

# raliul CLUJULUI

## STARLUBRICANTS

POWERED BY

**PMA**  
INVEST



PRIMĂRIA ȘI  
CONSILIUL LOCAL  
CLUJ-NAPOCA



CONSILIUL  
JUDEȚEAN  
CLUJ



VISIT CLUJ-NAPOCA  
The Heart of Transylvania



CONSILIUL JUDEȚEAN  
DE SPORTURI CLUJ

7-9 OCTOMBRIE



# ROADBOOK

logitrust

topmarket

PARSA  
— BEAUTY —

Toyota  
Cluj-Napoca

CELOT  
LOGISTICS & TRANSPORT

VIVO!

THE ONLY RALLYING FEDERATION FROM  
**CERT**  
TRANSILVANIA  
MEMBER OF THE EUROPEAN RALLYING FEDERATION

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Emelo  
PULVE

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**CRICOVA**

**A24**  
ASSISTANCE 24

GEROVITAL  
DOCTOR IN FRUMUSETE

Coca-Cola

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Radio  
România  
Cluj

CLUJ-TV

Rally  
max  
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autostiri.ro

autorally

Partener safety:

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FRI RALLY  
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GP24

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fireWeb

2:auto.ro



Campionatul Național de Raliuri Betano 2022

**raliul**  
**CLUJULUI**



PRIMĂRIA ȘI  
CONSILIUL LOCAL  
CLUJ-NAPOCA

**STARLUBRICANTS**



CONSILIUL  
JUDEȚEAN  
CLUJ

POWERED BY  
**PMA**  
INVEST



FEDERAȚIA ROMÂNĂ DE AUTOMOBILISM SPORTIV



MINISTERUL  
SPORTULUI



VIBIT CLUJ-NAPOCA  
The Heart of Transylvania



www.vibitnapoca.ro

Etapa a 8-a • Cluj-Napoca • 7-9 octombrie 2022

# Welcome!

# Bine ați venit!

[raliulclujului.ro](http://raliulclujului.ro)





