

# SUPPLEMENTARY REGULATIONS

Rally 2016  
**Argentina**

21 al 24 de abril April 21 - 24

ACA  
AUTOMOVIL CLUB ARGENTINO

WRC  
FIA WORLD RALLY  
CHAMPIONSHIP



wrc.com



**RALLY ARGENTINA 2016**  
**APRIL 21 – 24, 2016**

- \* FIA World Rally Championship for Drivers
- \* FIA World Rally Championship for Co-Drivers
- \* FIA World Rally Championship for Manufacturers
- \* FIA WRC 2 Championship for Teams
- \* FIA WRC 2 Championship for Drivers
- \* FIA WRC 2 Championship for Co-Drivers
- \* FIA WRC 3 Championship for Teams
- \* FIA WRC 3 Championship for Drivers
- \* FIA WRC 3 Championship for Co-Drivers

**SUPPLEMENTARY REGULATIONS**

**APPROVED BY THE FIA**







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## 1. INTRODUCTION

**1.1** Rally Argentina 2016 will be run in compliance with the International Sporting Code and its appendices, the 2016 FIA World Rally Championship Sporting Regulations, the National Sporting Regulations which comply with the FIA 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 Organiser or the Stewards). Additional information will be published in Rally Guide 2 issued on Tuesday, March 22.

The 2016 FIA World Rally Championship Sporting Regulations can be found at [www.fia.com](http://www.fia.com)

### **1.2 Road Surface**

The rally special stages will be run on gravel, except for Super Special Stage 1.

### **1.3 Overall SS distance and total distance of the itinerary**

SS Distance: 345,14km

Total Distance: 1.496,73km





## 2. ORGANIZATION

### 2.1 FIA titles for which the Rally counts

- \* FIA World Rally Championship for Drivers
- \* FIA World Rally Championship for Co-Drivers
- \* FIA World Rally Championship for Manufacturers
- \* FIA WRC 2 Championship for Teams
- \* FIA WRC 2 Championship for Drivers
- \* FIA WRC 2 Championship for Co-Drivers
- \* FIA WRC 3 Championship for Teams
- \* FIA WRC 3 Championship for Drivers
- \* FIA WRC 3 Championship for Co-Drivers

### 2.2 VISA numbers - FIA and ASN

ASN visa No: CDA190116                      issued on: 19/01/2016  
 FIA visa No: 4WRC/150216                      issued on: 15/02/2016

### 2.3 Organiser's name, address and contact details

Automóvil Club Argentino (ACA).

#### Permanent Secretariat in Córdoba:

Rally Argentina Secretariat  
 Mons. Pablo Cabrera 2256 – Bº Altos de San Martín  
 X5008HHJ – Córdoba - Argentina  
 Tel/Fax: + 54 351 4872727 / 4872010 / 4877653.  
 Internet: official web site: <http://www.rallyargentina.com>  
 E-mail: [info@rallyargentina.com](mailto:info@rallyargentina.com)

#### In Buenos Aires

Automóvil Club Argentino  
 Av. del Libertador 1850.  
 1425. Buenos Aires, Argentina.  
 Tel: ++ 54 11 4808 4389. Fax: + 54 11 4808-4620

### 2.4 Organization Committee

Mr. Carlos García Remohí, Mr. Jorge E. Revello, Mr. Alfredo Menendez, Mr. Eugenio Breard, Mr. David Eli, Mr. Carlos Borrión.

### 2.5 Stewards of the Meeting

President:	Mr. Timo Rautiainen	(FIN- Chairman of the panel)
Members:	Mr. Jaime del Palacio	(MEX)
	Mr. Carlos Garcia Remohí	(ARG)

Secretary to the Stewards: Ms. Yvonne Gilli





## 2.6 FIA Delegates

FIA Sporting Delegate	Mr. Jarmo Mahonen
FIA Safety Delegate	Mrs. Michele Mouton
FIA WRC Media Delegate	Mrs. Hayley Gallagher
FIA WRC Medical Delegate	Dra. Manuela Alberro
FIA Technical Delegate	Mr. Jérôme Toquet
Assistant to FIA Technical Delegate	Mr. Karmo Uusmaa
Assistant to FIA Technical Delegate	Mr. Clément Clerc

## 2.7 Senior officials

Clerk of the Course	Mr. Alfredo Menendez
Assistant Clerks of the Course	Mr. Andrés Castelo
	Mr. Juan Oller
Safety Officer	Mr. Carlos Borrione
Scrutineers	Eng. Daniel Rial
	Eng. Angel Portella
	Mr. Justo Barbosa
Medical Officer	Mr. Javier Ocanto
Assistant to Medical Officer	Mrs. Silvina Colomé
Press Officer	Mr. Augusto Lobo
Competitors' Relations Officers	Mr. Jorge Canaves
	Mr. Santiago García Remohí
	Mr. Christian Delía
	Mr. Juan Martín Celesia
Chief Results Officer	Mr. Hugo Gavilán
Administrative Secretary	Mr. Ricardo Caballero
Public Relations' Officer	Mr. Maximiliano Montarcé
General Coordinator	Mr. David Eli

## 2.8 HQ location and contact details

Portal del Lago Hotel  
 Jerónimo Luis de Cabrera and Gobernador Álvarez  
 5152 Villa Carlos Paz  
 Córdoba, Argentina.  
 Tel: + 54 351 4872010 / 4872727  
 Fax: + 54 351 4877653  
 Email: [info@rallyargentina.com](mailto:info@rallyargentina.com)

## 2.9 Official Notice Board location

The Official Notice Board will be located at Rally HQ, at the exit of the Rally Secretariat.  
 Copies of documents will also be published on-line at [www.rallyargentina.com](http://www.rallyargentina.com)







### 3. PROGRAMME

#### 3.1 Before the Rally week

Date	Activity	Location
Friday, February 19, 2016	Entries open upon publication of the Supplementary Regulations	
Wednesday, February 24	Opening of Media Accreditation Application	
Tuesday, March 8	Final date to order FIA Fuel	Panta Distribuzione
Tuesday, March 22	Entries close (including co-drivers data) Road Books, Rally Guide 2 and Maps issued and available	
Wednesday, March 23	Closing date for National Accreditation Application	
Wednesday, March 30	Closing date for International Accreditation Application	
Tuesday, April 5	Media Safety Book issued	
Monday, April 11	Rally Secretariat moves to HQ	Portal del Lago
From Saturday, April 16 to Wednesday, April 20 Between 10:00 – 18:00	Administrative Checks Reconnaissance Registration Collection of material and documents	Convention's Center
Saturday, April 16	Opening of service Park	Villa Carlos Paz

#### 3.2 During the rally week

##### Monday, April 18

	Official Notice Board Available	HQ
18:00-20:00	Distribution of tracking systems for reconnaissance (FIA Priority and Nominated drivers)	HQ

##### Tuesday, April 19

08:00 - 18:00	Recce starts	See recce schedule
14:00	Media Accreditation starts	MC
16:00 - 18:00	Distribution of FIA safety emergency console	Sports' Hall





### **Wednesday, April 20**

08:00–18:00	Recce continues (except for SSS1)	See recce schedule
	Administrative checks finish	
08:00	Media Center opens	MC
13:00–16:00	Part's sealing & certification for Manuf and WRC Team cars	SP
15:00–16:00	Checking of weight for Manufacturer and WRC Team cars	SP
16:00	Team Managers' Meeting (WRC registered teams)	HQ
17:00–22:00	Scrutineering and component sealing and marking for P2, P3 and Non Priority drivers	Cordoba
18:00–20:00	Collection of tracking systems for reconnaissance	HQ
18:00	Doctors' Briefing	HQ
19:00	Helicopter Pilot Briefing	HQ

