



INTERNATIONAL ZONE CROATIAN RALLY CHAMPIONSHIP CROATIAN RALLY CHAMPIONSHIP ZAGREB OPEN CHAMPIONSHIP



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



























1. INTRODUCTION / WELCOME

1.1 Welcome

Welcome to Croatia
Welcome to Karlovac and Karlovac County.

Welcome to "2. QUATTRO RIVER RALLY KARLOVAC 2023." and thank you for joining the rally drivers who want to participate in our event.

We want you to feel comfortable in our city of Karlovac and the Karlovac County, whose residents appreciate big sporting events immensely.

1.2 Event overview

Three weeks before the biggest sporting spectacle in Croatia ever - the WRC Croatia Rally - the Karlovac County will host numerous domestic and foreign drivers for the second year in a row at the 2nd Quattro River Rally, Karlovac 2023. Driving along all four rivers, drivers and spectators will have the opportunity to enjoy the beautiful natural and cultural beauties of the heart of Croatia, especially at the shakedown next to the fascinating old town of Novigrad na Dobra. The Quattro River Rally will be driven on almost identical speed tests where the world's best drivers will drive the WRC Croatia Rally.

This international zonal championship and the championship of the Republic of Croatia in the rally represents a great opportunity for all drivers, as well as spectators eager for adrenaline.

1.3 Past winners

2022.	HUBERT	LASKOWSKI	/	MICHAEL LAT/POL	Ford Fiesta Rally	3

1.4 Regulatory Power

This Document has no Regulatory Power – for Information only.

2. CONTACT DETAILS

2.1. Permanent contact details

2.1.1 Postal and visitors' addresses, phone and fax



Address: Rakovčeva 10, HR-10000 Zagreb

Phone: +385 1 23 66 141, Mobile: +385 91 46 17 892, Fax:+385 1 23 14 122

Working hours: 07:30 – 15:30 hours (Thuesday 07:30-19:00 hours)

2.1.2 E-mail and internet addresses

Internet address: www.akdelta.hr/grr

E-mail address: qrr@akdelta.hr, ured@akdelta.hr

Contact Person: Mrs. Mirjana Šimek Bilić, +385 91 497 2711, mirjanica.simekica@gmail.com

2.1.3 Officials, functions, and e-mail address

Function	Name and surname	E-mail address	
Chairman Organisation	Vladimir Golub	vladimir.golub@akdelta.hr	
committee			
Clerk of the Course	Mirjana ŠIMEK BILIĆ	mirjanica.simekica@gmail.com	
Deputy CoC	Josip ŠIMEK	josip.simek0301@gmail.com	
	Dražen MESEC	drazen.mesec@zg.t-com.hr	
Assistant Clerk of the Course	Mato ŠEBALJ	Mato.sebalj@akdelta.hr	
Assistant Clerk of the Course	Josip FLORIAN	josip.florian2611@gmail.com	
	lvica TISAJ	ivica.tisaj@akdslogistika.eu	
Secretary of the Event	Zrinka ČEGELJ	ured@akdelta.hr	
Chief of Headqueters	Vesna ČEGELJ	vesna.cegelj@zg.t-com.hr	
Chief of Administrative Checks	Vesna ČEGELJ	vesna.cegelj@zg.t-com.hr	
Chief of the Scrutineers	Boris VODENIK	boris.vodenik@gmail.com	
Chief Medical Officer	doc.dr.sc. Mario ĆUK, dr.med.	mario.cuk@kbc-zagreb.hr	
Chief Timekeeping and Data Processing	Zlatko GROTIĆ	delta.timing@akdelta.hr	
Competitors Relations Officer	Iva ŠIMIĆ	iva.simic01@gmail.com	
Chief of Press center	Majda Lojo	majda.lojo@gmail.com	
	lvan JAKŠIĆ	Ivan0302@gmail.com	
Special Stage Safety Officers	Marko CVITKOVIĆ	markoc79@gmail.com	
	Luka DEVUNIĆ		

2.2. Rally Headquarters, contact details

2.2.1 Address, web paige, e-mail address, phone, fax

AUTOMOBILE CLUB " **DELTA**" **ZAGREB**

Office: HR-10000 Zagreb, Rakovčeva 10

Working hours: from 07:30 till 15:00 and from 18:00 till 20:00 (Wednesday)

From 31th March till 2th April 2023 from 07:30 till 21:00 hours,

Aquatika – slatkovodni akvarij, Ulica Branka Čavlovića Čavleka 1a, 47000 Karlovac, Hrvatska

