



FIA **2** FIA
 NK DELTA 31.3./2.4.2023.
QUATTRO RIVER RALLY
 International zone Croatian rally championship
 Međunarodno zonsko prvenstvo Hrvatske
 KARLOVAČKI ŽUPANIJSKI ŠPORTSKI VEŠTAČKI IZVJEŠTAJ IZ OBLASTI RS
 4R
 "Kupa"



SUPPLEMENTARY REGULATIONS

31.3./2.4.2023.



2. QUATTRO RIVER RALLY

INTERNATIONAL ZONE CROATIAN RALLY CHAMPIONSHIP
CROATIAN RALLY CHAMPIONSHIP
ZAGREB OPEN CHAMPIONSHIP

Organizer



Co-organizers



KARLOVAC CITY, DUGA RESA CITY, TOURIST OFFICE OF KARLOVAC COUNTY,
TOURIST OFFICE OF THE AREA OF THE FOUR RIVERS, OZALJ CITY, SLUNJ CITY, TOURIST OFFICE OF THE KUPA AREA,
SLUNJ CITY, TOURIST OFFICE OF THE SLUNJ CITY



GPS RALLY MONITORING

March 31/April 2, 2023

CONTENT

1.	INTRODUCTION	4
2.	ORGANISATION	4
3.	PROGRAMME	6
4.	ENTRIES	8
5.	INSURANCE	9
6.	ADVERTISING AND IDENTIFICATION	9
7.	TYRES	10
8.	FUEL	10
9.	RECONNAISSANCE	10
10.	ADMINISTRATIVE CHECKS	11
11.	SCRUTINEERING	11
12.	OTHER PROCEDURES	12
13.	IDENTIFICATION OF OFFICIALS	14
14.	PRIZES	14
15.	FINAL CHECKS	14

APPENDIX 1	ITINERARY	16
APPENDIX 2	RECONNAISSANCE	17
APPENDIX 3	COMPETITORS RELATIONS OFFICERS	18
APPENDIX 4	COMPETITION NUMBERS	19
APPENDIX 5	COMPETITORS' SAFETY	21

1. INTRODUCTION

1. Introduction

Name of the event: 2. QRR KARLOVAC
Date of the event: March 31/April 2nd, 2023

1.1 Preamble

This rally will be run in compliance with the FIA International Sporting Code (ISC) including appendices, the ASN Rally Regulations the WADA/NADA Codes, the FIA Anti-Doping Regulations, as amended from time to time, Alpe Adria Rally Cup regulations and this Supplementary regulations. The National Road Traffic Regulations shall apply. Unless provided otherwise by these Supplementary Regulations, the provisions of the above Rules and Regulations shall apply. Any modifications, amendments and/or additions to the Rules and Regulations shall be made in the form of numbered and dated bulletins. Additional information will be published in the Rally Guide. All FIA regulations can be found at <https://www.fia.com/regulations>. CCKF regulations can be found on www.haks.hr. The various documents will be written in English and Croatian. In case of any discrepancy the English text will be binding.

1.2 Length of Special Stages and Road surface

Rally: Asphalt 115,42 km Gravel 0 km

1.3 Overall SS distance and total distance of the itinerary

Number of Legs	1
Number of Sections	4
Number of Special Stages	12
Total distance of the itinerary	477,08 km
Overall length of Special Stages	115,42 km

The breakdown of the route, as well as its time controls, neutralization periods, etc. is described in Appendix 1, on the time card and in the road book.

2. ORGANISATION

2.1 Championships and titles for which the rally counts

INTERNATIONAL ZONE CROATIAN RALLY CHAMPIONSHIP
CROATIAN RALLY CHAMPIONSHIP
OPEN ZAGREB CHAMPIONSHIP

2.2 Approvals

ASN registration number / Visa No.: 003/2023. 24- 01. 2023.

2.3 Organizer's name, address and contact details

AUTOMOBILE CLUB „INA DELTA“ ZAGREB, HR-10000 Zagreb, Rakovčeva 10

Tel: +385 1 2366 141, Fax: +385 1 2300 424, Mob: +385 91 4617 892
Working hours: from 07:00 till 15:00 and from 17:00 till 19:00 (Wednesday)
Internet address: www.akdelta.hr/qrr, E-mail: ured@akdelta.hr, qrr@akdelta.hr
Contact Person: Mrs. Mirjana Šimek Bilić, +385 91 497 2711, mirjanica.simekica@gmail.com

2.4 Organization committee

President: Željko FANJAK
Vice president: Vladimir GOLUB
Members: Nataša Rahela BOROVIČEK, Damir ČAČIĆ, Mato ŠEBALJ, Zrinka ČEGELJ, Zlatko GROTIĆ, Josip FLORIAN, Dražen MESEC, Robert NAGUSCH, Bernardo PAHOR, Jure PAVLINIĆ, Ivan PUŠKARIĆ, Daniela PERIS, Toni ŠARIĆ, Josip ŠIMEK, Mirjana ŠIMEK BILIĆ, Boris ŠKRTIĆ, Luka ŠTROSAR, Perica VUCELIĆ, Dejan TRŽOK, Jure PAVLINIĆ

2.5 Stewards of the Meeting

	Name	License no.
Stewards of the Meeting (Chairman)	Dino DELJKIĆ	S 0126
2 nd Steward	Bojan VIŠNJIĆ	S 3350
3 rd Steward	TBA	
Secretary of the Stewards	Renata SUCHY	N 1026

