FunGaran Baja

FIA & FIM Cross-Country Rally World Cup



SUPPLEMENTARY FEGULATION

T4, OPEN







MAKOR



FUOTISTICATION RING-AUTO



























CONTENTS

IN	FRODUCTION	. 3
<u>PR</u>	OGRAM OF THE INTERNATIONAL OPEN CROSS-COUTRY CHAMPIONSHIP	. 4
1.	DESCRIPTION	. 6
2.	ORGANIZATION	.7
<u>3.</u>	ENTRIES	. 9
4.	INSURANCE	. 12
<u>5.</u>	ADVERTISING	.12
<u>6.</u>	IDENTIFICATIONS	.13
7.	TYRES	. 13
8.	FUEL	
9.	ADMINISTRATIVE CHECKS	. 13
10.	TECHNICAL SCRUTINEERING, SEALING AND MARKING	. 14
<u>11.</u>	SUPER SPECIAL STAGE	
12.	START OF THE EVENT	. 16
<u>13.</u>	RUNNING OF THE EVENT	. 16
14.	FIXED PENALTY	19
<u>15.</u>	SERVICE PARK	
<u>16.</u>	PROTEST AND APPEALS	21
<u>17.</u>	SUMMARY OF PENALTIES	21
<u> 18.</u>	FINAL CHECKS	.21
<u> 19.</u>	RESULTS	
<u> 20.</u>	PRIZES	.22
<u>AP</u>	PENDIX 1. – COMPETITOR RELATIONS OFFICERS	. 23
	PENDIX 2. – SHAKEDOWN	
	PENDIX 3. – TIMETABLE	
	PENDIX 4. – TRACKING SYSTEM	

The rally will run in compliance with the International Sporting Code (and appendices), the General Prescriptions applicable to all 2016 FIA Cross-Country World Cup Rallies, the national sporting regulations and these Supplementary Regulations. Modifications, amendments and/or changes to these Supplementary Regulations will be announced only by numbered and dated bulletins (issued by the organizer and approved by the FIA up to the time of the first stewards meeting and thereafter by the stewards). In case of differences in interpretation of these regulations, the ENGLISH TEXT alone will be considered as binding. These Supplementary Regulations are published both in English and Hungarian. In case of dispute concerning the interpretation of the regulations, only the English text will be binding. Additional information will be published in Rally Guide, issued on Monday 01 June 2016 in the official website:

Www.hungarianbaja.com

Abbreviations in this document refer as follows:

SR = These Sporting Supplementary Regulations

GP = FIA Cross-Country General Prescriptions 2014

ISC = FIA International Sporting Code

INTRODUCTION

GARZONE Racing Organization Promotion Ltd. will organise an International Open Cross-Country Championship named "HunGarian Baja 2016" from 11th August to 14th August 2016.

The event will take place in accordance with the following regulations, to which all drivers and competitors signing the entry form will be bound:

- The FIA International Sporting Code (and its appendices) /ISC/
- The 2014 FIA General Prescriptions applicable to the events counting towards the all FIA Cross-Country Rallies and the FIA Cross-Country Wold Cup. (General Prescriptions) /GP/
- Present Supplementary Regulations and its appendices /SR/
- Official bulletins
- The traffic regulations of Hungary

Modifications, amendments and/or changes to these Supplementary Regulations will be announced only by numbered and dated bulletins (issued by the Organiser and approved by the FIA and National Automobilsport Federation of Hungary (MNASZ) up to the time of the first stewards meeting and thereafter by the stewards).

The International Open Event run in parallel with the event of the World Cup and with the event of the Hungarian Championship (T1, T2, T3, T4, TH, Open, Challenge)

The event is the fifth event of the National Cross-Country Championship of Hungary with coefficient three.

There will also be:

a Motorcycle/Quad Bajas World Cup and European- and National Championship event with separate regulations and used same special stages, but different time.

The official time will be as GPS (GMT + 2hr). DST.

PROGRAM OF THE Cross-Country Rally 11-14. August 2016.

DATE	TIME	EPISODE	LOCATION
23.05.2016.	.05.2016. 10:00 Opening Date for Entries and		GarZone R.O.P.
Monday	Publication of th	the Secretariat ne Rally Guide	8200 Veszprém, Budapest str 89/ <i>A</i> <u>info@hungarianbaja.com</u>
25.07.2016.	24:00	Closing date for Entries at	GarZone R.O.P.
Monday		reduced fee	8200 Veszprém, Budapest str 89/A info@hungarianbaja.com
01.08.2016. <u>24:00</u> Monday		Closing date for Entries	GarZone R.O.P. 8200 Veszprém, Budapest str 89/A info@hungarianbaja.com
03.08.2016. Wednesday	20:00	Publication of Entry List with Starting Number and Checking Schedule	www.hungarianbaja.com
10.08.2016.	14:00	Opening date for the Secretariat	BudaWest Airport
Wednesday	14:00	 Accreditation Check In Delivery of identification plates, advertising and Baja Check List Opening Service Park 	Veszprém- Szenkirályszabadja Red Bull Rally Office
	20:00	Closing date for the Secretariat	BudaWest Airport
	20.00	olosing date for the occitoralian	Veszprém- Szenkirályszabadja
11.08.2016. Thursday	08:00	Opening date for the Secretariat and Press Office	BudaWest Airport Veszprém- Szenkirályszabadja Red Bull Rally Office
	09:00 - 19:00	Administrative Check (as per schedule published 3rd of august) Pickup the Safety Systems	BudaWest Airport Veszprém- Szenkirályszabadja Red Bull Rally Office
	10:00 - 21:00	Scrutineering (as per schedule published 3rd of august)	Ring Autó, 8200 Veszprém, Észak Keleti útgyűrű 18.
	20:00	Closing date for the Secretariat	BudaWest Airport Veszprém- Szenkirályszabadja
12.08.2016.	08:00	Opening date for the Secretariat and Press Office	BudaWest Airport
Friday Leg 1	08:00	and Press OfficeFirst Steward meeting	Veszprém- Szenkirályszabadja BudaWest Airport