### **Thursday, April 21**

08:00–09:30	Shakedown (P1 drivers)	VCP-Cabalango
09:30–11:30	Shakedown (P1, P2 & P3 drivers)	VCP-Cabalango
11:30–13:30	Shakedown (Non P)	VCP-Cabalango
12:30	Meet the crew	SP
13:30	FIA pre event press conference	MC
14:00	Publication of the list of crews eligible to take the start	HQ
	Publication of start list for Day 1 (Section 1 and 3)	
16:30	TC0 - Regrouping OUT	Villa Carlos Paz
17:30–18:30	SSS1 Recce (on rally cars)	Córdoba City
19:08	SSS1 – Córdoba City	Córdoba City

### **Friday, April 22**

21:30	Publication of start list for Section 7	HQ
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### **Saturday, April 23**

21:30	Publication of start list for Section 9	HQ
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### **Sunday, April 24**

14:40	Prize giving	VCP
15:00	Final checks	VCP
15:30	Post-event FIA Press Conference	MC
16:00	Publication of Final Provisional Results	HQ

### **Monday, April 25**

12:00	Media Center closes	MC
12:00	Rally Secretariat closes	HQ





### 3.3 Locations

<b>HQ (Headquarters)</b>	Hotel Portal del Lago; Jerónimo Luis de Cabrera and Gobernador Álvarez, 5152 Villa Carlos Paz, Córdoba, Argentina.
<b>SP (Service Park)</b>	Avenida Presidente Arturo U. Illia (ex Av. Atlántica) and Gobernador Álvarez (between Gob. Peña and Gob.Ferreira), Villa Carlos Paz, Córdoba, Argentina.
<b>MC (Media Center)</b>	Auditórium of Portal del Lago Hotel, Jerónimo Luis de Cabrera and Gobernador Álvarez, 5152 Villa Carlos Paz, Córdoba, Argentina.
<b>Pre Event Scrut</b>	Cordoba
<b>Conventions' Center Sports'Hall</b>	Avenida Arturo U. Illia y Gobernador Álvarez, Villa Carlos Paz, Córdoba, Argentina
<b>Prize Giving</b>	Av. Pte. U. Illia between Medrano and Nahuel Huapi, Villa Carlos Paz
<b>Final Scrutineering</b>	Honda Rosso – Av. San Martin 1687, Villa Carlos Paz
<b>SSS1</b>	Córdoba city

## 4. ENTRIES

### 4.1 Closing date for entries

Entries close on Tuesday, March 22 at 18:00hrs.

### 4.2 Entry procedure

Anybody wishing to take part in Rally Argentina 2016 must send the duly completed entry form (Including co-driver details) to Rally Argentina Secretariat (address details in Art. 2.3) before the above mentioned closing date.

Manufacturers and WRC Teams, and drivers registered in WRC 2 and WRC 3 Championships who wish to score Championship points must make their entries by using the standard entry forms for their championships, which may be obtained from the FIA.

The entry application will only be accepted if accompanied by the total entry fees or by a receipt issued by the competitor's National Sporting Authority.

### 4.3 Number of competitors accepted and classes

The maximum number of competitors accepted in Rally Argentina 2016 is 90.

If more than 90 entries are received the organiser reserves the right to decide which entries among the non-priority drivers will be accepted.





National/Regional cars will be permitted to take the start in Rally Argentina following the requirements established on 2016 FIA WRC Sporting Regulations, Art. 4.4.

The classes will be divided according to 2016 FIA WRC Sporting Regulations, Art. 4.5:

CLASSES	GROUPS
<b>RC1</b>	World Rally Cars: 1.6 T engine
<b>RC2</b>	S2000-Rally: 1.6T engine with a 28mm restrictor
	S2000-Rally: 2.0 Atmospheric
	Group R5 (VR5)
	Group R4 (VR4)
	Group NR4 over 2000cc (current N4)
<b>RGT</b>	RGT cars
<b>RC3</b>	Group A over 1600cc and up to 2000cc
	Super 1600
	R2 (atmo over 1600cc and up to 2000cc – VR2C and turbo over 1067cc and up to 1333cc – VR2C)
	R3 (atmo / over 1600cc and up to 2000cc – VR3C and turbo over 1067cc and up to 1333cc – VR3C)
	R3(turbo / up to 1620cc / nominal – VR3T)
	R3(diesel / up to 2000cc / nominal – VR3D)
<b>RC4</b>	Group A up to 1600cc
	R2 (atmo over 1390cc and up to 1600cc – VR2B and turbo over 927cc and up to 1067cc – VR2B)
	Kit-car up to 1600cc
	Group N over 1600cc and up to 2000cc
<b>RC5</b>	Group N up to 1600cc
	R1 (atmo up to 1600cc - VR1A/VR1B and turbo up to 1067cc - VR1A/VR1B)

Classes and Groups allowed for Regional/National cars:

Classes	Groups
<b>RC2</b>	Maxi rally cars
<b>RC2N</b>	Mitsubishis y subarus former FIA N4
<b>RC3</b>	Juniors
<b>RC5</b>	Former group N2, production cars up to 1600cc

A minimum of five starters per class is required: should this number not be attained, the competitors in the class concerned will be entered in the next class up.







#### 4.4 Entry fees and packages

##### 4.4.1 Manufacturer Teams, WRC Teams, Additional car(s) serviced in the Manufacturer area by a Manufacturer or WRC Team, WRC 2 and WRC 3

As per 2016 FIA WRC Sporting Regulations, Appendix VI.

##### 4.4.2 Other Competitors

###### 4.4.2.1 Entry fees

With the optional advertising proposed by the organisers (to be published in a bulletin):

Argentinean Competitors	\$ 7,200 (Argentine pesos)
Competitors from the American Continent	€ 2,500
Others	€ 3,000

Without this advertising

Argentinean Competitors	\$ 14,400
Competitors from the American Continent	€ 4,500
Others	€ 5,000

As in Art. 4.2, all competitors are reminded that entry applications will be accepted only when accompanied by the total entry fees or by a receipt issued by the competitor's National Sporting Authority.

###### 4.4.2.2 Administrative package for Private Entrants

	Privateers
<b>Service Park Area</b>	
. Privateers area	10x10m
<b>Vehicle Plates</b>	
. VIP (or guest) plates	1
. Service Plates	
. Auxiliary plates	1
<b>Documents</b>	1
. Regulations	
. Rally Guide 1 & 2	website
. Road book sets	website
. Route maps	2
. Programme	3
. Results	3
<b>Passes</b>	website
. Mechanics	4





#### 4.5 Payment Details

Non Argentine competitors are required to make payment of entry fees by direct bank transfer to:

##### **TRANSFER INSTRUCTIONS (EUR):**

Beneficiary Bank: UBS AG, Zurich, SZ  
Beneficiary SWIFT/BIC: UBSBCHZZXXX  
Beneficiary Name: UBS Financial Services Inc.  
Beneficiary Account: 0315-58828.20X  
Beneficiary IBAN: CH680031531505882820X  
Reference\*: Automovil Club Argentino - Account Number: R2-62709

##### **TRANSFER INSTRUCTIONS US\$:**

Beneficiary Bank: UBS AG  
Address: 677 Washington Blvd. Stamford, CT, U.S.A.  
Beneficiary Name: UBS Financial Services Inc.  
Beneficiary Account: # 101-WA-258641-000  
ABA: # 026007993  
Reference\*: Automovil Club Argentino - Account Number: R2-62709

\* **Important!** The details mentioned as "Reference" **must be included on the bank transfer form** in the area for reference/comments. Otherwise, the transfer will be rejected.