2.6 HAKS Delegates & Observers

	Name	
CCKF Observer	Slaven DEDIĆ	S 1305
CCKF Technical delegate	TBA	

2.7 Senior officials

	Name	License no.
Clerk of the Course	Mirjana ŠIMEK BILIĆ	S 1317
Deputy Clerk of the Course	Josip ŠIMEK	S 0997
Deputy CoC and Chief Safety Officer	Josip FLORIAN	N 0130
Deputy CoC for safety	Dražen MESEC	S 0470
Assistant Coc for SS	Mato ŠEBALJ	S 0012
Assistant CoC for logistic	Ivica TISAJ	N 2629
Secretary of the Event and Chief of HQ	Zrinka ČEGELJ	S 0435
Administrative cheks chief	Vesna ČEGELJ	S 0434
Chief Scrutineer	Boris VODENIK	S 0167
Scrutineer	Igor ŠIMUNIĆ	N 1769
	Luka KRČELIĆ	K 4418
Service Park chief	TBA	
Competitors' Relations Officers (CRO)	Iva ŠIMIĆ	N 0581
Media officer	TBA	
Chief Medical Officer (CMO):	doc.dr.sc. Mario ČUK, dr.med.	
Fire insurance chief	TBA	
Towing service chief	TBA	
Chief off Radio communications	Mladen GLUMAC	
Timekeeping and data processing	DELTA Timing	TBA
Chief Timekeeper	Igor GOLENKO	N 0116
Chief of results processing	Zlatko GROTIĆ	S 0120
Special stages officers		
Shakedown	Ivan JAKŠIĆ	N 3187
	Marko CVITKOVIĆ	N 4012
SSS 1/3 Korana 1/2, SS 5/8/11 Dobra 1/2/3	Ivan JAKŠIĆ	N 3187
	Nenad MARKOVIĆ	K 3656
SS 2 Rastoke, SS 6/9/12 Mrežnica 1/2/3	Marko CVITKOVIĆ	N 4012
	Davor BAUKOVAC	K 4445
SS 4/7/10 Kupa 1/2/3	Luka DEVUNIĆ	S 3920
	Tin TRPUTEC	N 4099

2.8 HQ location and contact details

From February 1st till March 30th, 2023

Name: AUTOMOBILE CLUB „INA DELTA” ZAGREB

Street: Rakovčeva 10

Post code, city: HR-10000 Zagreb

Phone and fax: +385 1 2366 141

E-mail: ured@akdelta.hr

2. QUATTRO RIVER RALLY KARLOVAC

Working hours: from 07:00 till 15:00 and from 17:00 till 19:00 (Wednesday)

Rally HQ in operation: March 31st – 2nd April 2023, from 08:00 till 21:00 hours: AQUATIKA - FRESHWATER AQUARIUM, Branka Čavlovića Čavleka 1a street, 47000 Karlovac, Croatia

Service Park in operation: March 31st – 2nd April 2023, from 08:00 till 22:00 hours: Ulica 13. srpnja, Karlovac.

Official Notice Board (NB): Rally HQ, AQUATIKA - FRESHWATER AQUARIUM, Branka Čavlovića Čavleka 1a street, 47000 Karlovac

Digital Notice Board (DNB): www.akdelta.hr/qrr

Informative Notice Board: Service Park

3. PROGRAMME

Programme before the rally week

Date	Activity	Location
Monday, February 20 th	Publishing of the Supplementary Regulations	www.akdelta.hr/qrr :
	Opening day for entries	www.haks.hr ; www.z-a-s.hr
Wednesday, March 1 st	Pre-event press conference (time 11:00)	Karlovačka županije, Square Matija Gubec 1
Friday, March 3 rd	Issuing of the Rally Guide	www.akdelta.hr/qrr : www.haks.hr ; www.z-a-s.hr
Friday, March 17 th	Closing date for entries	Headquarters Zagreb

Programme during the rally week

Date	Time	Activity	Location
Monday, March 27 th		Publication of the entry list	www.akdelta.hr/qrr : www.haks.hr ; www.z-a-s.hr
Wednesday, March 29 th	11:00	Pre-event press conference	Karlovačka županije, Square Matija Gubec 1
Friday, March 31 st	08:00	Opening Service Park	13. srpanj street, Karlovac
	08:00-19:00	Issuing of the road book and the materials for reconnaissance	Rally HQ
		Reconnaissance (see schedule App.2)	Itinerary
	15:00-19:00	Administrative checks	13. srpanj street, Karlovac
15:30-18:30	Scrutineering		
Friday, March 31 st	21:00	First Stewards Meeting	Rally HQ
	22:00	Publication of the Start list for Ceremonial start, Leg 1, Leg 2	Virtual Notice Board
Saturday, April 1 st	07:00- 07:30	Re-scrutineering	Service Park
	09:00- 12:00	Shakedown	Novigrad na Dobri
	13:00	Driver's meeting	Service Park
	14:00	Ceremonial start	Stjepan Radića street, Karlovac
	16:01	Start of rally - Leg 1, Section 1	Service Park
Sunday, April 2 nd	08:01	Start of Section 2	Service Park
	19:00	Podium Ceremony and Prize-giving	Stjepan Radić street, Karlovac
	19:45	Publication of Provisional Classification	Virtual Notice Board
		Second Stewards Meeting	Rally HQ
	20:45	Publication of Final Classification	Virtual Notice Board

4. ENTRIES

4.1 Closing date for entries

See programme in chronological order (SR Art. 3).

4.2 Entry procedure

Anybody wishing to take part in the "2. QRR KARLOVAC" must send the attached entry form duly completed, and it must reach Rally Secretariat before March 17th 2023, 24:00 hours. Details concerning the Co-driver can be fulfilled on administrative checking. If this application is sent by fax or e-mail the original must reach the Organizers at the latest on March 24th 2023 at 24.00 hours.