Internet address: www.akdelta.hr/qrr

www.akdelta.hr

E-mail address: qrr@akdelta.hr

ured@akdelta.hr

Media contact details

AUTOMOBILE CLUB DELTA ZAGREB

Address: Rakovčeva 10, HR-10000 Zagreb

Phone: +385 1 23 66 141 Mobile: +385 91 46 17 892

Fax: +385 1 23 14 122

E-mail address: qrr@akdelta.hr, majda.lojo@gmail.com

Working hours: 07:30 – 15:30 hours and from 18:00 till 20:00 (Wednesday)

Press relations Officer: Majda Lojo, majda.lojo@gmail.com

3. PROGRAM AND CRITICAL DEADLINES

Date		Activity	Location	
Monday, February	Publishing c	of the Supplementary Regulations	www.akdelta.hr/grr:	
20 th	Opening da	11 2	www.haks.hr; www.z-a-s.hr	
Wednesday, March	Pre-event press conference (time 11:00)		Karlovačka županije,	
8 th			Square Matija Gubec 1	
ard			www.akdelta.hr/grr:	
Friday, March 3 rd	Issuing of th	ne Rally Guide	www.haks.hr; www.z-a-s.hr	
Friday, March 17 th	Closing date	e for entries	Headquarters Zagreb	
Date	Time	Activity	Location	
NA la NA la 27th		Dublication of the controlling	www.akdelta.hr/qrr:	
Monday, March 27 th		Publication of the entry list	www.haks.hr; www.z-a-s.hr	
Wednesday, March	11.00		Karlovačka županije,	
29 th	11:00	Pre-event press conference	Square Matija Gubec 1	
	08:00	Opening Service Park	13. srpanj street, Karlovac	
		Issuing of the road book and the		
	00 00 10 00	materials for reconnaissance	Rally HQ	
Friday, March 31st	08:00-19:00	Reconnaissance (see schedule	100	
		App.2)	Itinerary	
	15:00-19:00	Administrative checks	12 amani streat Karlayaa	
	15:30-18:30	Scrutineering	13. srpanj street, Karlovac	
Friday, March 31 st	21:00	First Stewards Meeting	Rally HQ	
	22.00	Publication of the Start list for	Virtual Natice Board	
	22:00	Ceremonial start, Leg 1, Leg 2	Virtual Notice Board	
	07:00-	Po continuoring	Service Park	
	07:30	Re-scrutineering	Service Park	
	09:00-	Shakedown	Novigrad na Dobri	
Saturday, April 1st	12:00	Silakedowii	INOVIGIACINA DOBIT	
	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	
	08:01	Start of Section 2	Service Park	
	19:00	Podium Ceremony and Prize-giving	Stjepan Radić street, Karlovac	
Sunday April 2 nd	19:45	Publication of Provisional Classification	Virtual Notice Board	
Sunday, April 2 nd		Second Stewards Meeting	Rally HQ	
	20:45	Publication of Final Classification	Virtual Notice Board	

4. ENTRY DETAILS

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 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)

4.5 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.

5. SERVICE PARK

5.1 Location of Service Park: 13. srpanj street, Karlovac

Friday	31st March 2023	08:00 - 22:00
Saturday	1 st April 2023	07:00 - 22:00
Sunday	2 nd April 2023	07:00 - 22:00

6. TWO-WAY RADIO

6.1 Application procedure

It is possible to use radio devices and frequencies if you previously acquire the license that is issued by the Croatian telecommunication agency. The application needs to be submitted at least 30 days before the usage and the fee is cca 150 EUR.

6.2 Contact details to person

CROATIAN REGULATORY AUTHORITY FOR NETWORK INDUSTRIES

Ulica Roberta Frangeša Mihanovića 9, 10110 Zagreb

Working full-time administrative office: from 8:30 till 11:30 hours from 12:30 till 15:30 hours

Phone numbers:

Phone: + 385 (0)1 700 70 07 (central) Fax. + 385 (0)1 700 70 70

Public Ralations: radiokomunikacije@hakom.hr

7. TYRES/FUEL

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.

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

7.4 Ordering procedure

There will be no ordering of fuel for this rally.

7.5 Closing date for ordering FIA fuel

There will be no ordering of fuel for this rally.