*Note: Bank transfer charges are to be borne by the issuing party.  
Please take into account that Banks currently request the sender of the money to include the complete address of the participant on the bank transfer request document.*

**Argentine Competitors** are required to make payment of entry fees and other entry-related fees at any of the Automóvil Club Argentino Offices. The entry will only be considered when receipt of this payment is submitted to the Rally Secretariat.

#### 4.6 Refunds

The organisers may refund up to 50% of the entry fee to those competitors who, for reasons of "force majeure" (duly certified by their ASN), were unable to start the rally.

Entry Fees will be refunded in full:

- To candidates whose entry has not been accepted.
- In the case of the rally not taking place.





## 5. INSURANCE

### 5.1 Description of insurance cover

Entry fees include the insurance premium which covers the following from 21 to 24 April, 2016:

1. Fire: Whilst parked in the official parcs ferme, the participating cars and their accessories will be covered against fire, explosion, malevolence, vandalism and terrorist acts, according to the vehicle and following an amount scale to be determined.
  2. Damages: Whilst in the service, refuelling, regrouping and scrutineering areas the participating cars will be covered by the organiser insurance.
  3. Civil liability: For third party bodily injuries, death and damages and/or third party property damages caused during the running of the Special and Super Special Stages, up to an amount of USD 600,000 per incident and with a total maximum limit for all incidents of € 10 million.
  4. The Organising Committee declines any liability concerning the consequences caused by the violation of laws, rules or ordinances committed by competitors, remaining those consequences under the sole responsibility of those who committed the action.
  5. The service vehicles, even those bearing special plates with the identification of ASSISTANCE issued by the organiser, may never be considered as official participants in the rally. They are therefore not covered by the insurance policy of the rally and remain the sole responsibility of their owner.
- The same is valid for the cars used by competitors during reconnaissance, even bearing a serial number or an event specific sticker.

## 6. ADVERTISING AND IDENTIFICATION

### 6.1 Rally Plates and competition numbers

See Appendix 4 to these regulations.

### 6.2 Organisers' advertising

The organisers' advertising will be described in a Bulletin.

Competition numbers, rally plates and advertising must be fixed to the car before scrutineering.





## 7. TYRES

### 7.1 Tyres specified for use during the rally

In addition to complying with Articles 60, 61 & 62 and Appendix V of the 2016 WRC Sporting Regulations, the following types of tyres are confirmed for use.

#### FIA Nominated tyre Manufacturers

MICHELIN		
	List 1 (Article 60.3.1 / 2016 WRC Regulations)	List 2 (Article 60.2.1 / 2016 WRC Regulations)
1 <sup>st</sup> Choice	Gravel Soft= LTX Force S81	Gravel Soft= 17/65 15 Latitude Cross S4L (Left) 17/65 15 Latitude Cross S4R (Right)
Alternative choice	Gravel Hard= LTX Force H81	Gravel Hard= 17/65 15 Latitude Cross H4L (Left) 17/65 15 Latitude Cross H4R (Right)

D-Mack		
	List 1 (Article 60.3.1 / 2016 WRC Regulations)	List 2 (Article 60.2.1 / 2016 WRC Regulations)
1 <sup>st</sup> Choice	Gravel Soft = 215/65-R15 DMG+2 S6A	Gravel Soft = 215/65-R15 DMG+2 S6A
Alternative choice	Gravel Hard = 215/65-R15 DMG+2 S3A	Gravel Hard = 215/65-R15 DMG+2 S3A

Pirelli		
	List 1 (Article 60.3.1 / 2016 WRC Regulations)	List 2 (Article 60.2.1 / 2016 WRC Regulations)
1 <sup>st</sup> Choice	Gravel Soft: 205/65-15 KSB Reinforced Left 205/65-15 KSB Reinforced Right	Gravel Soft: 205/65-15 KSB Reinforced Left 205/65-15 KSB Reinforced Right
Alternative choice	Gravel Hard: 205/65-15 KHB Reinforced Left 205/65-15 KHB Reinforced Right	Gravel Hard: 205/65-15 KHB Reinforced Left 205/65-15 KHB Reinforced Right

Hankook		
	List 1 (Article 60.3.1 / 2016 WRC Regulations)	List 2 (Article 60.2.1 / 2016 WRC Regulations)
1 <sup>st</sup> Choice	Gravel Hard = 180/650-15 H1 Ventus R213	N/A
Alternative choice	Gravel Soft = 180/650-15 S1 Ventus R213	N/A







## 7.2 Quantities

The maximum total quantity of new tyres for all drivers for the rally is:

Type of cars	Total for the entire event
All World Rally Cars	24
All other cars	22

## 7.3 Tyre marking locations

All tyres used throughout the duration of the event, including the shakedown, will be marked at the exit of the Service Park.

# 8. FUEL

## 8.1 Priority drivers

All priority drivers as per 2016 WRC Sporting Regulations Art. 59.1.1 must use FIA fuel as provided by the FIA-appointed supplier.

The price on this fuel is €5 + VAT per liter.

### 8.1.1 FIA fuel order procedure

No later than 6 weeks prior to the event, competitors must notify their fuel requirements to the sole supplier:

Panta Distribuzione S.p.A

[monico.luca@panta.it](mailto:monico.luca@panta.it)

Tel. 0039 0373 235141

[saine.baak@panta.it](mailto:saine.baak@panta.it)

Tel. 0039 0373 235142

[cristofanilli.giovanni@panta.it](mailto:cristofanilli.giovanni@panta.it)

Order form available at [www.rallyargentina.com](http://www.rallyargentina.com)

### 8.1.2 Closing date for ordering FIA fuel

The closing date for ordering FIA fuel is Tuesday March 8, 2016.

## 8.2 Non priority drivers

Non priority drivers not using FIA fuel, must use fuel provided by the organizers.

### 8.2.1 Non FIA fuel order procedure

Non FIA fuel may be requested and pay for at administrative checks.

### 8.2.2 Dispensing

In no case may drivers use their own refuel systems. For environmental and safety reasons, dispensing of fuel must be carried out in the designated areas indicated in the Road Book and only by the organizer.





### 8.3 Fuel Couplings

According to 2016 FIA WRC Sporting Regulations Art. 59.3.2. all competitors are required to fit FIA-specified refuel couplings, except non priority drivers using a car which retains the standard tank.

As per 2016 FIA WRC Sporting Regulations Art. 59.3.7 Cars equipped solely with FIA-specified refuel couplings and using fuel as per WRC Art. 59.1.2 must transport the adaptor in the car and show it at pre-rally scrutineering.

## 9. RECONNAISSANCE

### 9.1 Registration procedure

Prior to commencement of reconnaissance all competitors should register in order to obtain reconnaissance passes. Competitors will not be allowed to access a special stage for reconnaissance unless these vehicle passes are displayed.

**Registration Location:** Convention's Center – Arturo U. Illia Avenue at the corner with Gobernador Roca street, Villa Carlos Paz.

**Times:** From Saturday April 16 to Wednesday April 20, from 10:00 to 18:00hrs.

**Recce only:** If a driver wishes to take part in the reconnaissance only, as preparation for future participations in the event, they must contact Rally Argentina Secretariat for registration.