Entries with an entrant which is not a member of the team must be accompanied by a copy of the entrant's license.

Address for entries:

Auto klub „DELTA“ Zagreb

Rakovčeva 10

HR-10000 ZAGREB, e-mail: qrr@akdelta.hr

4.3 Number of entrants accepted and classes

Maximum number of entrants is fixed at 90 vehicles.

4.4 Cars accepted and classes

CLASSES	GROUPS	
1	Rally2	<i>Group Rally2 cars conforming to the 2020 Appendix J, Art. 261</i>
	Rally2 Kit (VR4K)	<i>Cars fitted with R4 Kit conforming to the 2020 Appendix J, Art. 260E</i>
	NR4 over 2000ccm	<i>Group N cars conforming to the 2019 Appendix J, Art. 254</i>
	S2000-Rally: 2.0 Atmospheric	<i>Super 2000 cars conforming to the 2013 Appendix J, Article 254A</i>
	RGT cars	<i>Group RGT cars conforming to the 2019 and 2020 Appendix J, Art. 256</i>
	Rally3	<i>Atmospheric over 1390ccm and up to 2000ccm and turbo over 927ccm and up to 1620ccm - vehicles homologated from 01/01/2021 and in accordance with 2023 Appendix J, Art. 260</i>
	H1	<i>Historic over 2000ccm</i>
2	A7 (over 1600ccm up to 2000ccm	<i>Conforming to the 2019 Appendix J, Art. 255</i>
	R3 (atmo / over 1600ccm and up to 2000ccm and turbo over 1067ccm and up to 1333ccm)	<i>Cars homologated before 31/12/2019 and conforming to the 2019 Appendix J, Art. 260</i>
	R3 (turbo / up to 1620ccm / nominal)	<i>Cars homologated before 31/12/2019 and conforming to the 2019 Appendix J, Art. 260D</i>
	Rally4 RC4A (atmo over 1600ccm and up to 2000ccm and turbo over 1067ccm and up to 1333ccm)	<i>Cars homologated from 01/01/2019 and conforming to the 2020 Appendix J, Art. 260</i>
	Rally4 RC4B (atmo over 1390ccm and up to 1600ccm and turbo over 927ccm and up to 1067ccm)	<i>Cars homologated from 01/01/2019 and conforming to the 2020 Appendix J, Art. 260 and R2 cars homologated before 31/12/2018 and conforming to the 2018 Appendix J, Art. 260</i>
	S1600	
	H2	<i>Historic over 1600ccm and up to 2000ccm</i>
3	A6 (over 1400ccm up to 1600ccm)	<i>Conforming to the 2019 Appendix J, Art. 255</i>
	N3 (over 1600ccm up to 2000ccm)	
	H3	<i>Historic over 1400ccm and up to 1600ccm</i>
4	A5 (up to 1400ccm)	
	N2 (over 1400ccm and up to 1600ccm)	
	N1 (up to 1400ccm)	
	Rally5 (atmo up to 1600ccm and turbo up to 1333ccm)	<i>Cars homologated from 01/01/2019 and conforming to the 2020 Appendix J, Art. 260</i>

2. QUATTRO RIVER RALLY KARLOVAC

CLASSES	GROUPS	
4	<i>Rally 5 (atmo up to 1600ccm and turbo up to 1067ccm)</i>	<i>Cars homologated before 31/12/2018 and conforming to the 2020 Appendix J, Art. 260</i>
	<i>Rally 5 NAT (atmo up to 1600ccm and turbo up to 1333ccm)</i>	<i>Cars produced after 31/12/2016 conforming to the 2023 CCKF Technical Appendix</i>
	H4	<i>Historic up to 1400ccm</i>
5	Cup S1	<i>up to 1400ccm</i>
	Cup S2	<i>over 1400ccm and up to 2000ccm</i>
	Cup S3	<i>over 2000ccm</i>

Vehicles powered by turbocharged diesel fuel and two-wheel drive will be classified into classes according to the nominal displacements of the engines.

The participation of historic vehicles prepared in accordance with FIA Appendix K in the corresponding classes is allowed. Crews competing with historic vehicles must have an appropriate rally license.

4.5 Entry fees

Class 4, S1, H & Junior	Class 3 & S2	Class 1, 2 & S3
200 € (1.507 HRK)	250 € (1.884 HRK)	300 € (2.260 HRK)

4.6 Payment details

The entry application will only be accepted if accompanied by total entry fees or by a receipt issued by the competitor's National Sporting Authority, unless the organizer decides otherwise in individual cases.

The entry fees should be transferred to the following account:

AUTO KLUB "DELTA" ZAGREB
HR-10000 Zagreb, Rakovčeva 10
IBAN: HR4523600001102402329
SWIFT ZABAHR2X

A payment receipt must be sent to the Organizers together with the completed entry form.

4.7 Refunds

Entry fees will be refunded in full to candidates whose entry has not been accepted and in the case of the rally not taking place.

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

5. INSURANCE COVER

Description of insurance cover:

Insurance cover guarantees the competitor's cover for civil liability towards third parties, according to the existing Regulations in Croatia, up to 135.000 € for personal damage and for damage to objects.

Each competitor must have an insurance policy for the vehicle he competes in, at competitor's request, the Organizers will take out an additional insurance valid for the period of the rally at competitor's expense.