# HARTA GENERALĂ



ZIUA 1 - 8 OCTOMBRIE

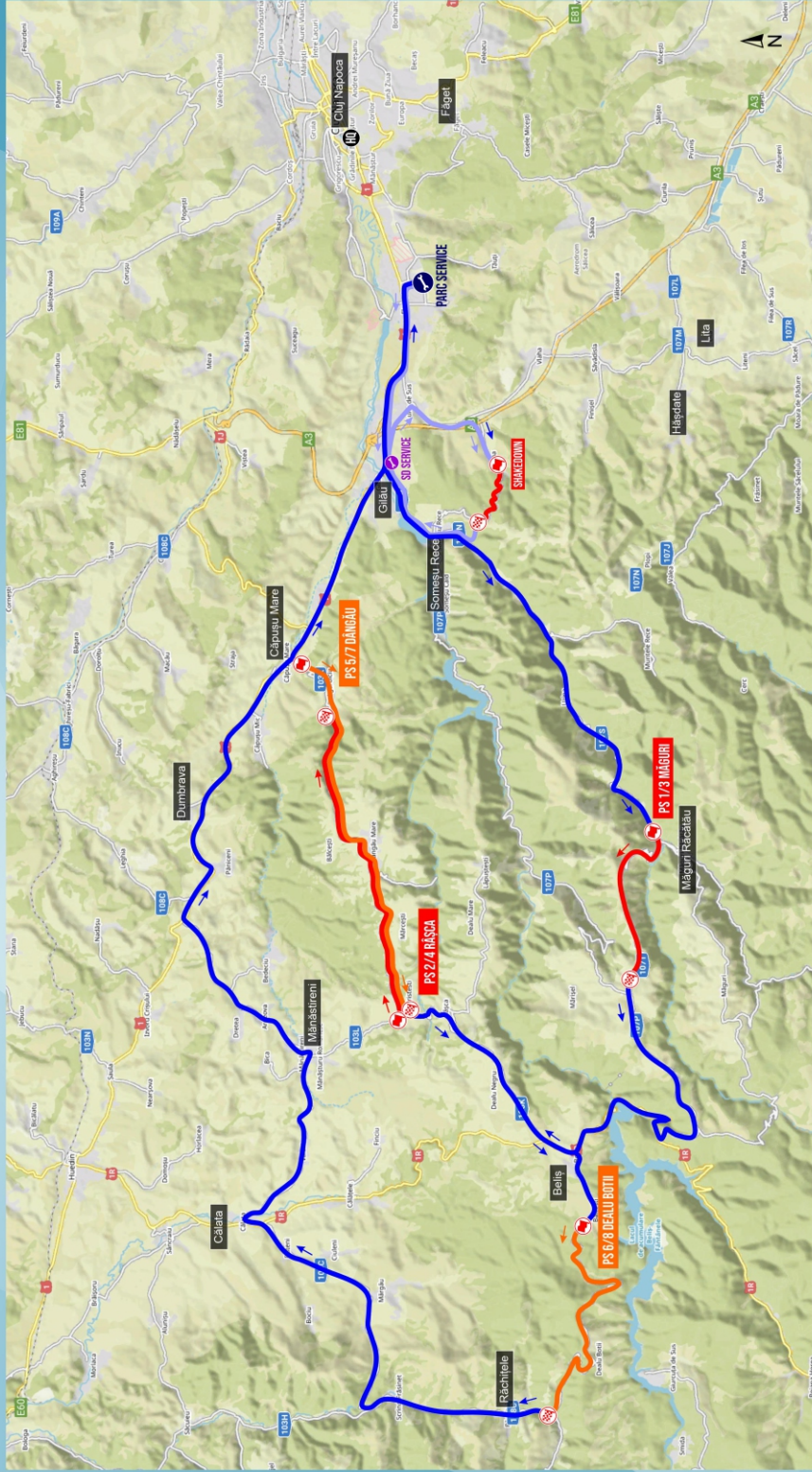
PS 1/3 MĂGURI RĂCĂȚĂU - 9.30 KM

PS 2/4 RĂȘÇA - 18.60 KM

ZIUA 2 - 9 OCTOMBRIE

PS 5/7 DÂNGĂU - 22.30 KM

PS 6/8 DEALU BOTII - 13.30 KM



# PLAN ORAR - ZIUA 1

Start Leg 1 (Sections 1 and 2)						Saturday, 08 October 2022
TC	LOCATION	SS dist.	Liaison dist.	Total dist.	Target Time	First car due
0	Start Leg 1 - Service OUT					12:45
<b>RZ 1</b>	<b>Cluj Napoca - Refuel</b>					
	Distance to next refuel	(27.90)	(83.00)	(110.90)		
1	Maguri Racatau		34.30	34.30	00:45	13:30
<b>SS 1</b>	<b>Maguri Racatau 1</b>	<b>9.30</b>				<b>13:33</b>
2	Manastireni		25.20	34.50	00:40	14:13
<b>SS 2</b>	<b>Râșca 1</b>	<b>18.60</b>				<b>14:16</b>
2A	Regroup A / Technical Zone A IN		23.50	42.10	00:50	15:06
2B	Regroup A / Technical Zone A OUT - Service A IN				00:10	15:16
	<b>Service A</b>	<b>(27.90)</b>	<b>(83.00)</b>	<b>(110.90)</b>	<b>00:30</b>	
2C	Service A OUT					15:46
<b>RZ 2</b>	<b>Cluj Napoca - Refuel</b>					
	Distance to next refuel	(27.90)	(83.00)	(110.90)		
3	Maguri Racatau		34.30	34.30	00:45	16:31
<b>SS 3</b>	<b>Maguri Racatau 2</b>	<b>9.30</b>				<b>16:34</b>
4	Manastireni		25.20	34.50	00:40	17:14
<b>SS 4</b>	<b>Râșca 2</b>	<b>18.60</b>				<b>17:17</b>
4A	Technical Zone B IN		23.50	42.10	00:50	18:07
4B	Technical Zone B OUT - Service B IN				00:03	18:10
	<b>Service B</b>	<b>(27.90)</b>	<b>(83.00)</b>	<b>(110.90)</b>	<b>00:45</b>	
4C	Service B OUT					18:55
4D	Parc ferme IN (early check in permitted)		4.10	4.10	00:15	<b>max</b> 19:10
	<b>SS Totals</b>	<b>55.80</b>	<b>170.10</b>	<b>225.90</b>		
						Sunrise: Cluj Napoca 06:30 Sunset: Cluj Napoca 20:30

Section 1

Section 2

## PLAN ORAR - ZIUA 2

Start Leg 2 (Sections 3 and 4)

Sunday, 09 October 2022

TC	LOCATION	SS dist.	Liaison dist.	Total dist.	Target Time	First car due
4E	Start Leg 2 - Parc Ferme OUT					8:00
4F	Service C IN		4.20	4.20	00:15	8:15
	<b>Service C</b>	<b>(0.00)</b>	<b>(8.30)</b>	<b>(8.30)</b>	<b>00:15</b>	
4G	Service C OUT					8:30
<b>RZ 3</b>	<b>Refuel</b>					
	Distance to next refuel	(35.80)	(101.45)	(137.25)		
5	Dangau		22.00	22.00	00:35	9:05
<b>SS 5</b>	<b>Dangău 1</b>	<b>22.30</b>				<b>9:08</b>
6	Dealul Botii		10.15	32.45	00:45	9:53
<b>SS 6</b>	<b>Dealul Botii 1</b>	<b>13.50</b>				<b>9:56</b>
6A	Regroup C / Technical Zone C IN		69.30	82.80	01:30	11:26
6B	Regroup C / Technical Zone C OUT - Service D IN				00:10	11:36
	<b>Service D</b>	<b>(35.80)</b>	<b>(101.45)</b>	<b>(137.25)</b>	<b>00:30</b>	
6C	Service D OUT					12:06
<b>RZ 4</b>	<b>Refuel</b>					
	Distance to next refuel	(35.80)	(105.55)	(141.35)		
7	Dangau		22.00	22.00	00:35	12:41
<b>SS 7</b>	<b>Dangău 2</b>	<b>22.30</b>				<b>12:44</b>
8	Dealul Botii		10.15	32.45	00:45	13:29
<b>SS 8</b>	<b>Dealul Botii 2</b>	<b>13.50</b>				<b>13:32</b>
8A	Technical Zone D IN (Parc Service)		69.30	82.80	01:30	15:02
8B	Technical Zone D OUT - Service E IN				00:10	15:12
	<b>Service E</b>	<b>(35.80)</b>	<b>(101.45)</b>	<b>(137.25)</b>	<b>00:10</b>	
8C	Service E OUT					15:22
8D	Parc ferme IN - RALLY FINISH		4.10	4.10	00:15	<b>max</b> 15:37

Section 3

Section 4

**SS Totals**

**71.60**

**211.20**

**282.80**

Sunrise: Cluj Napoca 06:30

Sunset: Cluj Napoca 20:30



# 112

poate fi apelat de pe orice telefon fix sau mobil  
pentru alertarea poliției, pompierilor, ambulanței în  
cazul unei situații de urgență.