*Entry fee for Reconnaissance only is € 1,500.-*

### 9.2 Installation of speed control checking devices

In accordance with Art. 25.4.4 of the 2016 FIA WRC Sporting regulations, at least all cars of FIA priority drivers must carry GPS recorders on board during reconnaissance. The use of such recorders may involve a fee. The name of the possible additional drivers required to carry recce GPS recorders will be published by Bulletin.

#### Collection of Recce GPS recorders:

Date and Time: Monday, April 18 – 18:00 to 20:00hrs

Location: Rally HQ

### 9.3 Restrictions

Provision is made for a maximum of two passages through each special stage during reconnaissance for all crews entered.

Throughout reconnaissance, the speed limit will be of 90 Km/h in the special stages, unless the traffic signs, the road book or bulletins indicate a lower speed limit.

Competitors must drive in a manner that does not endanger or inconvenience other traffic or people living near the stages. All competitors must note that there will be strict police controls to prevent speeding or other road infringements.

Under no circumstances may crews drive in the opposite direction of the rally in the special stage.





## 9.4 Special Procedures for SSSs

### 9.4.1 SSS1

Super Special Stage 1 will be recce'd in Rally Cars on Thursday April 21 between TC 0 and TC0A from 17:30 to 18:30hrs.

The recce of SSS1 will be carried out without tracker system for recce.

The speed limit on this stage during recce is 40km/h. Any unsafe behaviour will be reported to the Stewards.

### 9.4.2 SSS5/9

Since SSS 5/9 (Super Special Stage Parque Temático Carlos Paz) is a Super Special Stage, cars will be authorized to drive 2 complete laps over the circuit starting from lane A (Thus completing a total of 6.04kms). There will not be a separate run for starting from lane B.

## 10. ADMINISTRATIVE CHECKS

### 10.1 Documents to be presented

The following will be checked at the administrative checks:

- Competitor's license
- Valid driver and co-driver competition licenses, driving licenses and passports or identification
- ASN authorization, for all "non Argentine" competitors
- Completion of all details on the entry form
- Car insurance cover certificate
- Car insurance registration papers

### 10.2 Timetable

**Location:** Convention's Center – Arturo U. Illia Avenue at the corner with Gobernador Roca street, Villa Carlos Paz. (in front of Rally HQ)

**Times:** From Saturday April 16 to Wednesday April 20, from 10:00 to 18:00hrs.

*NB: Manufacturers and WRC teams may make their administrative checks at Rally HQ by appointment.*

## 11. SCRUTINEERING, SEALING AND MARKING

### 11.1 Venue and timetable

#### 11.1.1 Manufacturer and WRC Team cars

Location: Service Park –Villa Carlos Paz.

Date: Wednesday, April 20

Time: 13:00 to 16:00hrs.

**Checking of the weight for Manufacturers & WRC Team: 15h00 to 16h00 / Service park.**





### **11.1.2 Priority 1 (not entered by a Manufacturer or WRC Team) Priority 2, Priority 3 and Non Priority Drivers**

Location: Córdoba.

Date: Wednesday, April 20

Time: 17:00 - 22:00hrs

### **11.2 Transversal mud flaps**

With reference to Appendix J, Art 252, Art 7.7, the use of transversal mud flaps is mandatory.

### **11.3 Tinted windows**

The use of silvered or tinted films is authorised. Silvered or tinted films fitted on front side windows and rear side windows must have:

- an opening equivalent to a circle of 70mm diameter in order to allow the occupants / content of the car to be seen.
- an additional opening of 10x12 cm on the rear side windows in front of each timing transponder.

### **11.4 Drivers' safety equipment**

Competitors are reminded that all drivers and co-drivers entered in the event must wear:

- crash helmets which meet one of the standards listed in FIA Technical List N° 25
  - P1 drivers must wear helmets homologated to the FIA Standard 8860 – Advanced Helmet Test Specification (Technical List N°33) – Strongly recommended for all drivers.
- Flame resistant clothing: overalls as well as gloves (optional for co-drivers), long underwear, a balaclava, socks and shoes homologated to the FIA 8856-2000 standard (Technical List N° 27).
- A FIA-approved Frontal Head Restraint system
- Drivers must be properly restrained in their seat by safety belts in conformity with the specifications of Appendix J for the vehicle concerned, at all times during the event when it is mobile.

This equipment will be checked at scrutineering, and during the event.

Please refer to FIA ISC Appendix L Chapter III for complete information.

### **11.5 Noise Level**

Competitors are reminded that, according to FIA Appendix J Art 252 N° 3.6, the maximum noise level permitted is 103 dB(A).

### **11.6 Preparation of engines for engine block sealing**

One hole drilled on the engine block to fit a wire, a plate and a seal, at a visible position to be seen when opening the bonnet (except for P1 drivers entered by a Manufacturer or WRC Team).







### 11.7 FIA Safety Emergency Console

The distribution of FIA Safety Emergency Console will take place on Tuesday, April 19 from 16:00 to 18:00hrs at SIT warehouse in the Sports Hall in Villa Carlos Paz.

Competitors will be requested to leave a deposit of € 1200 by means of a credit card slip (only credit cards can be accepted - No checks, cash or other means of payment).

These units must be installed before the cars are presented for scrutineering. All competitors must make provisions in their rally cars for the installation of this System and its emergency button, according to the instructions given on Appendix V below. The functioning of the equipment will be checked at scrutineering.

Units must be removed by competitors at final service and immediately returned at the Sports Hall in Villa Carlos Paz.

## 12. OTHER PROCEDURES

### 12.1 Start procedure and order

There will be no ceremonial start. The rally will start at TC0 Regrouping Out Villa Carlos Paz. The start order for section 1 and 3 will be published on Thursday April 21 at 14:00hrs.

### 12.2 Finish procedure

#### 12.2.1 Finish Ramp Location:

Avenida Presidente Arturo U. Illia, between Medrano and Nahuel Huapi streets. (near the Service Park)

#### 12.2.2 Procedure

The finish of the rally will be at TC18D, located in Villa Carlos Paz on Sunday April 24.

After Service H, crews will enter a holding area, TC18D, where they must follow the instructions of the marshals who will reorder them for the finish ceremony.

Access to the holding area between TC18D and the podium will be limited to officials and to media representatives holding the appropriate pass.

The proceedings will be in accordance with FIA WRC Sporting Regulations Appendix IV.

After the podium finish, competitors must take their cars to either Parc Fermé or to Final Scrutineering in convoy, as instructed. The car may be driven by a team representative.

A Parc Fermé pass will be issued to all cars when they enter it. Once results are made final the Stewards will authorize the opening of Parc Fermé. The car may then be removed by the driver or a team representative who must produce the Parc Fermé pass.

### 12.3 Permitted early check-in

Crews are authorized to check in early without incurring a penalty at TC0A, TC1A, TC9C, TC15C, and TC18D.

### 12.4 Super special stages procedure and running order

#### 12.4.1 SSS1 & SSS5/9

a. SSS1 as well as SSS5/9 will consist of two laps around the same circuit.





For SSS5/9 the start and finish point are coincident, while the Stop Control is located at the stage entrance and exit gate.

b. Two cars will start the SSS simultaneously.

c. The Organizers will produce a special starting order on grounds of TV and spectators interest.

d. Given that the circuit is made of one continuous road, cars checking in first will start on position A, while the others will start on position B.

e. If a crew cannot finish the SSS, the car will be removed by the organizer and placed at the Stop Control.

f. Yellow flags

If the running of this SSS is interrupted, a yellow flag will be displayed to the crews, who must immediately reduce speed and follow marshal's instructions.

g. Interruption

Any car affected and not the cause of an incident will receive a time as in WRC Sporting Regulations Art. 39.