7.6. 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

8. ACCOMODATIONS

HOTEL Florian & Godler

Banija ul. 15, 47000, Karlovac

• 047 640 138

HOTEL Amarilis***

Vinski Vrh 68C, 47271, Netretić

• 091 610 2277

Hotel Carlstadt ***

Ul. Ambroza Vranyczanya 1, 47000, Karlovac

• 047 611 111

HOTEL Korana Srakovčić****

Perivoj Josipa Vrbanića 8, 47000, Karlovac

• 047 609 090

Hotel Princess ****

Cvetković 85a, 10450, Cvetković

• 01 4653 400

Hotel Europa***

Banija ul. 161, 47000, Karlovac

• 047 609 666

Hotel Vincentinum

Novigrad na Dobri 17, 47250, Novigrad na Dobri

• 098 983 5463

Hotel Frankopan

Petrakovo brdo 23, 47250, Duga Resa • 047 841 027

Hotel Draganić***

Mrzljaki 120 A1, 47201, Draganić

• 047 649 230

Restaurant and Rooms Zeleni kut

Zvečaj 109, 47261, Zvečaj

• 047 866 100

Motel Dobra

Jarče Polje bb, 47250, Duga Resa

• 047 871 229

Mreznicka idila***

Galovic selo 57, 47250, Galović Selo

• 091 234 5484

House Bogović

Ul. Turanjski Poloj 12, 47000, Karlovac

• 098 871 152

Treehouse Resnice**

Cerovac Barlovićki 2, 47252, Barilović

• 098 976

Motel Roganac

Naselje Roganac 48, 47250, Duga Resa

• 047 844 088

Rooms Šu Šu

Ul. Vladimira Nazora 4, 47000, Karlovac

• 098 392 624

Rooms/Sobe Ma La

Brodarci ul. 51, 47000, Karlovac

• 091 212 1253

Rooms/Sobe Žalac

Goljaki Turanjski 75, 47000, Karlovac

• 098 902 3077

Rooms/Sobe Veral-KA

Ul. Stjepana Radića 20, 47000, Karlovac

• 098 937 0478

Mrežnička kuća

Jozefinska ulica 85, 47250, Duga Resa

• 047 819 100

Apartments Šokčić

Ul. Ivana Mažuranića 11-1, 47000, Karlovac

• 098 654 975

Kod mosta

Gornje Pokupje 30, 47286, Mahićno

• 095 857 9449

Rooms/Sobe Kod Bakija

Jelaši ul. 39, 47000, Karlovac • 098 791 267

Rooms/Sobe The Frog

Senjska ul. 63-a, 47000, Karlovac • 091 611 7181

Hostel Eva

Mekušanska cesta 18, 47000, Karlovac • 098 226 641

Hostel & Rooms Žganjer

Jaškovo 51, 47280, Ozalj • 098 303 408

Apartman Jež Karlovac

Ul. Petra Filipca 5, 47000, Karlovac • 091 163 6935

Rooms/Sobe Riverland

47261, Zvečaj • 091 305 6306

Rooms/Sobe Biba

Ul. Antuna Gustava Matoša 7A, 47000, Karlovac • 091 481 8818

Apartmani Kupa

Obala Ivana Trnskog 15, 47000, Karlovac • 098 983 0139

Rooms/Sobe -Spiritus Flumine

Jakovci Netretički, Karlovac • 099 413 6632

Rooms/Sobe Živčić

Logorište ul. 3, 47000, Karlovac • 091 402 0240

Bed and Breakfast Mreznica House DP

Donji Zvecaj 41, 47250, Duga Resa • 098 833 583

Rooms/Sobe Pavlaković

Zajačko Selo 1, 47280, Ozalj • 098 911 1787

Rooms/Sobe Darko Cindrić

Turanj 113, 47000, Karlovac • 091 254 2749

Rooms/Sobe Brig

Mrežnički Brig 81, 47250, Duga Resa • 091 549 5081

Hostel & Rooms Žganjer

Jaškovo 51, 47280, Ozalj • 098 303 408

Rooms/Sobe Karlovac

Turanj 93a, 47106, Karlovac • 097 772 2338

Rooms/Sobe NADA

Rakovac ul. 24, 47000, Karlovac • 047 654 098

Holiday home Martinšćak

Gornji Velemerić 14, 47252, Duga Resa • 095 882 5852

https://visitkarlovac.hr/smjestaj/

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.

Reconnaissance Schedule

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

Friday, March 31st, 2023:

Shakedown	
SSS 1/3 Korana 1/2	
SS 2 Rastoke	00:00 10:00
SS 4/7/10 Kupa Kućer – Vrškovec 1/2/3	08:00 – 19:00
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!

10. SCRUTINEERING

10.1 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.

10.2 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. START PROCEDURES

11.1 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.