**RELAȚII CONCURENȚI**  
Competitor Relations Officer (CRO)

**Lăcătuș Mihai**  
**0746 66 88 55**



**Balint Mihaela**  
**0728 38 48 58**

## COMPETITORS SAFETY, ACCIDENT PROCEDURE

### 40.1 EQUIPMENT OF THE CREWS

Whenever a car is in motion on a special stage, the crew must wear homologated crash helmets, all required safety clothing and equipment in compliance with Appendix L Chapter III - Drivers' Equipment as intended by the equipment manufacturer and have their safety belts fastened. Any infringement will be penalised by the clerk of the course who may also refer the matter to the Stewards.

### 40.2 SOS/OK SIGNS

40.2.1 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).

40.2.2 In the case of an accident where urgent medical attention is required, when possible, the red "SOS" sign should be immediately displayed to the following cars and to any helicopter attempting to assist.

40.2.3 Any crew which has the red "SOS" sign 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, shall immediately and without exception stop to render assistance. All following cars shall also stop. The second car at the scene shall proceed to inform the next radio point. Subsequent cars shall leave a clear route for emergency vehicles.

40.2.4 In the case of an accident where immediate medical 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.

40.2.5 If the crew leaves the vehicle, the "OK" sign must be displayed so that it is clearly visible to other competitors.

40.2.6 Any crew which is able but fails to comply with the above rules will be reported to the clerk of the course.

40.2.7 The road book shall contain a page giving the accident procedure.

40.2.8 Any crew retiring from a rally must report such retirement to the organisers as soon as possible, save in a case of force majeure. Any crew failing to comply will be subject to a penalty at the Stewards' discretion.

### 40.3 ACCIDENT REPORTING

If a crew is involved in an accident in which a member of the public sustains physical injury, the procedure as laid down in Art. 40.2.3 must be **followed**.

### 40.4 RED TRIANGLE

40.4.1 Each competing car must carry a red reflective 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 the discretion of the Stewards.

Source: 2015 FIA Regional Rally Sporting Regulations



### 40.1 ECHIPAMENT DE SIGURANȚĂ

Oricând un automobil de competiție se află în mișcare pe o probă specială, echipajul are obligația de a purta căști de protecție omologate, precum și îmbrăcămintea și toate echipamentele specificate în Anexa L, Capitolul III - Echipamente și să aibă fixate centurile de siguranță. Orice abateri vor fi sancționate de către Directorul Sportiv, care poate aduce cazul în atenția Comisarilor Sportivi.

### 40.2 ÎNSEMNE SOS/OK

40.2.1 Fiecare automobil de competiție trebuie să transporte la bord o placă de dimensiuni minime 42 cm x 29,7 cm (A3) cu însemnele "SOS" de culoare roșie, respectiv "OK" de culoare verde, pe verso.

40.2.2 În caz de accident, unde intervenția medicală de urgență este necesară, atunci când este posibil, însemnul "SOS" roșu trebuie afișat imediat, pentru echipajele următoare și elicopterele care intervin pentru asistență.

40.2.3 Orice echipaj căruia i se afișează semnul "SOS", sau care observă un autovehicul de competiție care a suferit un accident major, cu membrii acestui echipaj în interiorul autovehiculului, fără a afișa semnul SOS au obligația de a opri, fără excepție, pentru a acorda asistență. Toate echipajele următoare se vor opri, iar cel de-al doilea sosit va înștiința următorul punct radio de producerea accidentului. Toate autovehiculele sosite la locul accidentului vor fi amplasate astfel încât vehiculele de urgență să poată interveni.

40.2.4 În cazul unui accident unde asistența medicală nu este necesară, semnul OK trebuie afișat clar pentru echipajele următoare și pentru elicopterele sosite pentru a acorda asistență.

40.2.5 Dacă echipajul părăsește autovehiculul, are obligația de a afișa semnul OK, astfel încât să fie văzut de echipajele următoare.

40.2.6 Orice echipaj care are posibilitatea, dar nu se conformează cu cele de mai sus va fi raportat Directorului Sportiv.

40.2.7 RoadBook-ul trebuie să conțină o pagină care detaliază procedura în caz de accident.

40.2.8 Orice echipaj care abandonează are obligația de a informa organizatorul cât mai curând posibil, cu excepția cazurilor de forță majoră. Orice echipaj care nu se conformează va primi o penalizare, la discreția Comisarilor Sportivi.

### 40.3 RAPORTAREA ACCIDENTELOR

Dacă un echipaj este implicat într-un accident soldat cu rănirea unui spectator, procedura descrisă la punctul 40.2.3 trebuie urmată.

### 40.4 TRIUNGHI REFLECTORIZANT

40.4.1 Fiecare automobil de competiție trebuie să transporte la bord un triunghi reflectorizant de culoare roșie, care, în eventualitatea opririi în timpul unei probe speciale, să fie amplasat de un membru al echipajului într-o poziție cât mai vizibilă pentru echipajele următoare, la o distanță de minimum 50 de metri înainte de locul în care se găsește autovehiculul oprit. Orice echipaj care nu se conformează poate primi o penalizare, la discreția Comisarilor Sportivi

Sursa: 2015 FIA Regional Rally Sporting Regulations

## ACCIDENT REPORT

Notă: acest formular se va completa în caz de accident, indiferent dacă sunt implicate persoane sau sunt produse pagube materiale unor terți.

