



V. GYULAI VÁRFÜRDŐ CUP 2016



HUNGARIAN OPEN CROSS-COUNTRY RALLY CHAMPIONSHIP III. RACE FIA CEZ CHAMPIONSHIP V. RACE

03-05. 06. 2016

SUPPLEMENTARY REGULATION

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INTRODUCTION

V. Gyulai Várfürdő Cup is organised by GFS Motorsport Association on 03-05. 06. 2015.

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

Total km:		643,9 km			
Day 1	25 km	SSS1	9,3 km		
Day 2	311 km	SS2	67,6 km	SS3	35,7 km
		SS4	67,6 km	SS5	35,7 km
Day 3	311 km	SS6	35,6 km	SS7	44,0 km
		SS8	35,6 km	SS9	44,0 km

SCHEDULE:

DATE	TIME	EVENT	LOCATION
04.05.2016 Wednesday	10:00	<u>Opening date for Entries</u>	GFS Motorsport Egyesület, 2135 Csörög, Alkotmány u. 17. varfurdokupa@gmail.com
24.05.2016 Sunday	18:00	<u>Closing date for Entries</u>	GFS Motorsport Egyesület, 2135 Csörög, Alkotmány u. 17. varfurdokupa@gmail.com
03.06.2016 Friday	08:00	<u>Opening of Secretariat</u> Opening of Press Office.	Aranykereszt Hotel 5700 Gyula, Eszperantó tér 2.
	09:00-11:30	Collecting of safety equipment.	Aranykereszt Hotel 5700 Gyula, Eszperantó tér 2.
	09:00-12:00	<u>Administrative checks</u>	Aranykereszt Hotel 5700 Gyula, Eszperantó tér 2.
	09:15-12:30	<u>Technical scrutineering</u>	Kőrös Volán, Gyula, Kétegyházi út. 3
	12:00-13:30	Pre-start Parc-ferme	5700 Gyula Kétegyházi út 1. INTERSPAR, PARKING
	14:00	First Stewards' meeting	Aranykereszt Hotel 5700 Gyula, Eszperantó tér 2.
	15:00	<u>Briefing.</u> Publication of Entry List	Aranykereszt Hotel 5700 Gyula, Eszperantó tér 2.
	16:00	Start of Leg 1. TC1.	5700 Gyula Kétegyházi út 1. INTERSPAR, PARKING
	16:05	<u>Ceremonial Start</u>	Gyula, Vértanúk útja (Service park, Podium)
	16:30	SSS1 START	Gyula
	17:10	SERVICE	Gyula, Vértanúk útja
	18:40	<u>Leg 1 FINISH</u>	5700 Gyula Kétegyházi út 1. INTERSPAR, PARKING
	18:00	<u>Start position selection</u> SSS first 5	Gyula, Vértanúk útja (Service park)
	20:00	Publication of the provisional results of Leg 1	Aranykereszt Hotel 5700 Gyula, Eszperantó tér 2.
	20:00	Publication of Start List of Leg 2. Closing of Secretariat	Aranykereszt Hotel 5700 Gyula, Eszperantó tér 2.

DATE	TIME	EVENT	LOCATION
04.06.2016 Saturday	07:30	<u>Opening of Secretariat</u> Opening of Press Office.	Aranykereszt Hotel 5700 Gyula, Eszperantó tér 2.
	08:30	<u>Leg 2 START</u>	5700 Gyula Kétegyházi út 1. INTERSPAR, PARKING
	09:00	SS 2 Start	
	10:18	SS 3 Start	
	11:38	<u>SERVICE</u>	Gyula, Vértanúk útja
	13:11	SS 4 Start	
	14:26	SS 5 Start	
	15:45	<u>SERVICE</u>	Gyula, Vértanúk útja
	17:50	<u>Leg 2 FINISH</u>	5700 Gyula Kétegyházi út 1. INTERSPAR, PARKING
	19:30	Publication of the provisional results of Leg 2	Aranykereszt Hotel 5700 Gyula, Eszperantó tér 2.
	19:30	Publication of Start List of Leg 3. Closing of Secretariat	Aranykereszt Hotel 5700 Gyula, Eszperantó tér 2.

DATE	TIME	EVENT	LOCATION
05.06.2016 Sunday	07:30	<u>Opening of Secretariat</u> Opening of Press Office.	Aranykereszt Hotel 5700 Gyula, Eszperantó tér 2.
	08:30	<u>Leg 3 START</u>	5700 Gyula Kétegyházi út 1. INTERSPAR, PARKING
	09:10	SS 6 Start	
	10:10	SS 7 Start	
	11:15	<u>SERVICE</u>	Gyula, Vértanúk útja
	13:10	SS 8 Start	
	14:10	SS 9 Start	
	15:10	<u>Leg 3 FINISH</u> Final Technical Scrutineering	5700 Gyula Kétegyházi út 1. INTERSPAR, PARKING
	17:00	Publication of Provisional Classification	Aranykereszt Hotel 5700 Gyula, Eszperantó tér 2.
	17:30	<u>Publication of Final Official Classification</u>	Aranykereszt Hotel 5700 Gyula, Eszperantó tér 2.
	17:30	Prize Giving	Gyula, Vértanúk útja.