	09:00 - 13:00	Shakedown	
	12:00 - 15:00	Entrance to the Parc Fermé	Veszprém, Óváros Square
	<u>15:15</u>	Press Conference	Veszprém, Óváros Square 9.
			Mayor's Office
			Kossuth room
	16:30	Briefing	Veszprém, Óváros Square 9.
		Publication of the Startlist (leg 1)	Mayor's Office
			Kossuth room
	18:00	Leg 1 Start	
	18:05	SSS START.	
	21:00	Start Ceremony	
	24.22	Choosing starting position of Leg 2	
	21:30	Leg 1. Finish	Duda Ward Airmant
	22:00	Publication of the results Leg 1.	BudaWest Airport
		Publication of the Startlist Leg 2	Veszprém- Szenkirályszabadja
		Closing date for the Secretariat and Press Office	
13.08.2016.	07:00	Opening date for the Secretariat	BudaWest Airport
Saturday	07.00	and Press Office	Veszprém- Szenkirályszabadja
Saturday	07.20		veszprem- Szenkiralyszabaaja
	07:30 08:30	Leg 2. Start SS 2 START	
	10:55	Service + Regrouping SS 3 START	
	13:30 15:55		
	<u>15:55</u>	Service	
	18:00	Leg 2. Finish	Duda Ward Airmant
	20:00	Publication of the results Leg 2. Publication of the Startlist Leg 3	BudaWest Airport
		Closing date for the Secretariat	Veszprém- Szenkirályszabadja
		and Press Office	
14.08.2016.	07:00	Opening date for the Secretariat	BudaWest Airport
Sunday	07.00	and Press Office	Veszprém- Szenkirályszabadja
January	09:00	Leg 3. Start	V 002 pr 0 m
	09:30	SS 4 STIGIBÁCSI START	
	12:35	Leg 3. Finish	
	13:00-	Final Checks	Ring Autó, Veszprém, 8200
	10.00	mai oneens	Észak Keleti útgyűrű 18.
	14:30	Steward Meeting	BudaWest Airport
	<u> </u>		Veszprém- Szenkirályszabadja
	15:00	Publication of the results Provisional	BudaWest Airport
	10.00	Final Classification	Veszprém- Szenkirályszabadja
		and last Steward Meeting	· 352pi Sili - 526iikii diy32dbddjd
	16:00	Prize-Giving Celebrating Ceremony	

1. DESCRIPTION

1.1 PLACES AND NAME AND DATE OF THE EVENT:

The GarZone R.O.P. organising a Cross-Country Rally World Cup named "HunGarian Baja 2016"

Place of the Event: Veszprém, Hungary Date of the Event: 11-14 August 2016

1.2 TITLES FOR WHICH THE HunGarian Baja COUNTS:

- * International Open Cross-Country Challenge And also to:
- * FIA Word Cup for Cross-Country Rallies
- * Fifth event of the Hungarian Cross-Country Rally Championship (2016)

1.3 VISA NUMBERS:

ASN registration number: K-342/2016.07.04.

FIA registration number: 6CCR/040716 issued on: 04.07.2016

1.4 LOCATION OF BAJA HQ:

From June 02 to Aug 10 in: HunGarian Baja Office

GARZONE R.O.P. Kft.

H-8200 Veszprém, Budapest str 89/a.

Tel: +36-30-791-4260

e-mail: info@hungarianbaja.com web: www.hungarianbaja.com

From Aug 10 at 14,00 h. to closure of the event Aug 14:

BudaWest Airport Veszprém- Szenkirályszabadja GPS COORDINATE: N 47° 5'7" E 17°58'10"

1.5 LOCATION START AND FINISH:

Leg 1 Departure from Parc Fermé and Start to the road section for the Super Special Stage (SSS.) will be given in Veszprém, Óváros Square, starting at 18:00 h. on Friday Aug 12, 2016. The estimated arrival of Leg SSS to the Parc Fermé will be at 21:10 BudaWest Airport.

Leg 2 Departure from Parc Fermé for Leg 2 will start at 08:00 h. in BudaWest Airport on Saturday Aug 13. The arrival of Leg 2 to Parc Fermé will be at 20:00 BudaWest Airport.

Leg 3 Departure from Parc Fermé for Leg 3 will start at 09:00 h. in BudaWest Airport on Sunday Aug 14. The arrival of Leg 3 to Parc Fermé will be at 12:30 h in BudaWest Airport.

Parc Fermé: 1. Veszprém, Óváros Square

2. BudaWest Airport Veszprém- Szenkirályszabadja

Start Ceremony: BudaWest Airport Veszprém- Szenkirályszabadja

Finish Ceremony: BudaWest Airport Veszprém- Szenkirályszabadja

1.6 PRESS OFFICE OPENING SCHEDULE:

Location: CROSS-COUNTRY RALLY HQ

BudaWest Airport Veszprém- Szenkirályszabadja

Time: Thursday 11. August 2016 08:00-20:00 hrs

Friday 12. August 2016 08:00-22:00 hrs Saturday 13. August 2016 07:00-21:00 hrs Sunday 14. August 2016 07:00-18:00 hrs

1.7 LOCATIONS OF THE OFFICIAL NOTICE BOARD:

Location: CROSS-COUNTRY RALLY HQ

BudaWest Airport

GPS COORDINATE: N 47° 5'7" E 17°58'10"

1.8 LOCATION PARC FERMÉ:

Location: 1. Veszprém, Óváros Square

2. BudaWest Airport

1.9 LOCATION SERVICE PARK:

Location: BudaWest Airport

GPS COORDINATE: N 47° 5'7" E 17°58'10"

2. ORGANIZATION

2.1 ORGANISER'S NAME:

Name of the organiser: GARZONE R.O.P. Ltd.

Name of the National Sporting Authority: MNASZ (National Automobilsport Federation of Hungary)

2.2 ADDRESS & CONTACT DETAILS:

HunGarian Baja

GARZONE R.O.P. Kft.

H-8200 Veszprém, Eszterházy Antal str. 7-9.

Fax: +36-88-799 154

e-mail: info@hungarianbaja.com web: www.hungarianbaja.com

2.3 ORGANISATIONS COMMITTEE:

Patron of the Event Mr. Gyula PORGA (HUN)

The Mayor of Veszprém

Mr. Balázs GYŐRFFY (HUN)

President of the National Chamber of Agriculture

Mr. Dávid STRAUB (HUN)

The Mayor of Csehbánya

President of the Organising Committee Members of the Organising Committee Mr. Zoltán GARAMVÖLGYI (HUN) Mr. László POLGÁR (HUN)

Mr. Sándor NÉMETH (HUN)

Mr. Ferenc SCHEIBENHOFFER (HUN)

Mr. Ádám NAGY (HUN)

Mr. Lajos GARAMVÖLGYI (HUN)

2.4 STEWARD OF THE MEETING:

Chairman of the Stewards (MNASZ)

Steward (MNASZ)
Steward (MNASZ)

Mr. Tibor OROSZLÁN (HUN) Mr. Péter KOVÁCS (HUN) Mr. István Gál (HUN)

2.5 SENIOR OFFICIALS:

Clerk of the Course Mr. Péter FALUVÉGI (HUN)
Deputy of Clerk of the Course Mr. László POLGÁR (HUN)
Chief Technical controller Mr. Zoltán RALLA (HUN)

Chief Technical controller Mr. Zoltán BALLA (HUN)
Chief Technical Scrutineer Mr. László TÜSKÉS (HUN)
Chief Safety Officer Mr. Sándor NÉMETH (HUN)