Nume conducător auto:  
Surname of the Driver:

Număr concurs:  
Start Number:

Număr înmatriculare:  
Vehicle registration No:

Data:  
Date:

Ora:  
Time:

Locul accidentului:  
Location:

Detalii persoane implicate:  
Details on any other Party involved

Nume:  
Name:

Adresa:  
Address:

Descriere accident:  
Description of Accident:

Vătămări:  
Nature of any Injuries:

Daune materiale:  
Nature of any Property Damage:

Persoana care completează:  
Delivered by

Nume:  
Name:

Adresa:  
Address:

Loc:  
Place:

Data:  
Date:

Ora:  
Time:

Persoana care primește (oficial):  
Received by:

Oficial:  
Official:

Semnătura:  
Signature:

Loc:  
Place:

Data:  
Date:

Ora:  
Time:

# EMERGENCY NUMBER NUMĂR DE URGENȚĂ

## RALLY EMERGENCY NUMBER

During the Rally an emergency telephone number (SOS) will be available. It can be used by anyone, in case of viewing an accident or of any situation that can be a risk for the safety of the event, personal integrity of competitors or spectators.

## NUMĂRUL DE URGENȚĂ AL RALIULUI



În timpul raliului va fi disponibil un număr de telefon de urgență (SOS). Acesta va putea fi apelat de oricine în cazul în care observă un accident sau a unei situații care implică un risc pentru siguranța probei sau a integrității personale, a concurenților sau a spectatorilor

## EMERGENCY NUMBER RO

# +40 744 390 019



# SIMBOLURI

	Time control Control Orar		Police Poliție
	Special Stage Start Startul Proba Specială	45°42'49.4"N 24°00'05.6"E	Geographical Coordinates Coordonate geografice
	Special Stage Flying Finish Sosirea în Proba Specială		House / Building Casa/ Cladire
	Special Stage Stop Stopul în Proba Specială		Church / Cross Biserica / Troita
	Refueling Area Zona Alimentare		Cimitir/Cemetery
	No Refueling Terminarea Zonei de Alimentare		Direction to follow Directia de urmat
	Tyre Marking Marcare Anvelope		Town / Village Entrance Intrare in localitate
	No Tyre Marking Terminare Marcare Anvelope		Town / Village Exit Iesire in localitate
	SOS Radio		European Road Drum European
	Doctor Medic		Way to follow Directie de urmat
	Ambulance Ambulanță		Way not to follow Directie gresita
	Fire Fighting unit Pompieri		Traffic Light Semafor
	Breakdown Vehicle Masina tractare/remorcare		

# SIMBOLURI

Informatii despre  
proba speciala  
SS Information

Total Km de la CO la CO  
Total from TC to TC

Temp alocat  
Scheduled  
time

CO 1 Parc Service		Distanța / Distance		Ziua: 1 - Vineri	
CO 2 Floresti		42,15 km		Leg: Sectiunea: 2	
		Viteză medie / Speed average		Temp etapă / Time allowed	
		43 kmh		1h 20min	
Distanța / Distance Total	Distance Partial	DIRECȚIE / DIRECTION		INFORMAȚII / INFORMATION	De parcurs To go
1.12	0.20	↑		<del>Satu Mare</del> <del>Zalău</del>	0.97
		(11)	↑		
1.24	0.12	↑			0.85
		(12)	↑		
1.49	0.25	↑			0.60
		(13)	↑	0.20	
1.59	0.10	↑			0.50
		(14)	↑		
1.79	0.20	↑			0.30
		(15)	↑		
0.20		1 - 11		SOS: +40 744 390 019	

1 Număr PS  
SS Number

Delete line  
<200m

Macadam  
Gravel

Km până la  
Sosire  
Km to Stage  
Finish

Asfalt  
Tarmac

Piatra  
cubica  
Cubic  
stone

INTOARCE REPEDE !!  
TURN QUICKLY !!

Distanța următoare  
Next distance

Day 1  
Pag. 11



**Toate benzinăriile întâlnite pe traseul din roadbook sunt considerate ca alimentări opționale permise cu respectarea art 61.3.2/3/4 din regulamentul CNRB 2022.**

**All gas stations located on the roadbook itinerary are accepted as optional refueling zones.**

# PROGRAM RECUNOAȘTERI / RECCE

## CNRB + CNRVIB

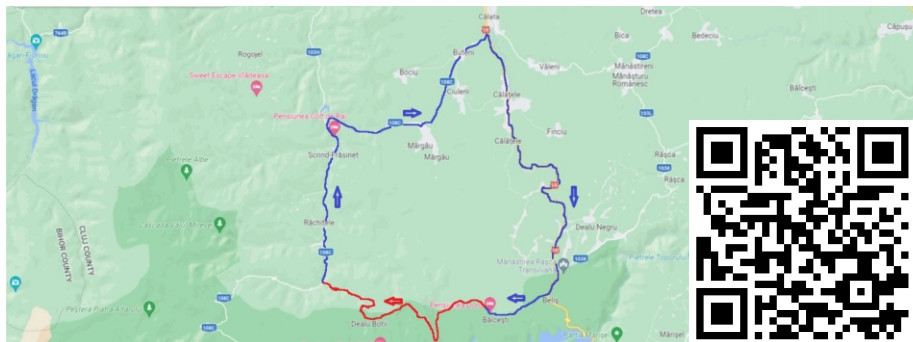
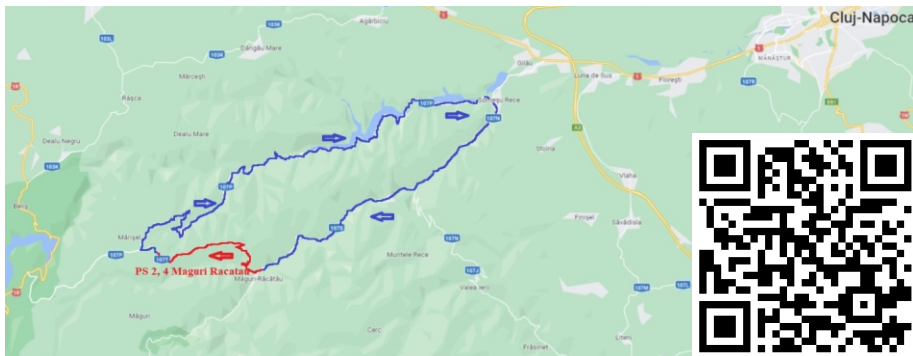
Joi, 06.10.2022	08:00 - 19:00	Colectarea sistemelor de <u>monitorizare</u> GPS <u>pentru recunoașteri</u> (Vivo! Polus Cluj-Napoca)
	13:00 - 20:00	PS 1 / 3 <u>Măguri Răcătău</u> PS 2 / 4 <u>Râșca</u> PS 5 / 7 <u>Dângașu</u> PS 6 / 8 <u>Dealul Botii</u>
<u>Vineri</u> , 07.10.2022	08:00 - 16:00	PS 1 / 3 <u>Măguri Răcătău</u> PS 2 / 4 <u>Râșca</u> PS 5 / 7 <u>Dângașu</u> PS 6 / 8 <u>Dealul Botii</u>