The service and team vehicles, even those bearing plates issued by the Organizers, may never be considered as official participants in the rally. They are therefore not covered by the insurance policy of the rally and will remain the sole responsibility of their owners.

6. ADVERTISING AND IDENTIFICATION

See Appendix 4 of these SR "Decals and positioning of supplementary advertising".

6.1 Obligatory organizer's advertising

Rally Plates

2.QRR Karlovac

Competition number size: 67 x 17 cm

TBA

The organizer will provide each crew with the number identification (67x17cm), which must be affixed to their car in the stated positions prior to scrutineering. Each panel shall be placed horizontally at the leading edge of each front door, with the number at the front. The top of the plate shall be between 7 cm and 10 cm below the lower limit of the window. **It is not allowed to cut the panel.**

6.2 Optional organizer's advertising

Additional organizer's advertising:

TBA

Spaces on the vehicle that must be kept free: front and back fender, rear window.

7. TYRES

7.1 Regulations regarding tyres which may be used during the rally

In compliance with Appendix A03 CCKF Auto sport regulations, Art. 10. ([link](#))

7.2 Tyres for use on reconnaissance

Allowed is use only approved commercial road tires.

7.3 National laws or special requirements

Minimum 1,6 mm of profile on the tyres. All laws are in line with other EU countries.

8. FUEL

All type of fuel must follow Appendix J Art. 252.9.

8.1 Ordering procedure

There will be no ordering of fuel for this rally.

8.2 Closing date for ordering FIA fuel

There will be no ordering of fuel for this rally.

8.3 Procedure in Refuel Zone

The organizer is responsible for running the refuel zone and it is responsible to protect the ground with an Environmental Mat which shall be composed of an absorbent upper part and an impermeable lower part.

9. RECONNAISSANCE

Reconnaissance will be according to Appendix A03 CCKF Auto sport regulations, Art. 19. ([link](#)). The schedule for the reconnaissance is published in Appendix 2 of these supplementary regulations.

9.1 Registration procedure

Each car must be identified with a reconnaissance car number supplied by the organizer. Rally cars used in the event may not be used for reconnaissance.

Materials for reconnaissance will be available:

- from Friday, March 24th until Thursday 30th in Rally HQ in Zagreb, Rakovčeva 10, from 08:00 till 15:00.
- on Friday, March 31st, 2023, in Rally HQ Karlovac, Aquatika, from 08:00 till 19:00 hours

When registering for the reconnaissance, one of the crew members must be present and complete an information sheet giving details of the reconnaissance car, mobile phone number and place where the competitor is staying.

The third-party insurance of reconnaissance cars must be presented during the reconnaissance registration.

The reconnaissance ID number must be attached to the reconnaissance car on the top centre of the windscreen and kept visible for the entire duration of the reconnaissance period.

9.2 Specific and/or national restrictions – speed limit on the special stages

During reconnaissance, all national traffic regulation must be followed, including but not limited to the speed limits. Please note that the Special Stages will not be closed to public traffic during reconnaissance. The organizer may reduce the allowed speed individually by marking the areas in the road book and along the route. Speeding during reconnaissance and / or shakedown will be penalized up to start refusal applied by Stewards.

9.2.1 Any kind of practice on the rally route is forbidden.

9.2.2 Throughout the entire reconnaissance, the crews must strictly observe the traffic laws effective in the Republic of Croatia, which generally correspond to those in continental Europe. If not otherwise specified by traffic signs, the maximum permitted speed in built up areas is 50 km/h, outside built-up areas 90 km/h, and on highways 130 km/h. Headlights must always be on.

9.2.3 Each crew is allowed to pass each special stage **three** times during the reconnaissance.

9.2.4 The crews are required to present their reconnaissance cards to marshals at the start of each special stage.

9.2.5 In no circumstances may crews drive in the opposite direction to that of the rally in the special stages during reconnaissance.

9.2.6 Any member of the crew taking part or intending to take part in the “2. QRR Karlovac”, who is found present on the route of any special stage of the rally before Friday 31st 2023, and/or outside the reconnaissance schedule, will be considered to be performing illegal reconnaissance.

9.2.7 The Organizers will control the route of special stages on a regular basis.

9.2.8 Any infringement of the reconnaissance regulations and particularly reconnaissance outside the given schedule will be considered a very serious offence and will be reported to the Stewards who may impose a penalty that may go as far as start refusal.

9.3 Installation of speed control checking devices

There will be no installation of speed control checking devices in reconnaissance cars, but there will be police along the special stages controlling the speed. Each breaking of the speed limit will be reported to Stewards.

10. ADMINISTRATIVE CHECKS

10.1 Documents to be presented:

To keep the time required for the administrative checks to the necessary minimum, make sure to bring and present the following documents:

- Competitors' license
- Driver's and co-driver's competition licenses
- Driver's and co-driver's ID cards/passports
- Driver's and co-driver's valid driving licenses
- ASN authorization for foreign competitors (if required)
- Completion of all details on the entry form
- Car registration papers

10.2 Timetable

See programme (SR Art. 3). Each crew must report to the administrative checks at its individual time given in the schedule published in the entry confirmation on Tuesday, March 28th, 2023.

11. SCRUTINEERING

11.1 *Scrutineering location and timetable*

Cars may be presented at scrutineering by a representative of the team. See programme (SR Art. 3).

Each crew or representative must report to the scrutineering at its individual time given in the schedule published in the entry confirmation on Tuesday, March 28th, 2023.

Organizer will publish time schedule for the technical scrutineering for each crew.

11.1.1 *Scrutineering, mandatory documents*

- Cars' complete certified homologation
- SOS / OK board (DIN A3 format)

The installation of the tracking system will be checked at scrutineering.