Deputy of Safety Officer Mr. Ferenc SCHEIBENHOFFER (HUN)
Section Safety Officers Mr. István NÉMETH (HUN)

Mr. István NÉMETH (HUN) Mr. István KOVÁCS (HUN) Mr. Ferenc MÁZI (HUN) Mr. Pál PÉTER (HUN) Mr. Ernő FEKETE (HUN)

46-59 Mr. Gyula SZOLNOKI (HUN)

60-68 Mr. Ferenc IZSA (HUN) 69-73 Mr. Norbert STRAUB (HUN) 74-82 Mr. András SZABÓ (HUN)

83-91 Mr. Zsolt LEIMEISZTER (HUN)

Mr. József FALLMANN (HUN)

Mr. Vilmos TELL (HUN) Mr. Lajos KALOCSA (HUN) Mr. Miklós KISS (HUN) Mr. Zoltán SZÖLLŐSI (HUN)

Chief Medical Officer Mr. Dr. Ferenc LETENYEI (HUN)
Timekeeping and Results Officer Mr. Csaba GLÜCK (HUN) - CHRONOMOTO

Timekeeping and Results Officer Mr. Csaba GLÜCK (HUN) - CHRONOMOT
Crews' Relations Officer Ms. Gabi KULCSÁR (SVK) ENG, HUN
Mrs. Petra ILLÉS-POLGÁR (HUN) ENG

GPS Control Mr. Zsolt MARTON (HUN) - M-INFO

Secretary of the Rally
Secretary of Stewards
Administrative Checking
Ms. Ágnes VENESZ (HUN)

Ms. Julianna TÖRÖK (HUN)

Ms. Tímea TÓTH (HUN)

Mrs. Judit VARGA (HUN)

Ms. Alexandra IHÁSZ (HUN) Ms. Annamária CSEH (HUN) Ms. Anita TÓTH (HUN)

Press Relations Officer Ms. Anita TÓTH (HUN)
Responsible for the Road Book Mr. László POLGÁR (HUN)
Responsible for checking the Road Book Mr. Péter FALUVÉGI (HUN)

Responsible for the environmental protection Mr. Péter BAKÓ (HUN)

Radio links for safety

Mr. István MÁTRAI sr. (HUN)

Team Rescue SpecialRescue Team

2.7 IDENTIFICATION OF OFFICIALS:

The Officials of the meeting will be identified with the following tabbards:

Chief post control: RED vest

Timekeeper and Marshall: WHITE vest Competitors Relations: GREEN armband

Technical Scrutineer: BLUE vest

On the Selective Sections, the control marshals (C.I., C.P. and C.S.) will be identified by the GARZONE SAFETY with numbered YELLOW VEST.

3. ENTRIES

3.1 OPENING AND CLOSING DATES:

OPENING DATE FOR ENTRIES: Monday, 23. May 2016 00:00 hrs
CLOSING DATE FOR REDUCED ENTRY FEES: Monday, 25. July 2016 24:00 hrs
CLOSING DATE FOR ENTRIES: Monday, 01. August 2016 24:00 hrs

3.2 ENTRY PROCEDURE:

The entry will be accepted only if accompanied by the total amount of the entry fee. The date from the sending post-office, resp. the date on the original filled-in form is the decisive date. If this application is sent by fax, the original must reach the Organiser latest at the Administrative Checking. Anybody wishing to take part in the Cross Country Rally HunGarian Baja must send their entry form duly completed (including driver, codriver and all details) to:

HunGarian Baja GARZONE R.O.P. Kft.

H-8200 Veszprém, Eszterházy Antal str. 7-9.

e-mail: info@hungarianbaja.com

For foreign competitors authorisation must be given by their ASN.

<u>Each competitor should have a FIA Competition Licence Entrant/Competitors 2016.</u>

Each Driver and Co-Driver should have a FIA Competition Licence 2016.

3.3 NUMBER OF ENTRIES AND CLASSES:

3.3.1 The maximum number of entrants will be 50, including all Priority Drivers.

If more than 50 entries are received, the Organiser has the right to decide which entries among the non-priority drivers will be accepted. Drivers with points for the FIA Cross Country Rally World Cup 2016 will be accepted.

3.3.2 Eligible Vehicles (cf. Art. 9.1 of FIA General Prescriptions 2016)

The maximum number of entries accepted is 100. The event is open to vehicles of a maximum gross weight of up to 3,500 kg for Groups T1, T2 and T3 and greater than 3,500 kg for Group T4, in due possession of a registration certificate. Vehicles, complying with the 'Score' regulations, will be accepted in the competition as per Article 9.4 (General Prescriptions). These vehicles must comply with the safety specifications laid down by the International Convention on Road Traffic, as well as the safety specifications laid down by the FIA regulations and by these regulations. The vehicles shall be assigned to the following categories:

<u>Group T4:</u> Series Cross-Country Rally Trucks weighing more than 3,500 kg <u>Group Open</u>

Vehicles entered in a class with less than 5 entrants will be competing only for the general classification and group classification.

3.4 ENTRY FEES:

Reduced entry fee 23r ^d of May up to 25 th of July				
TRUCKS T4:				
INCLUDED: ENTRY, INSURANCE, GPS TRACKING SYSTEM RENTAL, 50 m2 SERVICE AREA	2.921 Euro			
NOT INCLUDED: GPS TRACKING SYSTEM INSTALLER KIT and CAUTION, SERVICE PLATE				
These fees will be increased by 60% for those competitors not accepting the optional advertising of the Organisers = 4.4	70 Euro			
CARS OPEN:				
INCLUDED: ENTRY, INSURANCE, GPS TRACKING SYSTEM RENTAL, 50 m2 SERVICE AREA	1.905 Euro			
NOT INCLUDED: GPS TRACKING SYSTEM INSTALLER KIT and CAUTION, SERVICE PLATE				
These fees will be increased by 60% for those competitors not accepting the optional advertising of the Organisers = 4.4	70 Euro			
SUPPLEMENTARY MATERIALS:				
ASSISTANCE / SERVICE PLATE	200 Euro			
ADDITIONAL SERVICE AREA (50 m2)	100 Euro			
- NEW - SUPERIORSERVICE AREA (100m2) - NEW Included: Fix place with 220V Electricity, Private WIFI, Wc, 27% VAT	940 Euro			
PROMO PLATE - <u>To AGREE WITH THE ORGANIZER BEFORE THE RACE!!!</u>	1.000 Euro+			
Entry fee between 26 th of July and 1 st of August				
TRUCKS - T4:				
INCLUDED: ENTRY, INSURANCE, GPS TRACKING SYSTEM RENTAL, 50 m2 SERVICE AREA	3.505 Euro			
NOT INCLUDED: GPS TRACKING SYSTEM INSTALLER KIT and CAUTION, SERVICE PLATE				
These fees will be increased by 60% for those competitors not accepting the optional advertising of the Organisers = 5.486 Euro				
CARS Open:				
INCLUDED: ENTRY, INSURANCE, GPS TRACKING SYSTEM RENTAL, 50 m2 SERVICE AREA_	2.381 Euro			
NOT INCLUDED: GPS TRACKING SYSTEM INSTALLER KIT and CAUTION, SERVICE PLATE				
These fees will be increased by 60% for those competitors not accepting the optional advertising of the Organisers = 5.486 Euro				
COMPULSORY SAFETY KIT				
GPS TRACKING SYSTEM INSTALLER KIT	50 Euro			
Rent device for GPS TRACKING System (YOU MUST PAY ONLY AFTER 20TH OF JULY ENTRY)	300 Euro			
Caution for GPS TRACKING System (PAY ON THE ADMINISTRATIVE CHECKS)	300 Euro			

