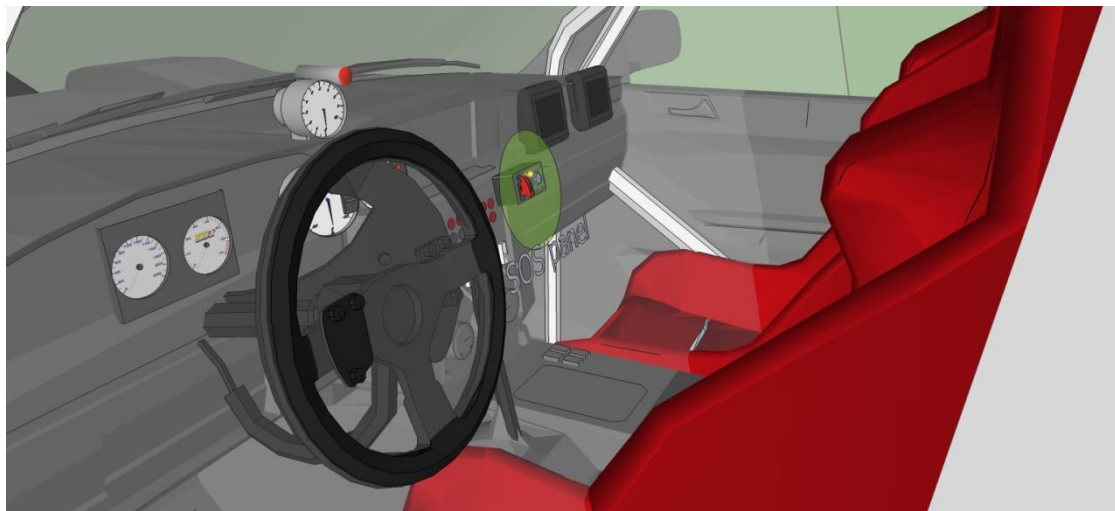
Pic.No. 3.: How to install 1.4



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: Marton Zsolt: +36302413111