



FEHÉRÉP CUP 2016



HUNGARIAN OPEN CROSS-COUNTRY RALLY CHAMPIONSHIP II. RACE FIA CEZ CHAMPIONSHIP IV. RACE

06-08. 05. 2016

SUPPLEMENTARY REGULATION

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INTRODUCTION

FEHÉRÉP Cup is organised by Varga Racing Team ASE. on 06-08. 05. 2016.
The race has the following regulations, which will apply to all drivers and competitors signing the entry form:

- FIA International Sporting Code and it's appendices
- FIA Cross-Country World Cup regulations
- Traffic Regulations of Hungary
- Present Supplementary Regulation and it's appendices
- Official bulletins

Distance, Total:		647,0 km			
Day 1	25 km	SSS1	4,13 km		
Day 2	311 km	SS2	21,27 km	SS3	21,27 km
SS4	42,53 km	SS5	21,27 km	SS6	42,53 km
Day 3	311 km	SS7	42,92 km	SS8	21,17 km
SS9	21,17 km	SS10	42,92 km	SS11	21,27 km

SCHEDULE:

DATE	TIME	EVENT	LOCATION
06.04.2016 Wednesday	10:00	<u>Opening date for Entries</u>	Varga Racing Team ASE. 1163 Budapest, Legény utca 10.
29.04.2016 Friday	18:00	<u>Closing date for Entries</u>	Varga Racing Team ASE. 1163 Budapest, Legény utca 10.
06.05.2016 Friday	08:00	<u>Opening of Secretariat</u> Opening of Press Office.	IKR Park. Bábolna 2943 Bábolna, Hrsz. 890.
	09:00-11:30	Collecting of safety equipment.	Administrative check
	09:00-12:00	<u>Administrative checks.</u> Distribution of roadbooks	IKR Park. Bábolna 2943 Bábolna, Hrsz. 890.
	09:30-12:30	<u>Technical scrutineering</u>	TBA
	12:00-13:30	Pre-start Parc-ferme	Bábolna, dr. Köves János utca
	14:00	First Stewards' meeting	IKR Park. Bábolna 2943 Bábolna, Hrsz. 890.
	15:00	<u>Briefing.</u> Publication of Entry List	IKR Park. Bábolna 2943 Bábolna, Hrsz. 890.
	16:00	Start of Leg 1. TC1.	Bábolna, dr. Köves János utca
	16:30	SSS1 START	Bábolna
	16:30	SERVICE	Bábolna, dr. Köves János utca
	17:30	<u>Leg 1 FINISH</u>	Bábolna, dr. Köves János utca
	17:00	<u>Start position selection</u> SSS1 first 5	Service Park
	18:30	Publication of the provisional results of Leg 1	IKR Park. Bábolna 2943 Bábolna, Hrsz. 890.
	18:30	Publication of Start List of Leg 2. Closing of Secretariat	IKR Park. Bábolna 2943 Bábolna, Hrsz. 890.

DATE	TIME	EVENT	LOCATION
07.05.2015 Saturday	08:00	<u>Opening of Secretariat</u> Opening of Press Office.	IKR Park. Bábolna 2943 Bábolna, Hrsz. 890.
	09:00	<u>Leg 2 START</u>	Bábolna, dr. Köves János utca
	09:20	SS 2 Start	
	10:18	SS 3 Start	
	10:54	SS 4 Start	
	12:10	<u>SERVICE</u>	Bábolna, dr. Köves János utca
	13:03	SS 5 Start	
	13:55	SS 6 Start	
	14:20	<u>SERVICE</u>	Bábolna, dr. Köves János utca
	18:00	<u>Leg 2 FINISH</u>	Bábolna, dr. Köves János utca
	19:30	Publication of the provisional results of Leg 2	IKR Park. Bábolna 2943 Bábolna, Hrsz. 890.
	19:30	Publication of Start List of Leg 3. Closing of Secretariat	IKR Park. Bábolna 2943 Bábolna, Hrsz. 890.