Applications for entry will not be accepted unless accompanied by:

- Entry fees (copy of bank transfer).
- Copy of Entrant and Drivers licences, as well as passports or national identification card.
- Copy of Homologation Certificate for the Vehicle, showing number, group and cubic engine capacity.
- -If the application form is sent by fax, the original one must be in the hands of the organiser not later than 1 week after closing date for entries.

PROMOTION Truck / VIP / Commercial Motorhome Area above 3.5 T	1.000 Euro
Guest Ticket	100 Euro
VIP Ticket	200 Euro
Gold VIP Ticket	300 Euro

Guest ticket: including parking space for 1 car in the "Parking Area reserved for Guests" and passes for 2 persons into the service area.

VIP ticket: including parking space for 1 car in the "Parking Area reserved for VIP Guests" and a pass for 1 person into the service area. VIP guests are also entitled to enter the VIP tent, where catering is provided throughout the entire event. 1 pass is eligible for 6 meal and drink menus.

Gold VIP ticket: including parking space for 1 car in the "Parking Area reserved for VIP Guests" and a pass for 1 person into the service area. VIP guests are also entitled to enter the VIP tent, where catering is provided throughout the entire event. 1 pass is eligible for 6 meal and drink menus. The Gold VIP pass also includes a helicopter trip of 10 minutes (in case of fog, rain, storm, heavy wind the helicopter trip will be cancelled).

3.5 PAYMENT

All Entry Fee payments should be made by bank transfer up to 1st of August 2016 to:

GARZONE R.O.P Kft.

Eszterházy Antal str. 7-9. Veszprém H-8200, Hungary

e-mail: info@hungarianbaja.com

UNICREDIT Bank Hungary Zrt.,

Account N°: 10918001-00000047-68630031

IBAN N°: HU52 1091 8001 0000 0047 6863 0031

SWIFT code: BACXHUHB

note: "ENTRY FEE FOR HUNGARIAN BAJA 2016 (DRIVER'S NAME)"

The entry will be considered invalid if it is not accompanied by the entry fee!

Crews entered for participation in the Hungarian Championship Event and paid entry fees in compliance with Supplementary Regulations of the National Championship event have to pay less entry fees for participation to this event.

3.6 REIMBURSEMENT

According to Art. 11.7GP 2016, entry fees will be refunded in full to candidates, whose entry has not been accepted and in case of the Event not taking place. The organiser will reimburse the entry fees, minus a variable retainer, to competitors, who were unable to participate in the event for reasons of "force majeure", subject to the application reaching the organisers the request for cancellation by certified mail.

The reimbursement will be:

- 75% of the entry fee for the requests received up to 60 days before the start administrative checks.
- 50% of the entry fee for the requests received up to 30 days before the start administrative checks.
- The requests received less then 30 days before the start administrative checks is not entitled to any amount of reimbursement .

4. INSURANCE

4.1 TRAFFIC INSURANCE:

Third party risk insurance (Traffic insurance) is compulsory for all crews taking part in the rally which extension is included the entry fee. All competitors must have a traffic insurance policy to present it at the administration checking. This insurance is valid both on road sections and special stages. Description of the organizer's insurance will be published before the administrative checking.

4.2 INSURANCE AMOUNTS:

The crew will get the supplement of the insurance on the Administrative Check. The entry fee includes the insurance Premium for the following risks:

- Compulsory to third parties liability under current Hungarian regulations.
- The payment of those sums for which participants may become civilly liable as a result of accidents or fires caused by vehicles taking part in the event, up to a maximum of 300.000.000 HUF per accident or 300.000.000 HUF total amount.

4.3. OTHER PRESCRIPTIONS

In case of an accident, the entrant, or its representative, must give written notification to the Clerk of the Course or the Secretary as soon as possible, and within a maximum of 24 hours. This statement should set out the circumstances of the accident, damages, eventually blessed, as well as the names and addresses of witnesses. Competitors are reminded that only damage caused by the organizers and named drivers are covered by the Organization's insurance policy. Loss or injury that may be suffered by the drivers themselves or participating vehicles is EXCLUDED. Irrespective of this Third Parties insurance, entrants and drivers are free to take out the policies they deem fit on their own account and at their own discretion. Service vehicles, including those displaying the plates supplied by the Organization, shall under no circumstances be deemed participating vehicles. They are therefore not covered by the Organization's insurance policy and responsibility for them lies solely with their owners. In case of accident, competitors and drivers exempt the event organizers from any liability and waive any right to bring claims against them.

The insurance cover will come into effect from the administrative checking and scrutineering for the Event and end upon the expiry of one of the following time limits, whichever is the later:

- time limit for protests or appeals or the end of any hearing by the Stewards;
- end of the administrative checking and post-event scrutineering;
- end of the prize-giving

4.3.1 NAME OF THE INSURANCE COMPANY

SRC SPECIAL RISK CONSORTIUM GMBH Kunibertskloster 7-9 D 50668 KÖLN

5. ADVERTISING

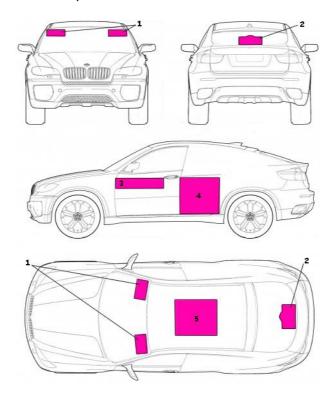
- 5.1. Competitors are allowed to affix any kind of advertising, in accordance with Art. 16.1 GP 2016.
- 5.2. The collective advertising will be published by the Organisers by means of a Bulletin, and in accordance with Art. 16.6 GP 2014.

Case compulsory or optional advertising obsent or wrongly fixed, the penalty for the 1st offence is +10% of entry fee and each repeated offence +100% of entry fee.

5.3 The number and dimensions of the plates will be in accordance with Art. 15 and 16 GP 2016.

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
- 2 One rally plate placed vertically at the rear of the vehicle
- 3 Three race number panels 48 cm \times 52 cm
- 4 Two 50 cm x 52 cm panels with the optional advertising
- 5 One 50 cm x 52 cm Race Number panel, located on the roof of vehicle compulsory



Tobacco and smokers products advertising is forbidden in Hungary.