11.2 *Mud flaps*

See ISC Appendix J, Article 252.7.7.

11.3 *Windows*

See ISC Appendix J, Article 253.11.

11.4 *Drivers' safety equipment*

All items of clothing including helmets and FHR (Front Head Restraint) intended to be used, e.g. HANS devices, must be presented for scrutineering. They shall be checked for compliance with Appendix L, Chapter III.

Driver's safety equipment is also described in Appendix 5 this Supplementary regulations.

11.5 *Noise level*

At any time on the road sections, the noise level must be in conformity with Appendix J. There are no special restrictions on noise level in Croatia.

11.6 *Special national requirements*

Cars must be presented to the scrutineers with rally plates, competition numbers and optional advertising, if taken, affixed.

Any crew reporting late at administrative checks and scrutineering (according to the time indicated in the entry confirmation) will be penalized as follows:

- up to 30 min 50 € (377 HRK)
- 30 to 60 min 100 € (750 HRK)
- over 60 min 150 € (1.130 HRK)

11.7 *Installation of Safety Tracking System*

All cars must be fitted with a safety tracking system. Safety tracking system will be provided on administrative checks, deposit – driver and codriver license. Tracking system will be refunded after return of the undamaged device in Rally HQ.

Installation of the device needs to be done by a competitor under the supervision of company "Mireo" d.o.o.

12. OTHER PROCEDURES

12.1 *Ceremonial start procedure and order*

The ceremonial start will take place on Saturday, April 1st at 14:00 hours, in Karlovac, Stjepana Radića street. All cars will start according to the Start list. Wearing racing overall is mandatory.

12.2 *Finish procedure*

The competitive element of the rally will finish at the TC 12C - „Parc ferme IN”.

12.3 Permitted early check-in

Crews are authorized to check-in early (before their target time) in the time controls at the end of the Section 1 (TC 3C), at the Holding zone IN and Ceremonial Finish (TC 12A and TC 12B) and at the end of the rally (TC 12C), without incurring a penalty for early arrival.

12.4 Procedure at start of SS 2, 4-12

After the marshal at the start gives the crew the time card with the starting time for the road section entered, he will indicate the start lights with day time in hours, minutes and seconds. The lights will be red.

- 10 seconds before the start time digital clock will start to countdown rest seconds till start time.
- 5 seconds before the start time signal light will change from red to yellow.

Start time will be signaled by changing yellow light to green which is tuned with start of start minute at clock.

Green light continues to light until 20 seconds after full minute and on 21 second green light is changed to red. At start line will be photocells which are connected to measuring equipment with printer, tuned with above mentioned system and which register false start. **MANUAL START PROCEDURE** In case of manual start procedure, after giving to the crew the time card, marshal at the start will countdown out loud : 30" - 15" - 10" and last 5 seconds one by one. After the last 5 seconds passes, the sign for the start will be given to the crew.

12.5 Pre-start parc ferme

There will be no pre-start parc ferme.

12.6 Starting System of Special Stages**Super special stage – SSS 1/3 Korana 1/2**

After the marshal at the start gives the crew the timecard with the starting time for the road section entered, he will indicate the start lights. The lights will be red.

The driver has 30 seconds to get ready to start. The time to start is signaled by the light changing from red to green. The competing car must start within 5 seconds and the timekeeping will begin when the car crosses the photocell line after 1 meter. In case of the start light not functioning, the start will be given manually with flags.

Penalties

In the case that the crew drives less than estimated number of laps, it will be assigned with best time on the stage (in normal condition) + three (3) minutes.

12.7 Special procedures and activities**12.7.1 Availability of participants**

Participants who park their vehicles in the Parc Fermé upon passing the finish line, must remain available by phone (mobile) until the final classification has been posted.

12.7.2 Classification

The final classification will not be distributed after the event. The final classification will be published on the website on the Digital Notice Board: www.akdelta.hr/qrr

12.8 Official time used during the rally

Official time throughout the entire rally will be that available at the telephone number +385 18095.

12.9 Taking part in 2. QRR Karlovac and WRC Croatia rally in 2023

Each crew who wants to take part in 2. QRR Karlovac and WRC Croatia rally in 2023 should ask for permission to be a part of 2. QRR Karlovac in written form from FIA Sport department and CoC of WRC Croatia rally Mr Slaven Dedić (slaven.dedic@rally-croatia.com). Reason is that 2. QRR Karlovac and WRC Croatia rally use pretty much the same stages.

13. IDENTIFICATION OF OFFICIALS



14. PRIZES

Prizes will be given for

- The first three crews of the General Classification (finish podium)
- International zone Croatian Rally Championship
- Zagreb Open Championship

15. FINAL CHECKS/PROTESTS/APPEALS

15.1 Final checks - who is to attend from teams, plus location

Time and location: see programme (SR. Art. 3)

Any teams required to undergo final checks must immediately follow the instruction of the marshals in charge, even if this prevents them from proceeding to one or more time controls (TC). The complete original FIA homologation form and other necessary certifications must be available for final checks. For national cars the corresponding original ASN documents must be available.

15.2 Protest fees

The sum of the protest fee set by the ASN 60 € (452 HRK). Deposit for a protest which requires dismantling and re-assembly of a clearly defined part of the car is 650 € (4.897 HRK).

15.3 Appeal fees

Sum for a national appeal fee (ASN) is 700 € (5.274 HRK).