DATE	TIME	EVENT	LOCATION
08.05.2015 Sunday	08:00	<u>Opening of Secretariat</u> Opening of Press Office.	IKR Park. Bábolna 2943 Bábolna, Hrsz. 890.
	09:00	<u>Leg 3 START</u>	Bábolna, dr. Köves János utca
	09:40	SS 7 Start	
	10:49	SS 8 Start	
	11:31	SS 9 Start	
	12:00	<u>SERVICE</u>	Bábolna, dr. Köves János utca
	13:23	SS 10 Start	
	14:32	SS 11 Start	
	15:05	<u>Leg 3 FINISH</u> Final Technical Scrutineering	Bábolna, dr. Köves János utca
	16:30	Publication of Provisional Classification	IKR Park. Bábolna 2943 Bábolna, Hrsz. 890.
	17:00	<u>Publication of Final Official Classification</u>	IKR Park. Bábolna 2943 Bábolna, Hrsz. 890.
	17:15	<u>Prize Giving</u>	IKR Park. Bábolna 2943 Bábolna, Hrsz. 890.

1. DESCRIPTION

1.1 PLACE AND DATE OF THE EVENT:

The **FEHÉRÉP Cup** race is held in Komárom-Esztergom counties, Hungary.

1.2 A VERSENY:

FEHÉRÉP CUP

is a

Hungarian Open Cross-Country Rally Championship II. Race

with coefficient 2,

and 4th round of FIA CEZ CHAMPIONSHIP

with coefficient 2,

with international participants

1.3 VISA NUMBER:

MNASZ K-0150/2016.04.07.

OSK: CC 01/2016

1.4 LOCATION OF EVENT HQ:

LOCATION: **Bábolna, IKR Park, Hrsz. 890;**

GPS: **N47°38.320' E17°59.490'**

TIME: **See above Time Schedule**

1.5 START, FINISH LOCATION:

LOCATION: **Bábolna, dr. Köves János utca**

TIME: **06. 05. 2016 16:00**

1.6 PRESS OFFICE LOCATION:

LOCATION: **Bábolna, IKR Park, Hrsz. 890.**

1.7 OFFICIAL NOTICE BORD LOCATION:

LOCATION: **Bábolna, IKR Park, Hrsz. 890.**

2. ORGANIZER

2.1 ORGANIZER'S NAME:

Varga Racing Team ASE.

2.2 ORGANIZER'S ADDRESS AND CONTACT DETAILS:

Varga Racing Team ASE. 1163 Budapest, Legény utca 10.

Responsible for competition: **Mr Imre Varga**

tel.: 06 30 6044513

2.3 ORGANIZER'S COMMITTEE:

Organising Committee:Mr. Imre VARGA

..... Mr. László POLGÁR

..... Mr. György BALI

Chief Safety Official:Mr. Mihály DÉZSI

Secretary of the Rally:Mrs. Mariann POLGÁR

Press Relations Officer:Mr. Sándor MÉSZÁROS

2.4 STEWARDS:

Chairman of the Stewards: Mr. Tibor OROSZLÁN
Members: Mr. István LÁDI (SK)
..... Mr. Lajos SZABADOS

2.5 SENIOR OFFICIALS:

Clerk of the course: Mr. László POLGÁR
Technical Inspector: Mr. László TÜSKÉS
Chief Medical Officer: TBA
Chief Safety Officer: Mr. Mihály DÉZSI
Secretary of the Rally: Mrs. Mariann POLGÁR
Crews Relations Officer: Mrs. Petra Illés-Polgár
Press Relations Officer: Mr. Sándor MÉSZÁROS
Timekeeping Results: ChronoMoto Kft.
GPS Control: 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: 06.04.2016.
Closing Entries: 29.04.2016.

3.2 ENTRIE PROCEDURE:

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

Varga Racing Team Autósport Egyesület

1163 Budapest, Legény utca 10.

e-mail: tereprallye.office@gmail.com

3.3 NUMBER OF ENTRIES AND CLASSES:

Classes: T1, T2, T3, T4, TH, CH

3.4 ENTRY FEES, OTHER:

Group T1 - T2 - T3 - T4 class: 200.000,-Ft
Group TH: 100.000,-Ft
Group Challenge: Entry fee is free!
Basic service plate per vehicle (50 m² area): Included in Entry fee
Plus Service area (50m²) 20.000,-Ft
Acompanying car (max. 2 piece / service (50m²) 10.000,-Ft
Mobile homes, Promo vehicle 20.000,-Ft

3.5 METHOD OF PAYMENT:

All entry fees must be transferred before the closing date of the netries to the following bank account:

Varga Racing Team Autósport Egyesület

UniCredit Bank, Számla szám: 10918001-00000106-08210004

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

3.7 SAFETY EQUIPMENT: **Pay, administrativ check!**

GPS + Overtaking system rental 11.900,-Ft

GPS + Overtaking system installation package (rent) 5.000,-Ft

GPS + Overtaking system installation package (buy)..... 15.000,-Ft

4. INSURANCE

Insurance information according to 2016.