6. IDENTIFICATIONS

In accordance with Art. 15 of FIA GP 2016.

7. TYRES

In accordance with Art. 12 of FIA GP 2016.

8. FUEL

In accordance with Art. 34 of FIA GP 2016.

9. ADMINISTRATIVE CHECKS

9.1 LOCATION: BudaWest Airport Veszprém- Szenkirályszabadja

GPS COORDINATE: N 47° 5'7" E 17°58'10"

9.2 TIMES/ SCHEDULE: Thursday 11. August 2016. 09:00-19:00 hrs

The scheduled times for the convocation at the Administrative and Technical Checks will be published in the Official Notice Board and in the official website www.hungarianbaja.com and communicated to all competitors by e-mail.

All the crews entered must present themselves (competitor, 1st driver, 2nd driver who will pass a signature check) with their vehicle according to the established timetable.

Any crew reporting to the scrutineering area and/or administrative checks outside the time prescribed will have a cash penalty, except in the event of force majeure accepted by the Stewards.

9.2.1. The following time Controls will be installed:

CHV-1: Before Administrative Checks (according to the schedule to be published by means of an information bulletin) Arrive at control CHV-1 more than 30 minutes late will be known to the Stewards who may impose a penalty at their discretion.

9.3 DOCUMENTS TO BE PRESENTED:

The following items will be checked at Administrative Checks: PERSONAL:

- FIA Competitors Licence
- FIA Driver and Co-driver International Competition Licence
- Driver and Co-driver civil driving licence
- ASN stamp for foreign competitors International start permission
- Eventually, entry form details
- Control of presence by signing the entry form.
- Life insurance policy
- 3x3 cm identity pictures of the crews

VEHICLE:

- Vehicle Registration Documents, certificate of ownership of the vehicle or authorization from the registered owner
- Car Insurance policy (International Car Insurance Card)
- Original Homologation papers for T4
- Original Homologation Certificate for rollcage if concerned
- Valid FIA International Technical Passport
- Confirmation of the installation of the security and navigation equipments.
- Original certificates for fuel tanks

10. TECHNICAL SCRUTINEERING, SEALING AND MARKING

The Administrative Check must be completed prior to Scrutineering and competition numbers, Online GPS, cross country rally plates and advertising decals shall be affixed on the vehicle before entering the Scrutineering venue.

10.1 LOCATION: Ring Autó - SEAT Service

8200 Veszprém, Észak Keleti útgyűrű 18.

GPS COORDINATE: N 47° 6'22.57" E 17°55'47.92"

10.2 TIMES/ SCHEDULE: Thursday 11. August 2016 10:00-21:00 hrs

The scheduled times for the convocation at the Administrative- and Technical Checks will be published in the Official Notice Board and in the official website www.hungarianbaja.com and communicated to all competitors by e-mail. All the crews entered must present themselves with their vehicle according to the established timetable, and with the security and navigation equipments duly installed (according with the information in the official Web).

10.2.1. The following time Controls will be installed:

CHV-1: Before Scrutineering Checks (according to the schedule to be published by means of an information bulletin) Arrive at control CHV-1 more than 30 minutes late will be known to the Stewards who may impose a penalty at their discretion.

10.3. NECESSARY CONDITIONS

Vehicles must comply with the following when arriving for scrutineering:

- All rallye plates, competition numbers and advertising plates must be fitted according to the supplementary regulations.
- Sealing holes must have been drilled with a minimum diameter of 1.5 mm (according to Appendix 2 GP 2014).
- Delivery of the Safety Form with the FIA homologation for helmet, overalls, gloves, balaclava, socks, long underwear, shoes and FHR (head restraint). (according Art. 14.5 GP 2014 and Appendix L, Chapter 3).
- 10.3.1 In the event of absence of a windscreen at the start of a leg, the wearing of a full face helmet with a visor, or a motocross type goggles, or an open face helmet with motocross type goggles shall be compulsory for all members of the crew, otherwise the vehicle shall not be admitted to the start of the leg. During legs, crews must always have motocross type goggles in the cockpit, to be used in case of windscreen breakage.

10.4. Parc Fermé

After the technical scrutineering the crews must place the vehicles in Parc Fermé, located in **Veszprém Óváros Square** from 12:00 h to 15:00 h on Friday, 12 August.

At the end of Leg 1, the crews must place the vehicles in Parc Fermé, located in the **BudaWest Airport** according time scedule of the event on Friday, 12 August.

At the end of Leg 2, the crews must place the vehicles in Parc Fermé, located in the **BudaWest Airport** according time scedule of the event on Saturday, 13 August.

At the end of Leg 3, the crews must place the vehicles in Parc Fermé, located in the **BudaWest Airport** according time scedule of the event on Sunday, 14 August.

The delay at the presentation at time control Parc Fermè entrance, may imply a penalty at the Stewards discretion.

10.5. Additional checking of the crew members and/or the vehicle may be carried out at any time during the event. These checks must be organised in such a way that they do not penalize the competitors.

11. SUPER SPECIAL STAGE

The Superspecial Stage will be held on Hungarian Baja, 12th August 2016 18:00.

11.1. This stage must be performed with the full team in the vehicle (driver and co-driver). Any delay in reporting to the start of the Stage will be penalized at the rate of one minute per minute's delay. Vehicles arriving more than 30 minutes late will not be allowed to start. For the SSS, times will be taken in hours, minutes, and seconds.

In case of ex-aequo, priority will be given to the crew who achieved the time first. It shall count for the classification of the event. Any road or other time penalties incurred will be taken into account for the general classification of that leg and applied the same day but will not affect the starting order of the following selective section except for such penalties involving jump starts, shortcuts, or other matters which materially affect the competitor's performance on the SSS itself. The first ten competitors will choose their start position for the rally according to the results of the SSS.

Following the SSS, the starts for the next Leg including a selective section shall be given according to the procedure laid down in Art.4.11. The first ten competitors in the classification of the SSS will choose their start positions for the next Leg or section of the rally as follows:

- The competitor in tenth place will start among the first ten positions
- The competitor in ninth place will choose to start before or after the tenth
- The competitor in eighth place may choose to start before, after or between the previous competitors and so on

These ten competitors will compulsorily start the rally in the first ten positions.

The location and time of this procedure is 12. August in BudaWest Airport Veszprém - Szenkirályszabadja podium at 20:45h.

The participation for all 1st-10th drivers and co-drivers at the Starting Order Choosing Ceremony for the competing duo at 20:45h 12.08.2016. is compulsory!

12. START OF THE EVENT

12.1 PUBLICATION OF STARTING 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

In the Start Parc Fermé crews should be ready 15 minutes before the individual ideal starting time.