## 12.5 Power Stage

With reference to Art 13.3 in the FIA WRC Sporting Regulations, SS18 "El Condor" will be run as the Power Stage.

SS18 will be timed to elapsed milliseconds for the sole purpose of deciding the Power Stage results in the event of a tie. Only the elapsed tenths of a second will count towards the result of the event.

**12.5.1** For the purposed of Live TV there may be interviews at the STOP control of the stage. The Organisers, in conjunction with WRC Promoter, may stop any car and its crew on the road section immediately after the STOP control of the stage, so that they can take part in media-related activities. These crews will be directed by Officials at the STOP control of the stage. If necessary, a new start time for the road section to TC 18A will be given by an Official at this location.

## 12.6 Environmental procedures

In order to protect the environment Organizers have implemented special procedures for the correct treatment of the different types of waste. Team members must place:

- Regular waste (current domiciliary litter: food, paper, bottles, etc.)

To be placed in green plastic bags to be provided by organizers

- Contaminated/dangerous waste

- o **Solid** (cloths or covers dirty with oil, parts such as brake pads, nuts, screws, etc.)

To be placed in black plastic bags to be provided by organizers

- o **Liquid** (oils, fuel, brake liquid, etc.)

To be placed in identified jerry cans to be provided by organizers.

These will be collected and treated by a specialized company.

All garbage will be collected from the Service Park at the end of each day.





**- Wash of parts**

- There will be a dedicated area within the Service Park to wash parts. Washing of parts in other locations is not permitted.

There will be a penalty of U\$S 500 for any infringement to the above mentioned procedures.

**12.7 Official time used during the rally**

The official time will be that one informed by Telecom Company dialing 113 from any Argentine phone or mobile phone.

**12.8 Re-start after retirement – Rally 2**

In reference to 2016 FIA WRC Sporting Regulations Art. 46, a crew which has failed to complete a section will be assumed to re-start the rally from the start of the next section following the overnight regroup unless they confirm otherwise with the Clerk of the Course by completing of the form located in the rear of the road book and lodging it with the organizer as soon as possible before the publication of the re-start list.

There will be no dedicated Parc Fermé for retired restarting cars. These will use the same Parc Fermé as for the rest of the event.

**12.9 Change of on-board camera data**

With reference to Art. 31.8 in the FIA WRC Sporting Regulations 2016, the change of on-board camera data is allowed in the media zone, regroupes and parc fermés and at the exit of remote refuel zones during the rally when in the presence of a member of the team.

Additional OBC data exchange points may be communicated by the Clerk of the Course.

**12.10 Regroups TC4A-TC4B, TC8A – TC8B and TC17A-TC17B**

Team personnel will not be permitted to enter the regroupes between TC4A – TC4B, TC8A – TC8B and TC17A – TC17B where FIA WRC Art.42.5.2 (change of windows) will therefore not apply.

**12.11 Light fitting zone**

A light fitting zone run in accordance with FIA WRC Sporting Regulations Art.52.2 will be established prior to SS9 at the area defined in the Road Book.

**13. Identification of officials**

The post chiefs will be identified as follows:

Safety Officer	Orange tabard with white stripes and text
Post Chief	Blue tabard with white stripe and text
Time Control Officer	Blue tabard
Doctor	White tabard
Safety Marshals	Orange tabard
Scrutineer	Black tabard
CRO	Red tabard
Media	Green Tabard
Radio	Yellow tabard with blue mark





**14. PRIZES**

**14.1 List of cups**

Prizes (1 trophy per crew member) will be awarded according to the following list:

<b>Overall Classification</b>	1 <sup>st</sup> to 5 <sup>th</sup> overall
<b>Manufacturer</b>	Winning manufacturer
<b>WRC 2 Competitors</b>	1 <sup>st</sup> to 3 <sup>rd</sup>
<b>WRC 3 Competitors</b>	1 <sup>st</sup> to 3 <sup>rd</sup>
<b>Classifications per class</b>	1 <sup>st</sup> to 3 <sup>rd</sup> *

\* If not included in the first 5 positions of the overall classification. Winning crews will receive only 1 trophy. (i.e.: If a crew is classified among the first 5 positions of the overall classification, and also among the first 3 positions of the classification of their class, they will only receive the trophy concerned to the overall classification.)

**15. FINAL CHECKS**

**15.1. Final Checks**

The final scrutineering will take place in Honda Rosso workshop – Av. San Martin 1687, Villa Carlos Paz.

Cars subject to final scrutineering (at Stewards’ discretion) must have one representative of the entrant as well as mechanics (in case of dismantling) present at the final check.

**15.2 Protest fees**

International Protest fee: € 1,000.-

For a protest involving a clearly defined part of the car (engine, transmission, steering, braking system, electrical installation, bodywork, etc.) The claimant must pay an additional deposit of: € 600.-

For a protest involving the whole car, the claimant must pay an additional deposit of: € 1.000.-

**15.3 Appeal deposit**

International appeal deposit (FIA): € 6,000.-







## APPENDIX I – ITINERARY: Thursday, April 21 & Friday, April 22

START (Section 1/Sección 1)				THURSDAY, APRIL 21, 2015				SEC. 1			
TC - SS	LOCATION	SS Dist.	Liaison Dist.	Total Dist.	Target Time	First car due					
CH - PE	LUGAR	Dist. PE	Dist. Enlace	Dist. Total	T. Otorg.	Paso 1º auto					
0	VILLA CARLOS PAZ - Regrouping OUT					16:30	SECTION 2				
BZ 1	REFUEL ALL COMPETITORS										
	Km to next refuel - Km hasta siguiente reabastecimiento	(3,00)	(67,60)	(70,60)							
0A	CORDOBA - Regrouping IN (Early check in is allowed)		33,40	33,40	1:30	18:00					
Overnight Regrouping											
Thursday Totals		3,00	67,30	70,30							
RE START (Section 2/Sección 2)				THURSDAY, APRIL 21, 2015				SECTION 3			
0B	CORDOBA - Regrouping OUT					19:00					
1			0,30	0,30	0:05	19:05					
SSS 1	Super Especial CORDOBA	3,00				19:08					
1A	VILLA CARLOS PAZ - Parc Fermé IN (Early check in is allowed)		33,90	36,90	0:50	19:58					
Overnight Regrouping							SECTION 4	SECTION 3			
Friday, April 22, 2016											
1B	Parc Fermé OUT / Service IN	-	-	-	-	6:15					
SERVICE 1	- CARLOS PAZ	(0,00)	(0,00)	(0,00)	0:15						
1C	Service OUT	-	-	-	-	6:30					
BZ 2	REFUEL ALL COMPETITORS						SECTION 5	SECTION 4			
	Km to next refuel - Km hasta siguiente reabastecimiento	(23,50)	(95,45)	(118,95)							
2			91,50	91,50	1:45	8:15					
SS 2	SOCONCHO / VILLA DEL DIQUE (I)	23,50				8:18					
BZ 3	REMOTE REFUEL ALL COMPETITORS										
	Km to next refuel - Km hasta siguiente reabastecimiento	(47,73)	(118,13)	(165,86)			SECTION 6	SECTION 5			
3			19,56	43,06	0:48	9:06					
SS 3	AMBOY / SANTA MONICA (I)	20,33				9:09					
4			11,40	31,73	0:40	9:49					
SS 4	SANTA ROSA / SAN AGUSTIN (I)	21,36				9:52					
4A	Regrouping IN		93,90	115,26	2:00	11:52	SECTION 7	SECTION 6			
Friday, April 22, 2016											
4B	Regrouping OUT	-	-	-	Max. 0:12	12:04					
SSS 5	Super Especial PARQUE TEMATICO (I) (2 LAPS)	6,04				12:07					
5A	Regrouping IN	-	4,42	10,46	0:25	12:32					
RE START (Section 5/Sección 5)				FRIDAY, APRIL 22, 2016				SECTION 8			
5B	Regrouping OUT / Service IN	-	-	-	Max. 0:15	12:47					
SERVICE 2	- CARLOS PAZ	(71,23)	(220,78)	(292,01)	0:30						
5C	Service OUT	-	-	-	-	13:17					
BZ 4	REFUEL ALL COMPETITORS						SECTION 9	SECTION 7			
	Km to next refuel - Km hasta siguiente reabastecimiento	(23,50)	(95,45)	(118,95)							
6			91,50	91,50	1:45	15:02					
SS 6	SOCONCHO / VILLA DEL DIQUE (II)	23,50				15:05					
BZ 5	REMOTE REFUEL ALL COMPETITORS										
	Km to next refuel - Km hasta siguiente reabastecimiento	(47,73)	(118,13)	(165,86)			SECTION 10	SECTION 8			
7			19,56	43,06	0:48	15:53					
SS 7	AMBOY / SANTA MONICA (II)	20,33				15:56					
8			11,40	31,73	0:40	16:36					
SS 8	SANTA ROSA / SAN AGUSTIN (II)	21,36				16:39					
LFZ (1,45 km before TC 8A)							SECTION 11	SECTION 9			
8A	Regrouping IN		93,90	115,26	2:15	18:54					
Friday, April 22, 2016											
8B	Regrouping OUT	-	-	-	Max. 0:12	19:06					
SSS 9	Super Especial PARQUE TEMATICO (II) (2 LAPS)	6,04				19:09					
9A	Technical Zone IN		4,42	10,46	0:25	19:34	SECTION 12	SECTION 10			
9B	Technical Zone OUT / Service IN	-	-	-	0:10	19:44					
FLEXI SERVICE 3	- CARLOS PAZ	(71,23)	(220,78)	(292,01)	0:45						
9C	Service OUT / Parc Fermé IN / For all classified cars (except re-starting crews) (Early check in is allowed)					22:30					
Friday Totals		142,46	441,56	584,02							