2. QUATTRO RIVER RALLY KARLOVAC

The appeal deposit amount is published on the FIA website: <https://www.fia.com/international-court-appeal>

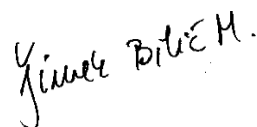
All protests and/or appeals must be lodged in accordance with Articles 13 and 15 of the Code and, where applicable, with the FIA Judicial and Disciplinary Rules.

SECRETARY



Zrinka ČEGLJ

CLERK OF THE COURSE



Mirjana ŠIMEK BILIĆ

APPENDIX 1 - ITINERARY

Shakedown		(Sunrise 06:38 - Sunset 19:25)			Saturday, 01. April 2023	
TC VK	Location	SS Distance	Liaison Distance	Total distance	Target Time	1 st car due
	Karlovac, ŠRC Korana, Service Park OUT	-	0,00	0,00	-	-
TC	Zagradci	-	18,90	18,90	-	-
SD	Shakedown	4,50	-	-	09:00 - 12:00	
TC	Zagradci	-	16,71	21,21		
SD	Shakedown	4,50	-	-		
TC	Karlovac, ŠRC Korana, Service Park IN	-	12,24	16,74		
SHAKEDOWN TOTAL		4,50	47,85	52,35		
Ceremonial start		(Sunrise 06:38 - Sunset 19:25)			Saturday, 01. April 2023	
TC	Karlovac, Service OUT	-	0,00	0,00	-	13:10
TC	Karlovac, Ivan Goran Kovačić street	-	2,33	2,33	0:10	13:20
TC	Karlovac, Stjepan Radić street	-	0,00	0,00	0:40	14:00
	Karlovac, Service IN	-	2,03	2,03	-	0:00
LEG 1, Section 1		(Sunrise 06:38 - Sunset 19:25)			Saturday, 01. April 2023	
TC 0	Karlovac, ŠRC Korana, START	-	0,00	0,00	-	16:01
RZ 1	Refuel - All competitors - Karlovac ŠRC Korana Distance to next refuel	(2,47)	(3,39)	(5,86)		
TC 1	Karlovac, Rakovac street	-	0,93	0,93	0:10	16:11
SSS 1	Korana	2,47	-	-	-	16:14
TC 2	Slunj, Rastoke	-	50,63	53,10	1:05	17:19
SS 2	Rastoke	5,60	-	-	-	17:22
TC 3	Karlovac, ulica Rakovac	-	51,46	57,06	1:10	18:32
SSS 3	Korana 2	2,47	-	-	-	18:35
TC 3A	Karlovac, ŠRC Korana, Technical zone IN	-	2,41	4,88	0:20	18:55
TC 3B	Karlovac, ŠRC Korana, Service Park IN	-	0,05	0,05	0:05	19:00
Servis A Karlovac		(10,54)	(105,48)	(116,02)	0:45	
TC 3C	Karlovac, ŠRC Korana, Service OUT / Parc fermé IN	-	0,00	0,00	-	19:45
LEG 1, Section 1		10,54	105,48	116,02	SS/BI = 9,08%	
Overnight Regrouping						

SHAKEDOWN

SECTION 1

2. QUATTRO RIVER RALLY KARLOVAC

Start LEG 2, Section 2 / 3 / 4		(Sunrise 06:36 - Sunset 19:26)			Sunday, 02. April 2023	
TC 3D	Karlovac, ŠRC Korana, Service IN	-	0,00	0,00		8:01
Servis B Karlovac		(0,00)	(0,00)	(0,00)	0:15	
TC 3E	Karlovac, ŠRC Korana, Service OUT	-	0,00	0,00	-	8:16
RZ 2	Refuel - All competitors - Karlovac ŠRC Korana Distance to next refuel	(34,96)	(69,89)	(104,85)		
TC 4	Kučer	-	24,80	24,80	0:30	8:46
SS 4	"Kupa" Kučer - Vrškovac 1	11,20	-	-	-	8:49
TC 5	Vinski Vrh	-	29,92	41,12	0:50	9:39
SS 5	"Dobra" Vinski Vrh - Duga Resa 1	8,88	-	-	-	9:42
TC 6	Pećurkovo Brdo	-	6,81	15,69	0:20	10:02
SS 6	"Mrežnica" Pećurkovo Brdo - Gornje Bukovlje 1	14,88	-	-	-	10:05
VK 6A	Duga Resa, Regrouping IN	-	13,63	28,51	0:35	10:40
	Regrouping	-	-	-	0:30	
VK 6B	Duga Resa Regrouping OUT	-	0,00	0,00	-	11:10
TC 6C	Karlovac, ŠRC TZ IN	-	8,36	8,36	0:15	11:25
TC 6D	Karlovac, ŠRC Korana, Service IN	-	0,05	0,05	0:05	11:30
Servis C Karlovac		(34,96)	(83,57)	(118,53)	0:30	
TC 6B	Karlovac, ŠRC Korana, Service OUT	-	0,00	0,00	0:00	12:00
RZ 3	Refuel - All competitors - Karlovac ŠRC Korana Distance to finish	(34,96)	(82,43)	(117,39)		
TC 7	Kučer	-	24,80	24,80	0:30	12:30
SS 7	"Kupa" Kučer - Vrškovac 2	11,20	-	-	-	12:33
TC 8	Vinski Vrh	-	29,92	41,12	0:50	13:23
SS 8	"Dobra" Vinski Vrh - Duga Resa 2	8,88	-	-	-	13:26
TC 9	Pećurkovo Brdo	-	6,81	15,69	0:20	13:46
SS 9	"Mrežnica" Pećurkovo Brdo - Gornje Bukovlje 2	14,88	-	-	-	13:49
TC 9A	Karlovac, ŠRC Korana, Technical zone IN	-	20,90	35,78	0:40	14:29
TC 9B	Karlovac, ŠRC Korana, Service IN	-	0,05	0,05	0:05	14:34
Servis D Karlovac		(34,96)	(82,48)	(117,44)	0:30	
TC 9C	Karlovac, ŠRC Korana, Service OUT	-	0,00	0,00	0:00	15:04
RZ 4	Dolijevanje goriva - Svi natjecatelji - Karlovac, ŠRC Korana Udaljenost do cilja	(34,96)	(90,43)	(125,39)		
TC 9D	Ozalj, Regrouping IN	-	19,25	19,25	0:25	15:29
	Ozalj, Regrouping	-	-	-	0:30	
TC 9E	Ozalj, Regrouping OUT	-	0,00	0,00	0:30	15:59
TC 10	Kučer	-	10,98	10,98	0:15	16:14
SS 10	"Kupa" Kučer - Vrškovac 3	11,20	-	-	-	16:17
TC 11	Vinski Vrh	-	29,92	41,12	0:50	17:07
SS 11	"Dobra" Vinski Vrh - Duga Resa 3	8,88	-	-	-	17:10
TC 12	Pećurkovo Brdo	-	6,81	15,69	0:20	17:30
SS 12	"Mrežnica" Pećurkovo Brdo - Gornje Bukovlje 3	14,88	-	-	-	17:33
TC 12A	Karlovac, Ulica Stjepana Radića, Holding zone IN	-	21,49	36,37	0:40	18:13
	Karlovac, Holding zone	-	-	-	0:47	
TC12B	Ceremonial Finish, Stjepan Radić street	-	-	-	0:47	19:00
TC 12C	Karlovac, ŠRC Korana, Parc fermé IN	-	1,98	1,98	0:20	19:20
LEG 1, Section 2 / 3		104,88	256,48	361,36		BI = 29,02%
RALLY TOTAL		115,42	361,96	477,38		BI = 24,18%