13. RUNNING OF THE EVENT

13.1 RESCUE CARS

The crane vehicles, present at the output of the special stages are available to the Race Directors for the sole purpose, if necessary, to release the road (the route).

Any involvement of these cranes in the organization made at the request of a competitor or his representative, apart from a decision of the Race Director, will be charged to the participant.

13.1.2. In case of neglect, the contestants are required to notify as soon as possible the Race Directors using the emergency phone number indicated at the administrative checks. Any failure will be reported to the Stewards that will determine the sanction to apply.

13.2 STARTING PROCEDURE FOR THE SPECIAL STAGE will be as follows:

On the start of the Special Stage the crew stops the car at the start control, the marshal notices in the time card the actually start time of the car (hour and minutes) and the start will be given by means of a light equipment. A digit display will show continuously the time progressing.

The marshals will call out loud the 30, 15, 10 seconds then point towards the start equipment. Beginning from the 55 seconds, red lights will be flashed per every second, then at 00 seconds the red lights will go off and below, the green lights will go up. This will be the time to start.

In case the equipment goes wrong the marshals will change to manual starting procedure. Art. $39.3\ GP\ 2016$.

13.2.1 After Leg 1, and for the following legs, the start will be given by the first ten choosing and after following the order of the Selective Section Classification of the previous leg and every 2 minutes for the first 10 classified (Art.19.1/4GP 2016).

In case of 2 or more succesive selective sections, the starting order of the next day's leg will be

drawn up by cumulating the times of these selective sections. In case of an ex aequo, priority will be given to the crew who achieved the fastest time in the 1st selective section (Art.19.3 GP 2016). Any vehicle reporting late for the start of a Leg shall be penalised at a rate of one minute for every minute of lateness. If lateness exceeds 30 minutes the competitor will be excluded or receive a Fixed Penalty where appropriate.

Publication of starting lists: Leg 1:

Leg 1:

Place: Official Notice Board Veszprém, Óváros Square 9.

Mayor's Office, Kossuth room at 16:00 Friday 12 August

Leg 2:

Place: Official Notice Board BudaWest Airport

at 22:00 Friday 12 August

Leg 3:

Place: Official Notice Board BudaWest Airport

at 21:00 Saturday 13. August

13.2.2 Closed Control

Control post must be ready to function 1 hour before the target time for the passage of the first crew. Unless the clerk of the course decides otherwise, they will cease to operate 1 hour after the target time for the last crew, plus the maximum time allowed for the last competitor (Art. 37.5 GP). Any crew with a delay higher than 30 minutes at any time control, will have the start refused for the following section, but will not be eliminated from the event.

Penalty to be imposed will be:

30 minutes for the delay in this control, adding the penalty for not taking the Start in the following 5.5., and adding the maximum time authorized for the selective section not completed.

Example:

Sector

Maximum time allowed: 01h 00'

Case 1 - Competitor $n^{\circ}1$ Start C.H.1 12h 00 ' Arrival C.H.2 13h 00 ' penalty = 0'

Case 2 - Competitor n°1 Start C.H.1 12h 00'

Arrival C.H.2 13h 30' penalty = 30'

Case 3 - Competitor n°1 Start C.H.1 12h 00'

Arrival C.H.2 13h 31' penalty = 30' + penalty for not taking Start in

following S.S. + maximum time allowed for

following S.S.

Case 4 - Competitor n°1 Start C.H.1 12h 00'

NO ARRIVAL TO C.H.2' penalty = 30' + penalty for not taking Start in

following S.S. + maximum time allowed for

following S.S.

13.3. Early check-in at the end of Leg

Early arrival at the end of Legs (1st, 2nd) time controls will not be penalized (Art. 38.9 GP 2016).

13.4. It is strictly forbidden to enter or leave a control area from any direction other than specified by the Road-Book, or to re-enter a control area once checking in has taken place at this control.

page 17 of 22

13.5. Issue and collection of time cards

The time card will be given to each crew at the start of each Leg in accordance with the (Art. 36 GP 2016).

13.6. TOTAL DISTANCE OF THE COURSE

The HunGarian Baja 2016 consists in four (4) selective sections and three (3) Legs:

- SSS, for the purpose of determining the starting order for the next Leg according to Art. 19.3. GP 2016, with a distance of aprox. 10,3 kms.
- Leg 1 includes the SSS.
- Leg 2 includes 2 selective sections (SS.2; SS.3)
- Leg 3 includes 1 selective section (55.4)

Total distance of selective sections: 300 km

Total distance of the event: 400 km

According Art. 6.6 of 2016 FIA CCRGP the average altitude of selective sections are less than 1.000 meters.

The itinerary shall be kept secret and will be revealed to the crews only by the time of the delivery of the respective road books.

13.7. OFFICIAL TIME:

For Cross Country rallies GPS time is the official time. (Art 4.9. General Perscription)

13.8. SAFETY TRACKING EQUIPMENT:

It is compulsory for the competitors to equip their cars with the M-Info GPS/GSM tracking + GMW system unit, for active monitoring of all participating vehicles.

The M-Info Tracking System incorporates both GPS Live tracking/recording and "vehicle-to-vehicle technology. Commands and warnings from/to HQ and car-to-car are managed through the CommBox. The rent of these units is included in the entry fee.

Then, at the administrative checks, each entrant must give $300,00 \in as$ a guarantee deposit to the organisers. Installation, information and instruction for use will be provided and can be downloaded on the HunGarian Baja's Official website www.hungarianbaja.com and www.sporttraxx.com website.

- 13.8.1. No competitor with a car without the tracking unit will be authorized to start.
- 13.8.2. The clerk of the course will use the competitors track monitored and recorded by the tracking system to check for eventual deviations and especially short cuts. These will be reported to the stewards who may apply sanctions.
- 13.8.3. Any attempt to tamper with, to manipulate or to interfere with the tracking device fitted to the competing car or any device that fails to record a trace due to external interference, will be reported to the stewards who may impose a penalty up to exclusion

13.9 "Vehicle to Vehicle Alarm" system

(Recall of the Art. 27 of the Cross Country General Prescriptions 2016)

The system "vehicle to Vehicle Alarm" (a device that signals to a competitor that he may be overtaken) must obligatorily be mounted on all the cars of the Competitors participants to the Baja. The modalities of rental and assembly on the vehicle are indicated in the www.sporttraxx.com site. No competitor with a car without the "Vehicle to Vehicle Alarm System" unit will be authorized to start.

13.10 Assistance in case of accident

(Recall of the Art. 28 of the Cross Country General Prescriptions 2016)

- a) In case of accident and if at least one crew member is conscious and able to move by himself, he will have the obligation to:
- 1 Trigger the alarm of the Vehicle to Vehicle alarm System through the Box.