4.1 INSURANCE: **In Administrativ Check!**

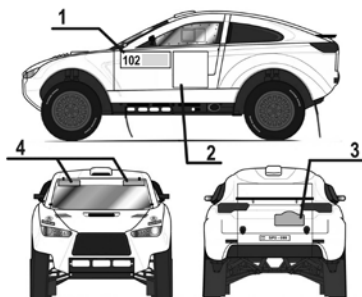
Additional Compulsory Liability Insurance.....9.300,-Ft

5. ADVERTISING

5.1 ADVERTISEMENTS:

1. 2 pc Race Nr Panels with Ads,
2. 2 pc Advertising Panels.
3. 1 pc rallye plate (43x21cm, hátul)
4. 2 pc (25x10cm) windscreen decals

More: in Bulletin!



6. IDENTIFICATION

MNASZ Art nr15.: Rally plates, contestants name, ID

7. GUMIK

Considering MNASZ Art nr12. and supplementary regulation nr 20.

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 Itinerary

9. ADMINISTRATIVE CHECK

9.1 LOCATION: BÁBOLNA, IKR Park **GPS:** N47°38.320' E17°59.490'

9.2 TIMES SCHEDULE:

06.05.2016

9:00 – 12:00 –IG

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

9.3 DOCUMENTS TO BE PRESENTED:

- Competitor's licence
- Driving licence
- Vehicle registration document
- Compulsory car insurance policy
- Permission licence(who is concerned)
- Variety of authorization

10. TECHNICAL SCRUTINEERING, SEALING AND MARKING

10.1 LOCATION: BÁBOLNA, IKR Park, **GPS:** N47°38.320' E17°59.490'

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

10.2 TIMES / SCHEDULE:

06.05.2016

09:30 – 12:30 –ig

10.3 PARC FERME:

Following the technical scrutineering, each vehicle must be set in parc fermé for the starting preparation between 12:00 and 13:30 see 12.1.

10.4 NECESSARY CONDITIONS:

- All rally panels, competition numbers and advertising panels must be fitted properly to the required places.
- Gps devices and Tracking systems fitted, in working condition.
- Needed to be presented all the personal security equipment, such as helmets, fire-resistant clothing, gloves, FHR, fire resistant bottom etc.

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

11.1. LOCATION: BÁBOLNA

TIME: 06.05.2016 16:15

It is compulsory to take part in the superspecial!
Superspecial Reconnaissance of any kind is prohibited.

11.2. START POSITION SELECTION for day 2: First 5

TIME: 06.05.2016 18:00 Service Park

12. START OF THE EVENT

12.1 PRE-START PARC FERME:

LOCATION: **Bábolna, Bábolna SE Sporttelep**
TIME: **06.05.2016 12:00-13:30**

12.2 BRIEFING: (COMPULSORY)

LOCATION: **BÁBOLNA, IKR PARK, ÉTTEREM.**
TIME: **06.05.2016 15:00**

12.3 PUBLICATION OF STARTING LIST:

According to the Programme

12.4 START CEREMONY/OFFICIAL START:

LOCATION: **Bábolna, Bábolna SE Sporttelep**
TIME: **06.05.2016 16:00**

13. RUNNING OF THE EVENT

13.1 DISTRIBUTION OF ROADBOOKS

Administrative check

13.2 TIME CARD PROVIDING/EXCHANGES

The timecard will be issued to the competitors on the briefing, which must be given back at the finish of the day. There is a change of timecard at TC12 and TC25.

13.3 LIMITED TIME DELAY

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

13.4 FIXED PENALTY

Those competitors who get fixed penalties on Saturday and Sunday can revert to the race, TC12 and TC25, according to the Programme- until the first vehicle's planned time, in compliance with the other rules described in the TROB General Prescriptions.

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, time controls will be not penalized.

13.6 PARC FERMÉ:

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

Location: BÁBOLNA, BÁBOLNA SE. SPORTTELEP

13.7 In the event of special stages average altitude is between 0 and 1000 meters!

14. SERVICE PARK

14.1 LOCATION: **BÁBOLNA, DR. KÖVES JÁNOS UTCA** **GPS: N 47° 38,364' E 17° 59,006'**

14.2 EGYÉB:

Refuelling and washing in the Service Park area is PROHIBITED!

Refuelling has to be made at the filling stations located at each road section.

Entry will be permitted only to Service Vehicles showing the Service Plates.