SECTION 2

SECTION 3

SECTION 4

APPENDIX 2 - RECONNAISSANCE

During reconnaissance there shall be control marshals at the start and stop point of each special stage. Further checks may also be carried out during special stages.

Procedure for registration:

Materials for reconnaissance will be available:

- from Friday, March 24th until Thursday 30th in Rally HQ in Zagreb, Rakovčeva 10, from 08:00 till 15:00.
- on Friday, March 31st, 2023, in Rally HQ Karlovac, Aquatika, from 08:00 till 19:00 hours

When registering for the reconnaissance, one of the crew members must be present and complete an information sheet giving details of the reconnaissance car, mobile phone number and place where the competitor is staying.

The third party insurance of reconnaissance cars must be presented during the reconnaissance registration. The reconnaissance ID number must be attached to the reconnaissance car on the top centre of the windscreen and kept visible for the entire duration of the reconnaissance period.

Reconnaissance Schedule

The reconnaissance will be carried out according to the following schedule:

Friday, March 31st, 2023:

Shakedown	08:00 – 19:00
SSS 1/3 Korana 1/2	
SS 2 Rastoke	
SS 4/7/10 Kupa Kučer – Vrškovec 1/2/3	
SS 5/8/11 Dobra Vinski Vrh – Duga Resa 1/2/3	
SS 6/9/12 Kupa Pećurkovo Brdo – Gornje Bukovlje 1/2/3	

Crews are strictly prohibited driving in the opposite direction from the direction established by the special stages!

Any infringement of the reconnaissance regulations and particularly reconnaissance outside the given schedule will be considered a very serious offence and will be reported to the Stewards who may impose a penalty that may go as far as start refusal!

APPENDIX 3 – COMPETITORS RELATIONS OFFICERS

I am the Competitors Relations Officers:



IVA ŠIMIĆ

I speak:

- Croatian
- English

During the running of the rally, I can easily be identified by a red tabard with the letters CRO. We will be present at the administrative checks and technical scrutineering on Friday, March 31th, 2023. This Appendix 3 will be posted on the Official Notice Board at Rally HQ, Information Notice Board at Service Park and DNB.

All crews can find us at the following places according to the following schedule:

- at the administrative checks and scrutineering on Friday, March 31st 2023 from 15:00 till 19:00 hours
- in service park and rally HQ, on Friday, March 31st, 2023 from 08:00 till 20:00 hours
- in service park and rally HQ, on Saturday, April 1st, 2023 from 08:00 till 21:00 hours
- in service park and rally HQ, on Sunday, April 2nd, 2023 from 08:00 till 21:00 hours
- at finish of the rally on Sunday, April 2nd, 2023 from 18:00 till 20:00 hours
- at Parc Ferme on Sunday, April 2nd, 2023 from 19:00 to 20:30 hours

APPENDIX 4 – COMPETITION NUMBERS

The organizer will provide each crew with the following, which must be affixed to their car in the positions stated prior to scrutineering:

1. COMPETITION NUMBERS

1.1 Two front door panels measuring 67 cm wide by 17 cm high including a 1 cm white surround.

Each of these panels shall comprise a 15 cm x 15 cm competition number box which shall always be at the front of the panel.

When the competition number is greater than 99, the box width may be increased. Numerals will be fluorescent yellow (PMS 803), 14 cm high and with a stroke width of 2 cm, on a matt black background. The remainder of the door panel is reserved for the use of the organizer.

1.2 Each panel shall be placed horizontally at the leading edge of each front door, with the number at the front. The top of the plate shall be between 7 cm and 10 cm below the lower limit of the window.