Then, in case of a serious accident:

- 2 turn ON the red SOS button in order to alert HQ.
- 3 If the vehicle represents a danger for other competitors or, in order to secure the scene of the accident, one crew member must place a red reflective triangle in a conspicuous position at least 50 meters before the vehicle's position, in order to warn following drivers.

Any crew failing to comply is subject to a penalty at the discretion of the Stewards.

- b) In case of a serious accident and where the two crew members are unable to move themselves, and which needs the action of the rescue service, the first competitor arriving on the accident which results in physical harms must:
- Stop;
- Turn ON immediately on the red SOS button of their Box;
- Give the first aid to the crew members and get information on their condition;
- Call the Rally HQ by phone to report of the situation;
- Wait the rescue service or another competitor to arrive;
- Turn OFF the red SOS button of their Box to report that they are leaving the scene.
- 1 At a written request from the competitor to the clerk of the course on arrival at the end of the Leg, the full stopping time between the 2 "Tracking" alerts (SOS red button) only in the case of a minimum of 3 minutes spent on the accident, may be deducted the same day from the time taken to cover the selective section, only for the first 2 crews which stops at the scene of the accident.
- 2 The Vehicle to Vehicle alarm System must be fitted in the vehicle in order to be reached and operated by at least 2 of the crew members while seated with their belt fastened.
- 3 Any crew which fails to comply with the prescriptions of the present article 14.1 will be reported to the Stewards who may impose penalties as provided for in the Code.

13.11. RECONNAISSANCES

Reconnaissance of the route (INCLUDING SSS) is totally forbidden. Possession of route notes or other informations different from those given by the Organization is forbidden. Penalty decision at Stewards' discretion.

The only official route is that set out in the Road-Book.

To help competitors, the Organizer will indicate intersections and features of the route by means of arrows and tapes. The Road-Book shall be, however, the only official document for the itinerary to be followed.

14. FIXED PENALITY

14.1 Maximum time allowed and fixed penalties

14.1.1 Time Controls - Maximum Time allowed - Penalties

A maximum lateness of 30 minutes for every Road section and a total lateness of 30 minutes in road sections of a Leg is authorised. This lateness will be penalised at a rate of 1 minute per minute or fraction of minute according the Art. 38.8 of General Prescriptions 2016.

14.1.2 Those drivers, who can't complete the leg for any reason (getting lost, technical problems, etc.) but are capable of arriving with their vehicle on their own with a running engine, without any help in the Parc fermé at the end of the leg by the time of the planned publication of the provisional results, or during the day at the regrouping station by the time the 1 st vehicle's planned time stated in the official timetable, may take part int he rally with the following penalties:

	FRIDAY	SATURDAY		SUNDAY
TIMES ON SELECTIVE SECTIONS	SSS 10,3 km HH:MM	SS2 170,1 km HH:MM	SS3 170,1 km HH:MM	SS4 STIGIBÁCSI 170,7 km HH:MM
Maximum time	00:30'	03:30'	03:30'	03:30'
Finish in the Maximum time	Time taken	Time taken		Time taken
Don't finish in the Maximum Time and having take the Start	00:30'	04:00'	04:00'	04:00'
No take the Start	01:00'*	07:00'**	07:00'**	Exclusion

^{*} Subject to approval by the Stewards and force majeure.

Maximum time allowed may be modified by the Stewards upon the proposal of the clerk of the Course in case of non - predictable circumstances (climate, modifications in section distance, etc..)

This penalty is only applicable to crews, who:

- Complete at least 50% of the total distance of the selective sections of the race.
- Have started on every leg.

If any of the above requirements are not met, the crew is excluded from the event.

* OTHER PENALTIES	H:M:S
For each CP passage missing, * if the crew have take the start	1:00:00
For each CP stamp missing, * if the crew have take the start	0:30:00

^{*} These penalties shall be added to the time of the corresponding SS to ob tain the total time elapsed.

15. SERVICE PARK

15.1 Location

Work on a competing car will be permitted only at service areas specified by the Organization.

Location:

BudaWest Airport

15.2 Access times for service vehicles

According to Programme.

15.3 Operation of the Service Areas

Car wash and Refuelling is strongly prohibited in the total area of the service!!!

For safety reasons and the proper functioning of the Service Areas, entry will be permitted only to service vehicles showing the Plates supplied by the Organization.

Tampering with or falsification of these plates will lead to disqualification of the team to which these service vehicles belong, on the decision of the Stewards.

Plates will be placed in a visible area of the front windscreen of the vehicle. Each crew will receive one "service" plate free.

The maximum speed allowed in the service parks is 30 km/h

page 20 of 22

^{**} You must have taken start at that Leg.

15.3.1 Throughout the rally, servicing of a competing car may be carried out only in service parks. Repairs that may be carried out by a team using on-board equipment or equipment carried by another participant in the race are authorized along the whole route. Any other external servicing outside the authorized areas is forbidden and shall be penalized by EXCLUSION at the Stewards' discretion.

15.4. Refuelling

In accordance to Art. 33 GP 2016.

16. PROTEST AND APPEALS

Any protest will be formulated according to Art. 47 GP 2016 and the Chaperts 13 and 14 of ISC.

16.1 Protest fees

According with Art. 47.1 GP 2016 the fee is 1.000 Euro

16.2 Appeal Fees According to Chapter 14 of ISC, competitors have the right to appeal against a sentence or other decision pronounced on them by the Stewards of the meeting. According to art, 15 of the Regulation of the "Tribunal International d'appel", the fee specified for 2016 for an international appeal is 6.000 Euro (Art. 47.5 GP 2016)

17. SUMMARY OF PENALTIES

	ART	PENALTY
Compulsory or optional advertising absent or wrongly fixed	5.2	1st offence (+ 10% of entry fee) Each repeated offence (+100% of entry fee)
Delay at Time Control before Administrative Checks	9.2.1	Stewards discretion + 100 Euro
Delay at Time Control before Scrutineering	10.2.1	Stewards discretion + 100 Euro
Delay at Time Control before entrance Parc Fermé	10.4	at Stewards discretion + 100 Euro
Delay at the start of each Leg.	11.6	For each minute = + 1' penalty + 30 minutes = start refused

18. FINAL CHECKS

Final checks may be held, according to the Art. 48 G.P. 2016.

Cars subject to final checks (decision by the Steward) must have one representative for the competitor as well as mechanics (in case of dismantling) present at the final check.

19. RESULTS

The Provisional overall classification will be published on the official notice board in the Rally H.Q. in **BudaWest Airport** at **Sunday 14**. **August 2016 15:00 h**

20. PRIZES

20.1 PRIZE GIVING CEREMONY:

Location: BudaWest Airport

Time: Sunday 14. August 2016 16:00 hrs

20.2 PRIZES:

The prizes for Cross Country rally HunGarian Baja will be awarded following:

GROUP CLASSIFICATION (T4) -1st to 3rd Trophys

(Open) -1st to 3rd Trophys

The organizer can for see other prizes too.