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## APPENDIX I ITINERARY: Saturday, April 23

RE START (Section 7/Sección 7)				SATURDAY, APRIL 23, 2016		
TC - SS CH - PE	L O C A T I O N L U G A R	SS Dist. Dist. PE	Liaison Dist. Dist. Enlace	Total Dist Dist. Total	Target Time T. Otorg.	First car due Paso 1º auto
9D	Parc Ferme <b>OUT</b> / Service <b>IN</b>	-	-	-	-	6:15
	<b>SERVICE P - CARLOS PAZ</b>	(0,00)	(0,00)	(0,00)	0:15	
9E	Service <b>OUT</b>	-	-	-	-	6:30
<b>RZ 6</b>	<b>REFUEL ALL COMPETITORS</b>					
	Km to next refuel - Km hasta siguiente reabastecimiento	(32,70)	(105,50)	(138,20)		
10			104,00	104,00	2:00	8:30
<b>SS 10</b>	<b>EL REPOSO - VILLA ALBERTINA (I)</b>	<b>32,70</b>				<b>8:33</b>
<b>RZ 7</b>	<b>REMOTE REFUEL ALL COMPETITORS</b>					
	Km to next refuel - Km hasta siguiente reabastecimiento	(39,50)	(100,20)	(139,70)		
11			2,40	35,10	0:48	9:21
<b>SS 11</b>	<b>VILLA ALBERTINA - ISCHILIN (I)</b>	<b>15,00</b>				<b>9:24</b>
12			2,60	17,60	0:22	9:46
<b>SS 12</b>	<b>ISCHILIN - ONGAMIRA (I)</b>	<b>24,50</b>				<b>9:49</b>
12A	Regrouping <b>IN</b>	-	96,70	121,20	2:15	12:04
RE START (Section 8/Sección 8)				SATURDAY, APRIL 23, 2016		
12B	Regrouping <b>OUT</b> / Service <b>IN</b>	-	-	-	Max. 0:15	12:19
	<b>SERVICE M - CARLOS PAZ</b>	(72,20)	(205,70)	(277,90)	0:30	
12C	Service <b>OUT</b>	-	-	-	-	12:49
<b>RZ 8</b>	<b>REFUEL ALL COMPETITORS</b>					
	Km to next refuel - Km hasta siguiente reabastecimiento	(32,70)	(105,50)	(138,20)		
13			104,00	104,00	2:00	14:49
<b>SS 13</b>	<b>EL REPOSO - VILLA ALBERTINA (II)</b>	<b>32,70</b>				<b>14:52</b>
<b>RZ 9</b>	<b>REMOTE REFUEL ALL COMPETITORS</b>					
	Km to next refuel - Km hasta siguiente reabastecimiento	(39,50)	(100,20)	(139,70)		
14			2,40	35,10	0:48	15:40
<b>SS 14</b>	<b>VILLA ALBERTINA - ISCHILIN (II)</b>	<b>15,00</b>				<b>15:43</b>
15			2,60	17,60	0:22	16:05
<b>SS 15</b>	<b>ISCHILIN - ONGAMIRA (II)</b>	<b>24,50</b>				<b>16:08</b>
15A	Technical Zone <b>IN</b>	-	96,70	121,20	2:15	18:23
15B	Technical Zone <b>OUT</b> / Service <b>IN</b>	-	-	-	0:10	18:33
	<b>FLEXI SERVICE M - CARLOS PAZ</b>	(72,20)	(205,70)	(277,90)	0:45	
15C	Service <b>OUT</b> / Parc Ferme <b>IN</b> / For all classified cars (except re-starting crews) ( <b>Early check in is allowed</b> )					22:30
<b>Saturday Totals</b>		<b>144,40</b>	<b>411,40</b>	<b>555,80</b>		

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## APPENDIX I ITINERARY: Sunday, April 24

RE START (Section 9/Sección 9)

SUNDAY, APRIL 24, 2016

TC - SS CH - PE	LOCATION LUGAR	SS Dist. Dist. PE	Liaison Dist. Dist. Enlace	Total Dist. Dist. Total	Target Time T. Otorg.	First car due Paso 1º auto
15D	Parc Ferme OUT / Service IN	-	-	-		7:10
	SERVICE G - CARLOS PAZ	(0,00)	(0,00)	(0,00)	0:15	
15E	Service OUT	-	-	-	-	7:25
RZ 10	REFUEL ALL COMPETITORS					
	Km to next refuel - Km hasta siguiente reabastecimiento	(16,32)	(172,07)	(188,39)		
16			83,95	83,95	1:40	9:05
SS 16	EL CONDOR - COPINA	16,32				9:08
RZ 11	REMOTE REFUEL ALL COMPETITORS					
	Km to next refuel - Km hasta siguiente reabastecimiento	(38,96)	(59,08)	(98,04)		
17			91,48	107,80	1:40	10:48
SS 17	MINA CLAVERO - GIULIO CESARE	22,64				10:51
17A	Reagrouping and Reordering IN		16,19	38,83	0:45	11:36

RE START (Section 10/Sección 10)

SUNDAY, APRIL 24, 2016

17B	Regrouping OUT		-	-	Max. 0:30	12:06
SS 18	Power Stage EL CONDOR	16,32				12:09
18A	Technical Zone IN		39,15	55,47	1:20	13:29
18B	Technical Zone OUT / Service IN	-	-	-	0:03	13:32
	SERVICE H - CARLOS PAZ	(55,28)	(230,77)	(286,05)	0:10	
18C	Service OUT	-	-	-	-	13:42
18D	Holding Area IN (Early check in is allowed)	-	0,56	0,56	0:10	13:52