1. DESCRIPTION

1.1 PLACE AND DATE OF THE EVENT:

The **V. Gyulai Várfürdő Kupa** race is held in Békés counties, Doboz, Gyula, Kötegyán, Sarkad, Sarkadkeresztúr, Tarhos area, Hungary.

1.2 A VERSENY:

V. GYULAI VÁRFÜRDŐ CUP

is a

Hungarian Open Cross-Country Rally Championship III. Race

with coefficient 2,

and 5th round of FIA CEZ CHAMPIONSHIP

with coefficient 2,

with international participants

1.3 VISA NUMBER:

MNASZ K-0213/2016.05.09.

1.4 LOCATION OF EVENT HQ:

LOCATION: **Gyula, Eszperantó tér 2. Aranykereszt Hotel**

TIME: **See above Time Schedule**

1.5 START, FINISH LOCATION: START CEREMONY

LOCATION: **Gyula, Vértanúk útja, (service park, roundabout)**

TIME: **03. 06. 2016 16:05**

1.6 PRESS OFFICE LOCATION:

LOCATION: **Gyula, Eszperantó tér 2. Aranykereszt Hotel**

1.7 OFFICIAL NOTICE BORD LOCATION:

LOCATION: **Gyula, Eszperantó tér 2. Aranykereszt Hotel**

2. ORGANIZER

2.1 ORGANIZER'S NAME:

GFS Motorsport Egyesület

2.2 ORGANIZER'S ADDRESS AND CONTACT DETAILS:

GFS Motorsport Egyesület, 2135 Csörög, Alkotmány utca 17.

Responsible for competition: **Polgár László**

tel.:+36 30 3266517, laci.polgar@gmail.com

2.3 ORGANIZER'S COMMITTEE:

Patron of the Event: Dr. Ernő Görgényi, Mayor of Gyula

Patrons:..... Dr. István Mokán, Mayor of Sarkad

..... Mr. Mihály Köves, Mayor of Doboz

..... Mr. János Nemes, Mayor of Kötegyán

..... Mr. Péter Bakucz, Mayor of Sarkadkeresztúr

..... Mr. Sándor Kürti, Mayor of Tarhos



Organising Committee:Mr. László Polgár
Chief Safety Official:Mr. Mihály Gyepes
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)
.....

2.5 SENIOR OFFICIALS:

Clerk of the course:Mr. László Polgár
Chief Technical controller: Mr. László Tüskés
Chief Medical Officer: Mr. László Lakos
Chief Safety Officer:.....Mr. Mihály Gyepes
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: 04.05.2016.
Closing Entries: 24.05.2016.

3.2 ENTRIE PROCEDURE:

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

Cargo Racing Kft.

1172 Budapest, Cinkotai út 34.
e-mail: varfurdokupa@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:.....50.000,-Ft
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 vehicle20.000,-Ft



3.5 METHOD OF PAYMENT:

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

GFS Motorsport Egyesület

VÚB Banka

IBAN: SK19 0200 0000 0034 4946 3359

SWIFT: SUBASKBX

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” (15%).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 (bérlés).....5.000,-Ft

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

4. INSURANCE

Insurance information according to 2016.

4.1 INSURANCE: **In Administrativ Check!**

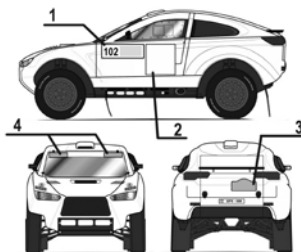
Additional Compulsory Liability Insurance.....9.300,-Ft

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.: Rallye plates, contestants name, ID

7. TIRES

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: GYULA, ESZPERANTÓ TÉR 2.

ARANYKERESZT HOTEL,

9.2 TIMES SCHEDULE:

03.06.2016

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: KÖRÖS VOLÁN. GYULA, KÉTEGYHÁZI ÚT 3.

GPS: N 46° 38,162' E 21° 15,634'

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

10.2 TIMES / SCHEDULE:

03.06.2016

09:15 – 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:

GYULA

TIME:

03.06.2016

16:30

**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: 03.06.2016 18:00 Gyula, Vértanúk útja, Service Park

12. START OF THE EVENT

12.1 PRE-START PARC FERME:

LOCATION: GYULA, KÉTEGYHÁZI ÚT 2. INTERSPAR PARKOLÓ

TIME: 03.06.2016 12:00-13:30

12.2 BRIEFING: (COMPULSORY)

LOCATION: GYULA, ARANYKERESZT HOTEL,
ESZPERANTÓ TÉR 2.