Prize giving for the Hungarian Cross-Country Rally Championship will be held according to the ASN regulations of this series.

The prizes will only be given to these Categories, Groups and Classes, if there is a minimum of 5 participants at the start, otherwise only the first given prizes.

In the case of changing in the supplementary regulation, the organizer will send an official bulletin.

In all circumstances, drivers may only participate at the event under their own responsibility.

At the entire route of the event the national traffic rules must be respected.

FIA registration number: 6CCR/040716 issued on: 04.07.2016

Approval number of the Cross Country commission: K-342/2016.07.04.

Head of the Hungarian Cross Country Commission:

APPENDIX I.
Crews' Relation Officers

Crews' Relations Officers, wearing a GREEN armband, will be present during the Administrative Checks and Scrutineering. For the Whole rest of the rally they will be available by phone or in the places and at the times specified in their working plan.



(SVK + ENG + HUN) Ms. Gabi KULCSÁR +36-302-666-588



(ENG + HUN) Mrs. Petra ILLÉS-POLGÁR +36-308-526-441

TBA

APPENDIX 2. - SHAKEDOWN

APPENDIX 3. - TIMETABLE

APPENDIX 4. - TARCKING SYSTEMS

APPENDIX 5. - ARRIVAL GUIDE

APPENDIX II. Shakedown

23.05.2016.

Monday Opening date for shakedown's entries

01. 08. 2016.

Monday

Closing date for shakedown's entries

11, 08 2016.

Thursday · 08.00 to 19.00 Delivery Shakedown's materials

(Identification plates - Road Book)

12. 08. 2016.

Friday • 09.00 to 13.00 Shakedown
Length: 2 km

ENTRY PROCEDURE

Anybody wishing to perform the Shakedown must inform via email the secretariat of the Event.

ENTRY FEE

Fee received from 23.05. to 01.08.		
Entrant (2 hours)	€ 200,00	

The price includes:

- VAT 27%
- Insurance
- SHAKEDOWN Road Book
- Rescue and Medical preparedness

CONDITIONS TO PARTICIPATE

- Driver and co-driver must be those registered in the entry form of HunGarian Baja 2016;
- the vehicle must be the one indicated in the entry form of HunGarian Baja 2016;
- the shakedown's fee must be paid;

SHAKEDOWN'S PLATES

To participate at the Shakedown, all panels received during the administrative checks, included the Shakedown's one, must be affixed at the vehicle.

1 strip 25 cm \times 10 cm of height on the centre top of the windscreen

SERVICE AREA

Close to the Shakedown zone, the Organiser will provide an area where it will be possible to service on the race vehicles.

RUNNING OF THE SHAKEDOWN

Inside the race car, there will be both competitors registered at the HunGarian Baja 2016 and they must wear clothing and equipment determined in the FIA GP 2016.

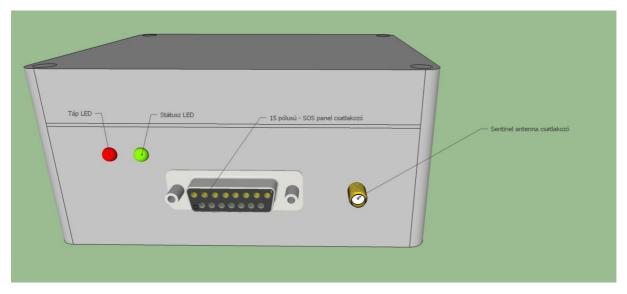
All vehicles will start with an interval of 2 (two) minutes: the starting order will be based on their arrival at the preset zone and they can make as many laps as they wish in two hours.

APPENDIX III.
Timetable

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 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. Int he 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 int he vacuum pressure.

Evaluation of data

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

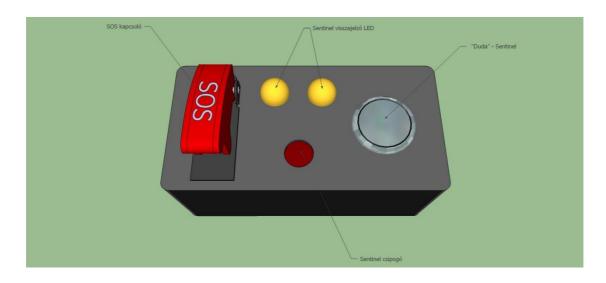
Initial assessment of the competition supervision interface, real time data available online. This means the data that the device has been uploaded to the central database and downloaded online, analyzed by the supervisory program. The yet uploaded,or not yet analyzed data will be carried over in the subsequent analysis. Not uploaded data case occurs when the device is in the absence of 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 int he 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.



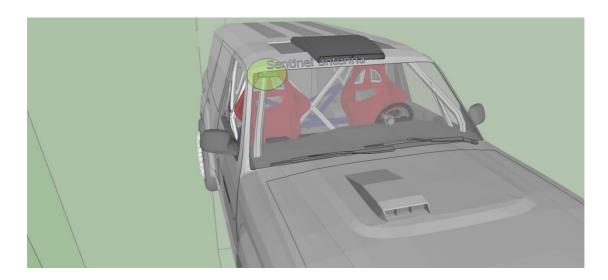
Pic.No. 2.: **SOS Panel** Sizes: 95x48x67mm Weight: 120 g

Tool installation

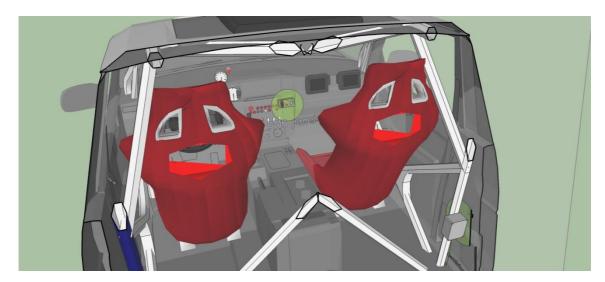
- SOS panel, Sentinel antena placement: Previously purchased SOS panel's red and black wires with the 2poled TMWS2T connector must be connected to the 5A fuse mating port (horizontal shoe positive, vertical shoe negative polarity), 15 poled connector's end has to be wired with the right B column. SOS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



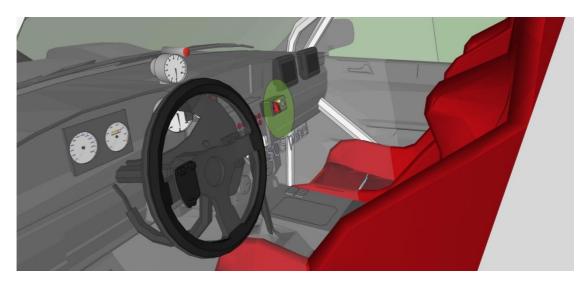
Pic.No. 3.: How to install 1.4



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

APPENDIX V.
Arrival Guide