Sunday Totals

55,28 231,33 286,61

TOTALS OF THE RALLY				
	SS	LIAISON	TOTAL	%
Thursday Totals	3,00	67,30	70,30	4,27
Friday Totals	142,46	441,56	584,02	24,39
Saturday Totals	144,40	411,40	555,80	25,98
Sunday Totals	55,28	231,33	286,61	19,29
<b>TOTALS 18 SS</b>	<b>345,14</b>	<b>1151,59</b>	<b>1496,73</b>	<b>23,06</b>

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## APPENDIX I ITINERARY: MAP



V.1 - 11/01/2016





## APPENDIX II - RECONNAISSANCE SCHEDULE

**PRIORITY 1 & 2 DRIVERS: Tuesday April 19**

**P3 & NON PRIORITY DRIVERS: Wednesday April 20**

SS 2 & 6 SS 3 & 7 SS 4 & 8	Soconcho – Villa del Dique Amboy – Santa Monica Santa Rosa – San Agustin	8:00 to 13:00hrs	2 PASSAGES
SS 17 SS 16 & 18	Mina Clavero – Giulio Cesare El Condor - Copina	13:00 to 18:00hrs	2 PASSAGES

**PRIORITY 1 & 2 DRIVERS: Wednesday April 20**

**P3 & NON PRIORITY DRIVERS: Tuesday April 19**

SS 10 & 13 SS 11 & 14 SS 12 & 15	El Reposo – Villa Albertina Villa Albertina – Ischilin Ischilin - Ongamira	8:00 to 14:00hrs	2 PASSAGES
Shakedown	Villa Carlos Paz - Cabalango	14:00 to 17:00hrs	2 PASSAGES
SSS 5 & 9	Parque Temático VCP	14:30 to 18:00hrs	2 PASSAGES

**ALL DRIVERS: Thursday April 21**

SSS 1	Córdoba City	17:30 to 18:30hrs	1 PASSAGE
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## APPENDIX III - COMPETITORS' RELATIONS OFFICERS

### Names and Photographs



Mr. Jorge Canaves



Mr. Santiago García Remohí



Mr. Juan Martín Celesia



Mr. Christian Delía

### CRO's Itinerary

Before the start of the event, CROs will be present at:

- Scrutineering and component sealing and marking for P1 (not entered by a Manufacturer or WRC Team), P2, P3 and Non Priority drivers in Córdoba
- Part's sealing and certification for Manufacturer and WRC Team cars in Villa Carlos Paz Service Park
- Shakedown

During the event, they will be present at:

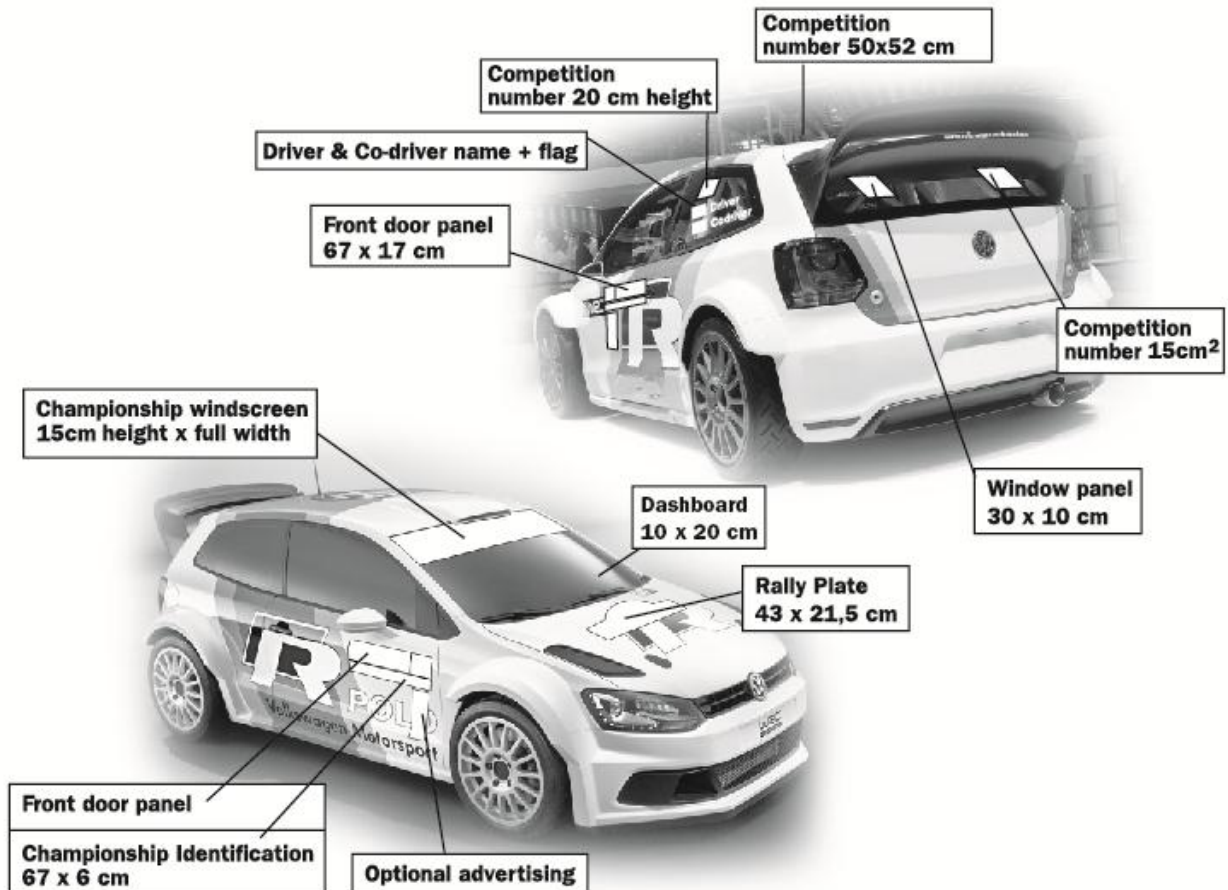
- Super special stage 1
- Service Park Out every morning
- Regrouping In before the midday services
- Parc Fermé In at the end of the day
- Final scrutineering





## APPENDIX IV - COMPETITION NUMBERS AND ADVERTISING

THE OPTIONAL ADVERTISING WILL BE ADVISED IN A BULLETIN





## APPENDIX V – FIA SAFETY EMERGENCY CONSOLE INSTALLATION AND OPERATION INSTRUCTIONS

### 1 SIT Sports Tracking Unit

The SIT Sports Tracking unit must be fitted and connected in all competitors' cars before arrival at scrutineering, where it will be checked by SIT Sports engineers.

The tracking unit must be used together with the tracker base; this allows the quick fitting and removal of the unit. The unit and the base must be firmly mounted to a solid surface to avoid extreme shock or vibration excessive. Please be sure that the base preserves its original shock absorbing link pad, it also helps reduce vibration

**IMPORTANT!** Any problems must be dealt with during the 10' service so the unit has to be easy to reach and remove.



Front view

Back view

#### Unit Dimensions

105mm x 169mm x 60.5mm (WxLxH)

Weight: 0.980 Kg

GSM – Fackra female (red)

GPS 1 – Fackra female (blue)

GPS 2 – SMA female

UHF – PL259 female

(NOTE: All antennas will be supplied with the Tracker)

#### Tracker Base Dimensions

115mm x 176mm x 29mm (WxLxH)

Weight: 0.097 Kg

The tracker box must be strongly attached to the base with two Velcro straps and secured with a full round Ty-rap.