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

Protest fees: General: 100.000,-Ft
 Technical: 100.000.-Ft

LOCATION: **PARC FERMÉ**
TIME: **08.05.2016** **FROM 15:30**

LOCATION: **Bábolna, IKR Park, Hrsz. 890.**

LOCATION: **Bábolna, IKR Park, Hrsz. 890.**
TIME: **08.05.2016 17:15**

In the case of non-compliance on the basis of the marshals or the scrutineers have the tournament director will decide the fate of undisciplined participants are primarily based on

the Cross-Country Rally 2015 Regulations, but reasons may prompt exclusion and license revocation as well.

Such as:

- The Challenge Instructor (if any) non-compliance with instructions
- The marshals instructions Failure
- Self and causing public danger
- Alcohol and / or drug use
- The non-compliance with safety rules
- Speed limit exceeded
- Unruly execution of tasks specified average speed of orientation
- Unreasonable speeding
- Unethical, unsportsmanlike conduct
- Intentional damage, resulting from negligence causing, littering.

2. Parc Ferme:

Challenge participants to group the night Parc Ferme is optional, but the journey down the location can be added to the sports judges.

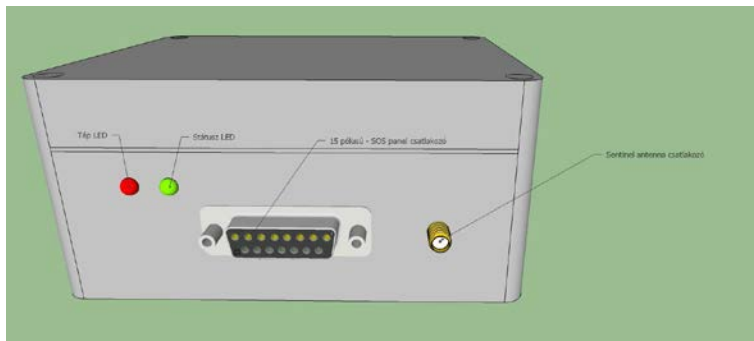
Park Ferme is not needed in the morning to stand in, but it is necessary to call on the marshalls on foot in own start time (on a start list character time), where the given Day, timecard is received.

MNASZ K-0150/2016.04.07.

OSK: CC 01/2016

Mr Imre Varga
CCR Committee

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.

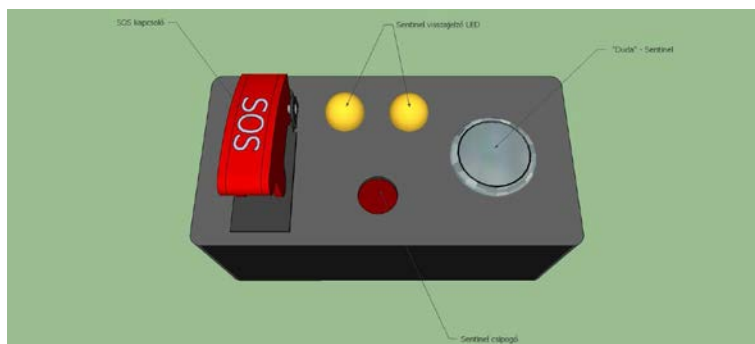
Sentinel function

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 it is still within range. This feature requires a power supply operation.



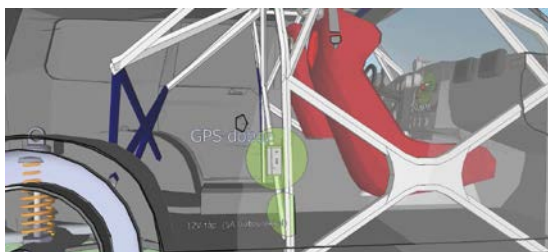
Pic. No. 2.: **SOS Panel** Sizes: 95x48x67mm Weight: 120 g

Tool installation

- SOS panel, 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.



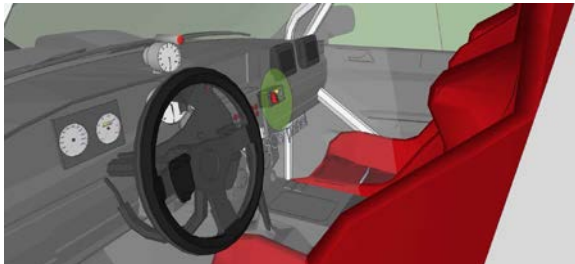
Pic. No. 3.: How to install 1.4



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: +36302413111 - Marton Zsolt