### Maxim 2 treceri

## CNR2B

Joi, 06.10.2022	08:00 - 19:00	Colectarea sistemelor de <u>monitorizare</u> GPS <u>pentru recunoașteri</u> (Vivo! Polus Cluj-Napoca)
	13:00 - 20:00	PS 1 / 3 <u>Dângașu</u> PS 2 / 4 <u>Dealul Botii</u>
<u>Vineri</u> , 07.10.2022	08:00 - 16:00	PS 1 / 3 <u>Dângașu</u> PS 2 / 4 <u>Dealul Botii</u>
<u>Sâmbătă</u> , 08.10.2022	08:00 - 12:30	PS 1 / 3 <u>Dângașu</u>
	08:00 - 20:00	PS 2 / 4 <u>Dealul Botii</u>

### Maxim 3 treceri



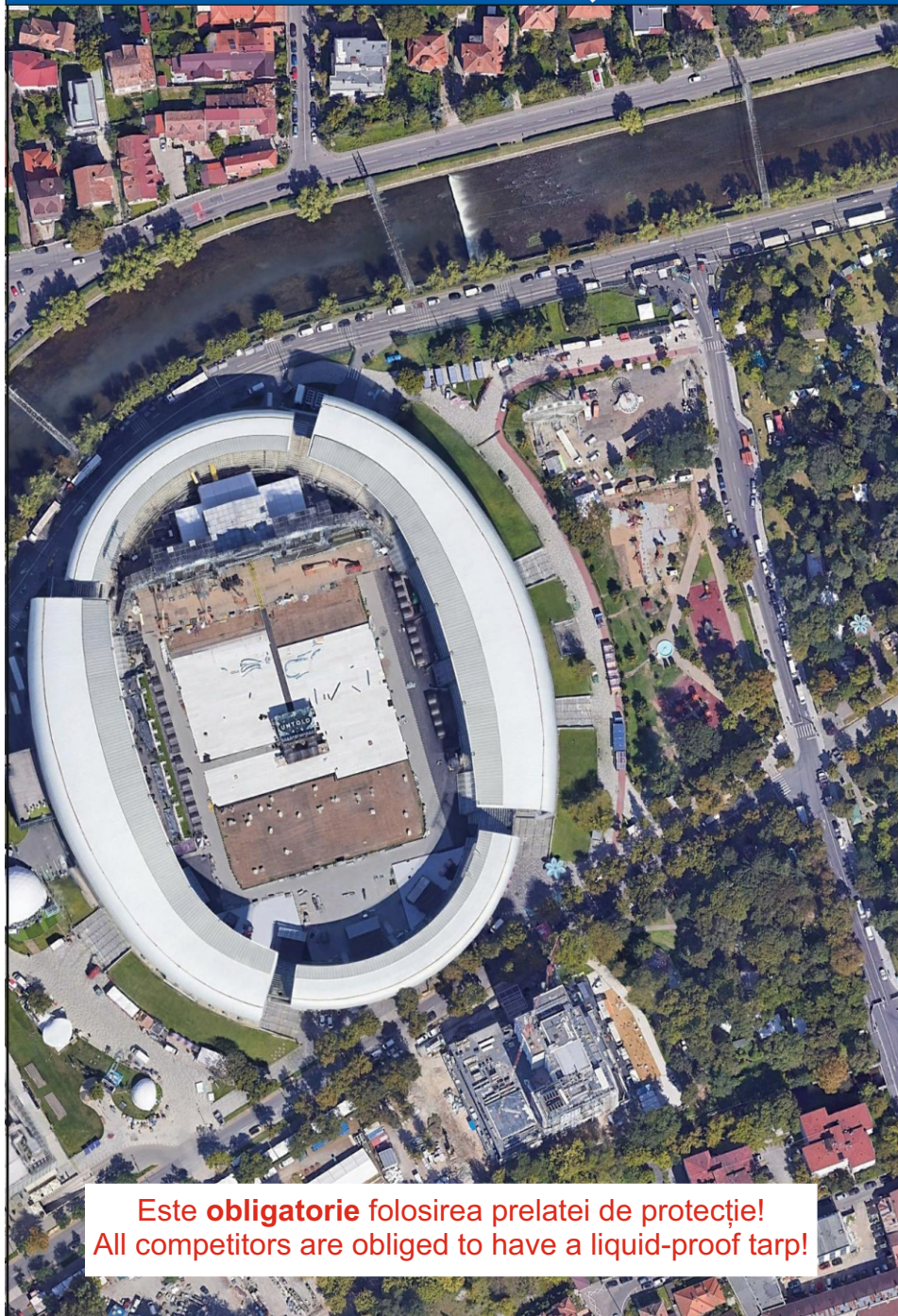
# PARC SERVICE - VIVO!