1.3 No signage, other than the color scheme of the car, shall be placed within 10 cm of the panel.

1.4. One rear window panel which shall measure a maximum of 30 cm wide and 10 cm high, reserved for the use of the organizer. This panel shall be positioned at the top of the rear window, and positioned, left, or right, as indicated in the supplementary regulations. An adjacent area of 15 cm² shall contain the fluorescent orange (PMS 804) 14 cm high competition number on a clear background. This number may be reflective and must be visible from the rear at eye level.

1.5. Two numbers for each rear side window which shall be 20 cm high with a stroke width of at least 25 mm, colored fluorescent orange (PMS 804), and may be reflective. These numbers shall be placed at the top of the rear side windows in conjunction with the driver's name.

1.6. One plate fitting into a rectangle 43 cm wide by 21.5 cm high which shall include at least the competition number and name of the rally.

2. DRIVER'S AND CO-DRIVER'S NAMES

2.1. The first initial(s) and surname of both driver and co-driver, followed by the national flags of the country of the ASN from which they have obtained their licenses, must appear on the rear side window on both sides of the car, adjacent to the competition number. The names must be:

- In white Helvetica
- In upper case for the initial(s) and first letter of each name with the remainder in lower case
- 6 cm high and with a stroke width of 1.0 cm.

The driver's name shall be the upper name on both sides of the car.

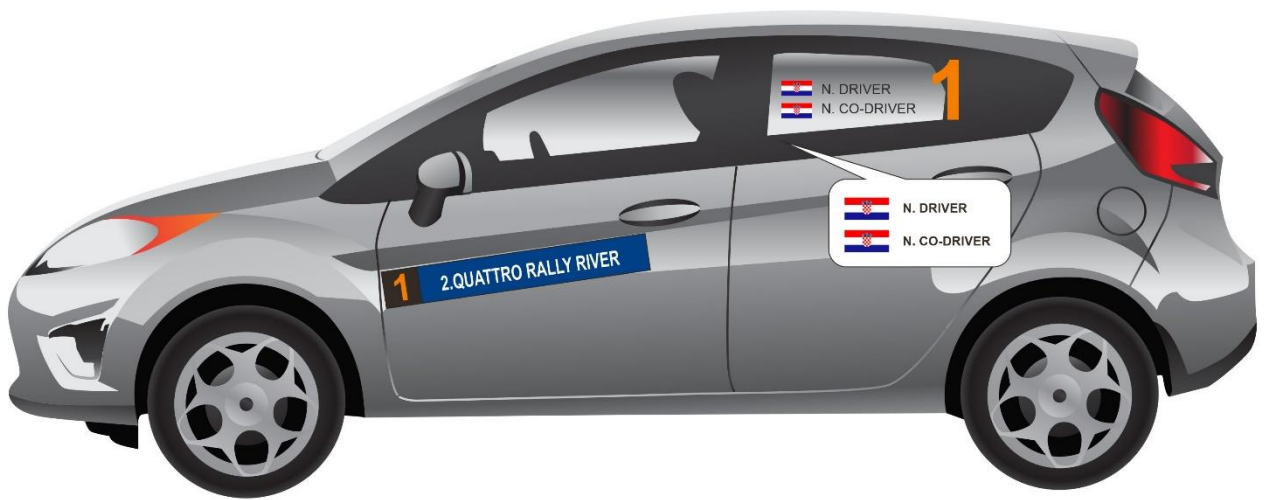
In addition to Article 6.1, the names of the driver and co-driver, together with the national flags of the country of the ASN from which they have obtained their license, must appear on the front wings of the car.

3. ORGANIZERS OPTIONAL ADVERTISING

Organizers have the right to put 4 optional advertising stickers on every competitor vehicle, which are rectangular shape, wide 50 cm and 15 cm high, on the side of the vehicle, two on the front and two on the back fender.

Crew has the right to refuse organizers optional advertising, but it must pay entry fee according to art 4.4 of this SR.

2. QUATTRO RIVER RALLY KARLOVAC



APPENDIX 5 – COMPETITORS' SAFETY**1. Use of SOS/OK signs**

- Each competing car shall carry a red "SOS" sign and on the reverse a green "OK" sign measuring at least 42 cm x 29.7 cm (A3).
- In case of an accident where urgent medical attention is required, when possible the red "SOS" sign should be immediately displayed to following cars and to any helicopter attempting to assist.
- Any crew which has the red "SOS" displayed to them, or which sees a car which has suffered a major accident where both crew members are seen inside the car but are not displaying the red "SOS" sign, must immediately and without exception stop to render assistance. All following cars also have to stop. The second car at the scene shall proceed to inform the next radio point. Subsequent cars must leave a clear route for emergency vehicles.
- In case of an accident where immediate intervention is not required, the "OK" sign must be clearly shown by a crew member to the following vehicles and to any helicopter attempting to assist.
- If the crew leaves the vehicle, the "OK" sign must be displayed so that it is clearly visible to other crews.
- Any crew which is able but fails to comply with above rules will be reported to the Clerk of the Course.
- Any crew retiring from a rally must report such retirement to the Organizers as soon as possible, save in case of force majeure. Any crew failing to comply will be subject to a penalty at Stewards' discretion.

2. Use of the red triangle

- Each competing car must carry a red triangle which, in the event of the car stopping in a special stage, must be placed in a conspicuous position by a member of the crew at least 50 metres before the car's position, in order to warn following drivers. Any crew failing to comply may be subject to a penalty at stewards' discretion.
- This triangle must be placed even if the stopped car is off the road.