11.2 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. MEDIA

12.1 Contacts

Contact Address

Press relations Officer: Majda Lojo, 099 3323840 majda.lojo@gmail.com

AUTOMOBIL CLUB INA DELTA ZAGREB

Address: Rakovčeva 10, HR-10000 Zagreb

Phone: +385 1 23 66 141 Mobile: +385 91 46 17 892

Web site: www.akdelta.hr/qrr E-mail adressess: grrr@akdelta.hr;

12.2 Press centre

Address: Rally Haedquoters, Karlovcu, Aquatika

12.3 Expected media coverage (TV & radio, newspapers, Internet portals)

12.3.1 Television

HRT 1, HRT 2, HRT 4, Sportska televizija, RTL, NOVA, Z-1, TV4x4, Kreator, TV Trend

12.3.2 Radio stations

HR 1; HR 2; NARODNI RADIO; TOTALNI RADIO; OTVORENI RADIO; PLAVI RADIO; RADIO 101; RADIO MARTIN; RADIO STUBICA; RADIO SLJEME; ZAGREBAČKI RADIO; RADIO JASKA; RADIO KAJ,RADIO MREŽNICA,PRVI KARLOVAČKI, TREND RADIO

12.3.3 Internet portals

http://www.akdelta.hr/qrr; http://www.haks.hr/; http://www.automototrend.com.hr/; http://www.brzina.net/; http://www.autosport.hr/; http://www.hrautosport.com/; http://rally.automanija.com/; http://www.z-a-s.hr; http://www.dnevno.hr; https://visitkarlovac.hr/

13. MEDICAL AND SAFETY SERVICES

13.1 EMERGENCY CALLS

Emorgoney calls 104 / 112

13.1.1 Hospitals – Emergency calls 194 and/or 112

Emergency calls 194 / 112			
Zavod za HM Karlovačke županije	Dr. Vlatka Mačeka 48	47000 KARLOVAC	+385 47 804
HOSPITALS			
Opća bolnica Karlovac	Andrije Štampara 3	47000 KARLOVAC	+385 47 608
Dom zdravlja Karlovac	Dr Vlatka Mačeka 48	47000 KARLOVAC	+385 47 411
Dom zdravlja Duga Resa	Bana Josipa Jelačića 4	47250 DUGA RESA	+385 47 841
Dom zdravlja Ozalj	Kolodvorska 2	47280 OZALJ	+385 47 731
Dom zdravlja Slunj	Plitvička 18A	47240 SLUNJ	+385 47 777

13.1.2 Police – Emergency calls 192 and/or 112

POLICE			
Policijska uprava Karlovačka	Trg hrvatskih branitelja	47000 KARLOVAC	+385 47 664
Policijska postaja Karlovac	Dr. Vlatka Mačeka 13	47000 KARLOVAC	+385 47 664
Policijska postaja Duga Resa	Jozefinska cesta 30	47250 DUGA RESA	+385 47 664
Policijska postaja Ozalj	Kurilovac 2	47280 OZALJ	+385 47 664
Policijska postaja Slunj	Trg Franje Tuđmana 13	47240 SLUNJ	+385 47 664

14. LIST OF USEFUL FACTS AND SERVICES

14.1 Climate

The climate of Croatia varies from Mediterranean along the Adriatic coast to continental, inland. The coastal areas have hot, dry summers and rainy winters yet the inland areas are cold in winter and warm in summer. The coast benefits from refreshing winds in the summer and the mountain ranges shield them from bitter winds in the winter. Sea temperatures never fall below 10 degrees in the winter and in August it can be as high as 26 degrees, due to warm currents flowing north up the Adriatic coast. In spring and early summer a

2. QUATTRO RIVER RALLY

sea breeze keeps the temperature down along the coast. This breeze that usually starts around 9am is perfect for sailing. The islands benefit from up to 2715 hours of sunshine a year, the sunniest being Hvar. Winter temperatures range from -1 to 30°C in the continental region, -5 to 0°C in the mountain region and 5 to 10°C in the coastal region. Summer temperatures range from 22 to 26°C in the continental region, 15 to 20°C in the mountain region and 26 to 30 °C in the coastal region. For more information please refer to www.meteo-info.hr.

14.2 Time zone

Zagreb: UTC (Coordinated Universal Time) +1

14.3 Money - EUR

14.4 RESTAURANTS

https://www.gastronaut.hr/restorani/karlovacka-zupanija/karlovac-47000/



CROATIAN	ENGLISH	
Dobro došli	Welcome	
Dobro jutro	Good morning	
,	~	
Dobar dan	Good afternoon	
Dobra večer	Good evening	
Hvala	Thank you	
Molim vas	Please you	
Oprostite	Sorry	
Od kuda ste	Where are you from	
Kako se zovete	What's your name	
Ja se zovem	My name is	
Dobar tek	Good apetite	
Pomozite	Help me	
Ne razumijem	I do not understand	
Kako ste	How are you	
Laku noć	Good night	

MAPS

https://goo.gl/maps/m9mdgJgDxvif1tgx6

SAFETY