Este **obligatorie** folosirea prelatei de protecție!  
All competitors are obliged to have a liquid-proof tarp!



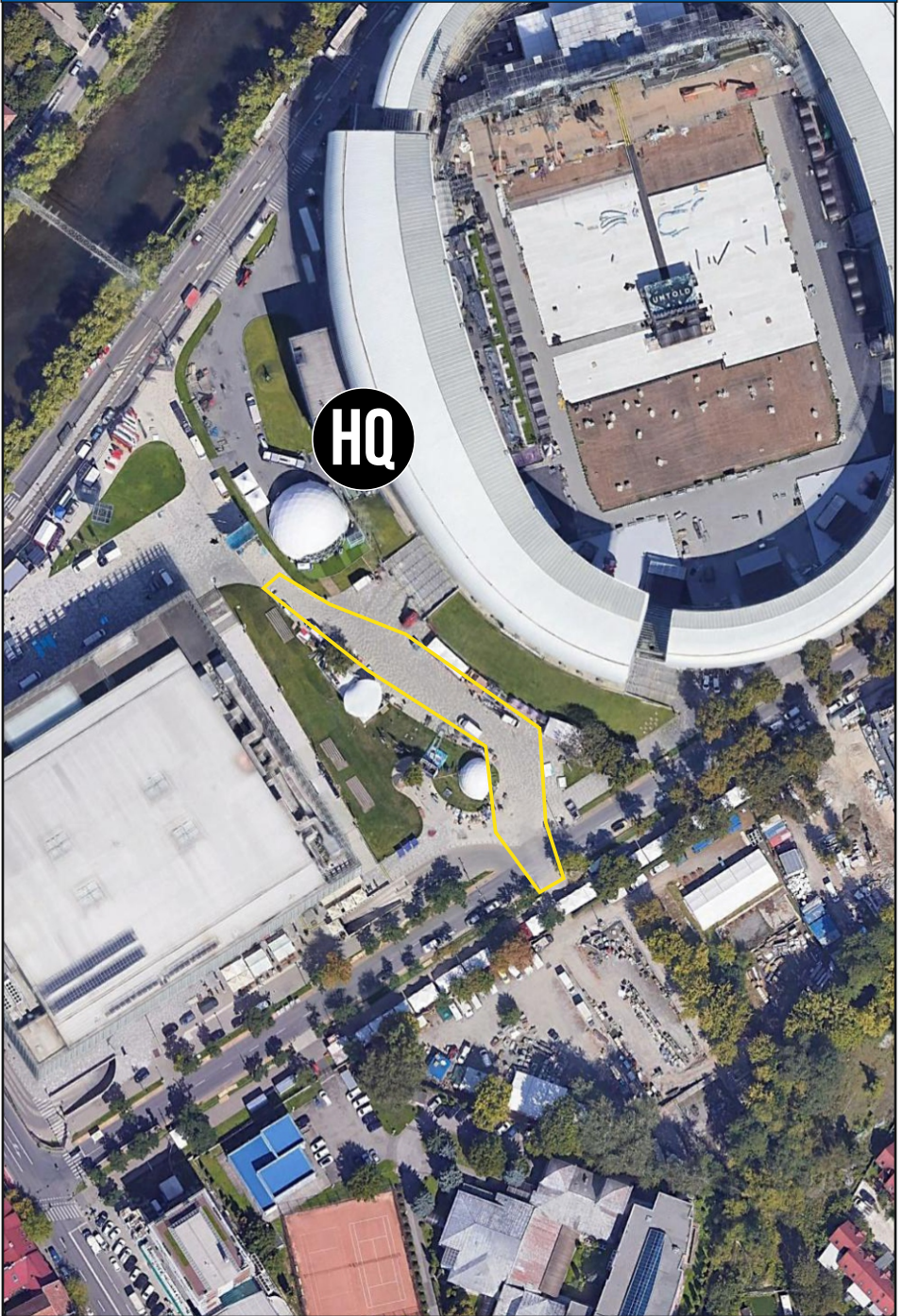
## PARC ÎNCHIS/FERME - CLUJ ARENA



Este **obligatorie** folosirea prelatei de protecție!  
All competitors are obliged to have a liquid-proof tarp!