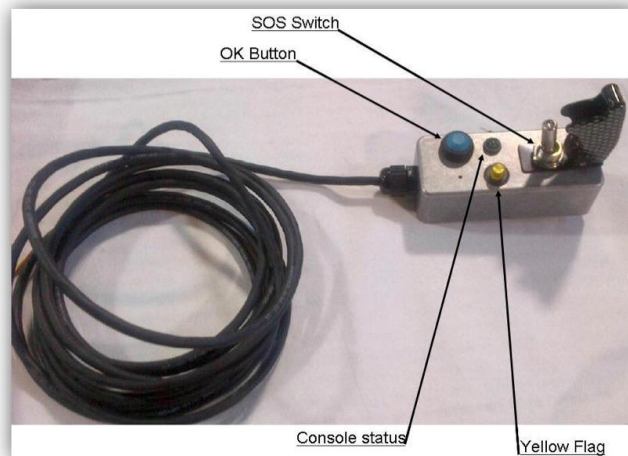




## 2

### FIA Safety Emergency console

The FIA Emergency Console must be easily accessible by both the driver and the co-driver and fitted in a place where the lights, especially the Yellow Flag LED, **can immediately be seen by the crew while driving on stage**. The driver and the co-driver must be able to access the console with the seatbelt fastened.



*Safety Emergency console*

#### Buttons, lights and Interface Description

1. SOS switch: This switch (protected with a cover to avoid accidental use) must be activated in case of emergency in order to raise the alarm.
  - Deactivate the switch to cancel SOS if there is no emergency.
2. Yellow Flag LED: this light will flash if Clerk of the Course activates the Electronic Yellow Flag. There is also a continuous beep when the light is on.
3. Console status (green light)
  - Light flashing slowly (100 ms ON/2sec OFF): console is ON and functioning normally.
  - Light flashing rapidly (300ms ON / 300ms OFF): emergency mode (SOS switch is activated).
  - Light off: console is turned OFF.
4. OK button (yellow flag confirmation)
  - Press the button to confirm to the Clerk of the Course that you have seen the Yellow Flag.
  - **If stopped on stage and there is no emergency, press the button.**



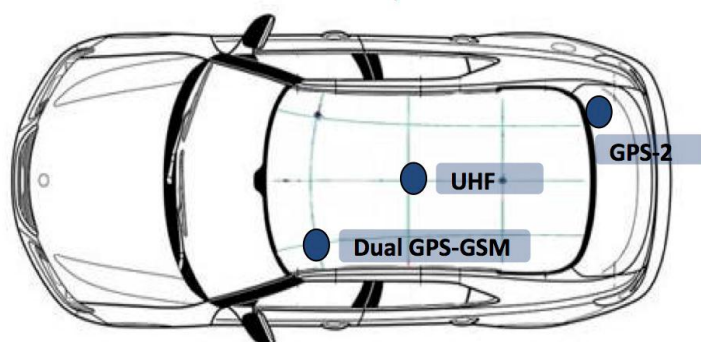


3

## Antennas

The SIT Sports Tracking unit needs three antennas: UHF, dual GPS-GSM and GPS2 Antennas. UHF and dual GPS-GSM antennas must be installed on the roof of the car and the GPS2 antenna inside the car with a clear view to the sky, i.e. attached to the rear window. Please check the following drawing and install the antennas according to the recommended set-up:

Antenna Set-up



**IMPORTANT!** All the antennas should be separated at least 700 mm from any other antenna (live TV patch, live TV UHF antenna, voice radio VHF antennas, etc.).

The antenna cables should be routed away from the vehicle wiring when possible.

**UHF Antenna.** Should be installed centered in the middle of the roof.



A hole should be made to fix the antenna on the roof.

**IMPORTANT!** Carefully match the PL259 antenna connector antenna to the radio and do not use any adaptor or connector.

If there is any excess coax cable do not coil the cable. Coiling coax cable will cause transmit problems and limit radio range.

### Dual GPS-GSM Antenna and GPS-2 Antenna



#### Dual GPS – GSM Antenna

- Cable length: 2500 mm
- Connector: Fakra x 2 (Blue GPS / Red GSM)

#### GPS 2 Antenna

- Cable length: 3000 mm
- Connector: SMA male





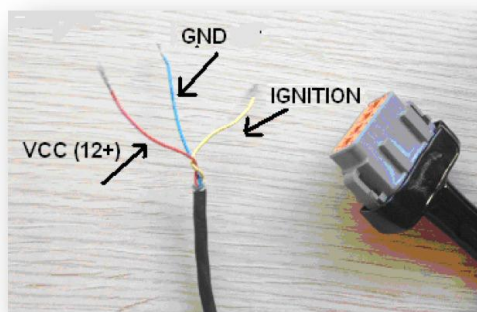


#### 4 Installation

SIT Sports will provide with only one 'Y' power splitter cable, the main end of this cable should be connected to the tracking box and the two other ends to the safety console and power supply (+VCC, Ground and Ignition).

Please ensure direct connection to power (+12VDC) before the circuit breaker with a 5A fuse protection. The ignition line must supply +12VDC too (it can be connect to the same terminal that +VCC).

Do not cut, shorten or bend the cable especially near the connector.



Signal	Cable
VCC (+12V)	Red
GROUND	Blue
IGNITION	Yellow

##### Wiring and power supply

- The red and blue wires should be directly connected to the battery before the master switch.
- The yellow wire must be connected to 12 volts (it can be connect to the same terminal that VCC – red wire - ).

During installation, try to route the DC battery leads, the antenna lead or any accessory wires away from the engine compartment, ignition or alternator wiring.

Higher frequency electrical interference caused by electric motors can be suppressed directly at the motor terminals.

Please **pay special attention to the grounding**. It is important to guarantee a good ground in the UHF antenna. This grounding practice is especially important when there are other sensitive electronic components (e.g. MCUs, analog circuits) as the noise induced in the ground loop by the ground current can be significant if not taken care of properly





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## IMPORTANT REMARKS

In order to reduce the level of RF interference, please observe the following precautions when you install.

- Place the tracking unit as far away from the motor as physically possible.
- Keep the antenna cable separated from the engine compartment and power cables.
- Place all antennas away from the motor.
- Install the UHF antenna as far as possible away from the ECU and sensors of the vehicles electronic system.
- Install the antenna feeder at least 200 mm (7.87in.) away from the ECU and sensors of the vehicles electronic systems.
- Avoid winding the antenna feeder together with the other wiring as much as possible, and also avoid running the antenna feeder parallel with other wire harnesses.
- Check that the UHF antennas is correctly adjusted and recheck the RF ground system, the RF grounding system is highly recommended to be separately from the DC or electrical ground.
- Please inform about any other mobile communications system installed that may be affecting the UHF communication.
- Check the grounding you are using.

Please also remember:

**The SIT Sports tracking unit and base must be fitted and connected before arrival at scrutineering where it will be checked by SIT Sports engineers.**

**If you retire from the rally you must return all tracking equipment to SIT Sports at the Service Park as it was given to you, as soon as possible.**

**Any damage to the system will have to be paid for by the competitor. A complete price list is available from SIT Sports.**

**The SIT Sports Tracking unit, base, transponders and any other loaned equipment must be removed during the final service and returned to SIT Sports within 30 minutes of the closing of the final Time Control.**