TIME: 03.06.2016 15:00

12.3 PUBLICATION OF STARTING LIST:

According to the Programme

12.4 START CEREMONY/OFFICIAL START:

LOCATION: GYULA, VÉRTANÚK ÚTJA.

TIME: 03.06.2016 16:05

13. RUNNING OF THE EVENT

13.1 ROAD BOOK PROVIDING

Leg 1: Administrative check

Leg 2: 03.06.2016. 17:40 Location: Service Park (ramp)

Leg 3: 04.06.2016. 17:00 Location: Service Park (ramp)

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 TC13 and TC27.

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-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. Early arrival also allowed the TC 18

13.6 PARC FERMÉ:

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

Location: GYULA, FÉLEGYHÁZI ÚT 2. INTERSPAR PARKOLÓ

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

14. SERVICE PARK

14.1 LOCATION: GYULA, VÉRTANÚK ÚTJA

GPS: N 46° 38,589' E 21° 16,223'

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.

Carwashes before each service, indicated in the road book.

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

Using a protector canvas under the racing vehicles 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 technical supervisors, and not complying will entail a 50.000FT fine.

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

15. PROTEST AND APPEALS

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

16. FINAL TECHNICAL SCRUTINEERING

LOCATION: KÖRÖS VOLÁN, KÉTEGYHÁZI ÚT 3.

TIME: 05.06.2016 FROM 15:10

17. RESULTS

17.1 PROVISIONAL OVERALL CLASSIFICATION PUBLICATION OF THE 1ST DAY

TIME: 03.06.2016 20:00

PROVISIONAL OVERALL CLASSIFICATION PUBLICATION OF THE 2ND DAY

TIME: 04.06.2016 19:30

17.2 PROVISIONAL FINAL RESULTS PUBLICATION:

TIME: 05.06.2016 17:00

LOCATION: GYULA, ARANYKERESZT HOTEL

18. PRIZES

18.1 PRIZE GIVING CEREMONY: GYULA

LOCATION: VÉRTANÚK ÚTJA, Podium

TIME: 05.06.2016 17:30

19. CHALLENGE GROUP

Regulation: http://mnasz.hu/uploads/documents/30/tr_2016_mod_16.02.06.pdf

1. Assessment of the race:

The average speed of the race specified in the Challenge Group held the following: Selective sections of some or all of the designated drivers TROB Group Challenge participants to carry out technical guidance and orientation tasks.

These sections define the extent of the Challenge Group reduced the average speed of the organizer and COC discussion after. The specified average speed (+/-) will meet the winner of the closest participating in each section. Selected sections of the online help of GPS tracking, the race management continually monitors the Group Challenge participants and unpublished GPS point or points to measure the passage of time you can use this evaluation in the future. The results of specified average speed sections highlighted at the event, as well as connecting them (runs) routes delays or early arrival is determined by an assessment of the Challenge Group at the end of the event.

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.

Parc 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.

LICENSE: **MNASZ K-0213/2016.05.09.**

Varga Imre
szakágvezető



APPENDIX I. GPS 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.

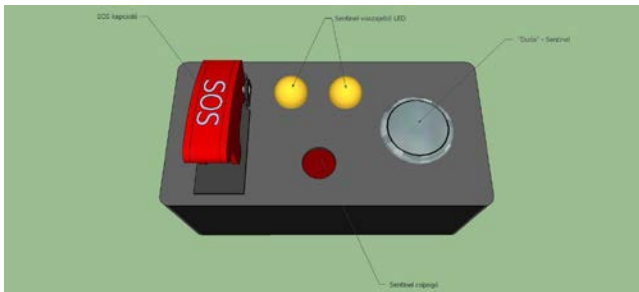
Sentinel function

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.



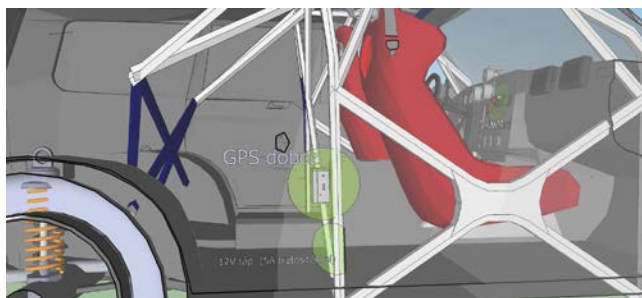
Pic. No. 2.: **SOS Panel** Sizes: 95x48x67mm Weight: 120 g

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 – Zsolt Marton