# START FESTIV

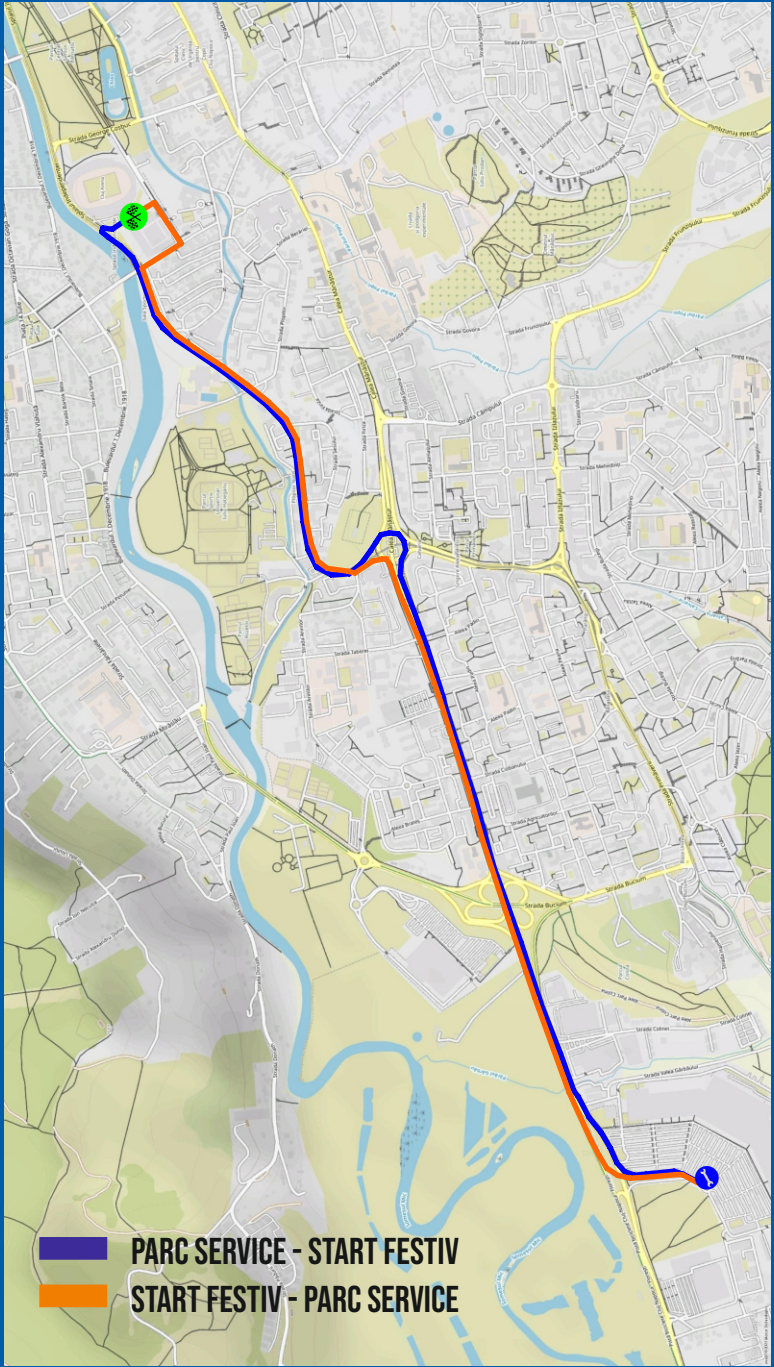


# START FESTIV

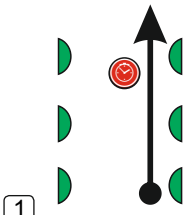
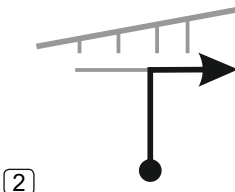
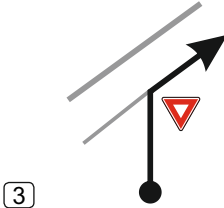
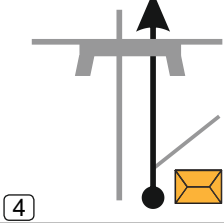

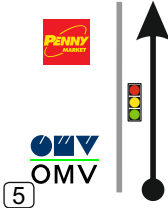

Locație : BT Arena - Cluj Arena

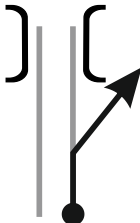
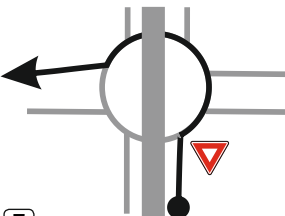
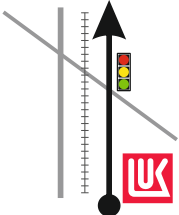

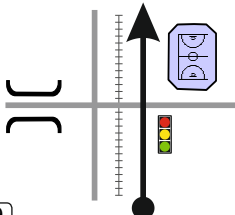


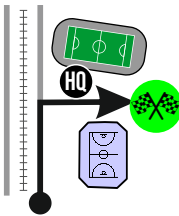


Data : Vineri, 07.10.2022





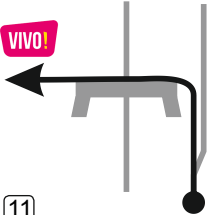


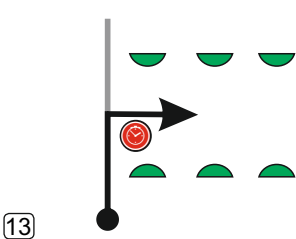
**PARC SERVICE - START FESTIV**  
**START FESTIV - PARC SERVICE**

Distanța / Distance		DIRECȚIE / DIRECTION	INFORMAȚII / INFORMATION	De parcurs / To go
Total	Partial			
<b>Parc Service OUT - VIVO!</b> Start Festiv - BT Arena - Cluj Arena			<b>Distanța / Distance</b> 3,93 km	<b>Ziua: / Leg:</b> <b>Vineri</b> <b>Secțiunea: / Section:</b> <b>0</b>
			<b>Viteză medie / Speed average</b>	<b>Țimp etapă / Time allowed</b>
0.00	0.00	 ①	<b>Parc Service OUT</b> <b>Parcare VIVO!</b>	3.93
0.05	0.05	 ②	PE LÂNGĂ VIADUCT BESIDE THE VIADUCT	3.88
0.15	0.10	 ③	<div style="border: 1px solid blue; padding: 2px; display: inline-block;">str. Avram Iancu</div>	3.78
0.75	0.60	 ④	<div style="border: 1px solid blue; padding: 2px; display: inline-block;">Calea Florești</div>  Autoworld VW PE SUB POD UNDER THE BRIDGE	3.18
1.75	1.00	 ⑤	 <b>ÎNCADREAZĂ-TE PE</b> <b>BANDA DREAPTA</b>  <b>STAY ON THE</b> <b>RIGHT SIDE</b>	2.18
0.30			<b>0 - 20</b>	<div style="background-color: red; color: white; padding: 5px; text-align: center;"><b>SOS: +40 744 390 019</b></div>

Distanța / Distance		Distanța Distance	Ziua: Leg:	Vineri
Start Festiv - BT Arena - Cluj Arena		3,93 km	Secțiunea: Section:	0
		Viteză medie Speed average	Timp etapă Time allowed	
Distanța / Distance Total	Distanța / Distance Partial	DIRECȚIE / DIRECTION	INFORMAȚII / INFORMATION	De parcurs To go
2.05	0.30	 6	DREAPTA ÎNAINTE DE POD  TURN RIGHT BEFORE THE BRIDGE	1.88
2.25	0.20	 7	<b>str. Plopilor</b>  PE SUB POD UNDER THE BRIDGE	1.68
3.25	1.00	 8	 <b>Splaiul Independenței</b>	0.68
3.80	0.55	 9	 BT ARENA	0.13
 3.93	0.13	 10	 <b>START FESTIV</b> Platou BT Arena   CLUJ ARENA STADION	0.00

Start Festiv - BT Arena - Cluj Arena		Distanța Distance	Ziua: Leg:	Vineri	
Parc Service IN - VIVO!		4,50 km	Secțiunea: Section:	0	
		Viteză medie Speed average	Timp etapă Time allowed		
Distanța / Total	Distance Partial	DIRECȚIE / DIRECTION		INFORMAȚII / INFORMATION	De parcurs To go
0.00	0.00			<b>START FESTIV</b>  CLUJ ARENA STADION	4.50
0.30	0.30			 BT ARENA	4.20
0.50	0.20			<div style="border: 1px solid blue; padding: 2px;">Splaiul Independenței</div>	4.00
0.90	0.40			<div style="border: 1px solid blue; padding: 2px;">str. Plopilor</div>	3.60
1.10	0.20			<div style="border: 1px solid blue; padding: 2px;">str. Plopilor</div>	3.40
	0.85				



Start Festiv - BT Arena - Cluj Arena		Distanța <i>Distance</i>	Ziua: <i>Leg:</i>	Vineri
Parc Service IN - VIVO!		4,50 km	Secțiunea: <i>Section:</i>	0
		Viteză medie <i>Speed average</i>	Timp etapă <i>Time allowed</i>	
Distanța / <i>Distance</i> Total	<i>Distance</i> Partial	DIRECȚIE / <i>DIRECTION</i>	INFORMAȚII / <i>INFORMATION</i>	De parcurs <i>To go</i>
3.80	0.10	 11	PESTE VIADUCT OVER THE VIADUCT	0.70
4.35	0.55	 12		0.15
 4.50	0.15	 13	Parc Service IN Parcare VIVO!	0.00
		14		
		15		

## NOTE

## NOTE


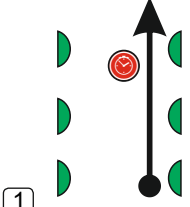
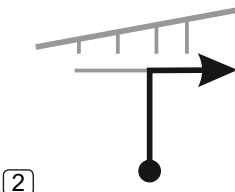
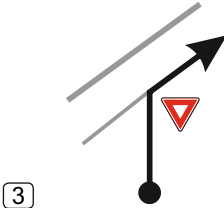
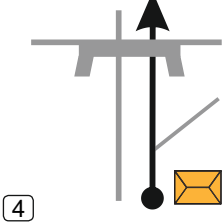

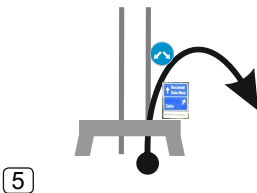



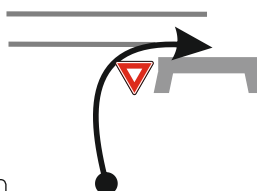
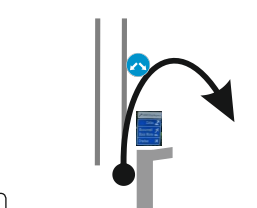

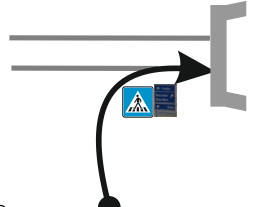

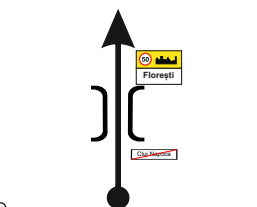


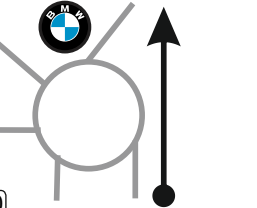
# SHAKEDOWN

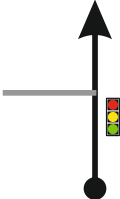
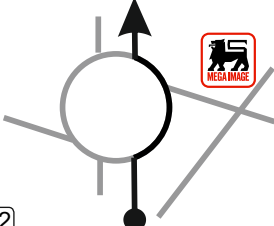







Locație : Stolna

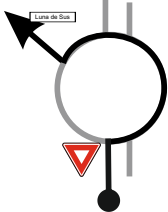

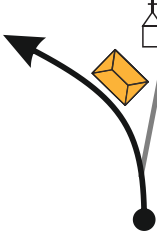

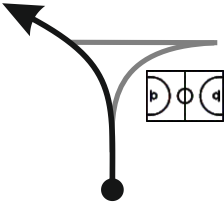
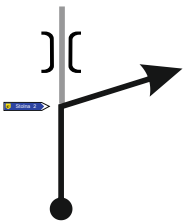


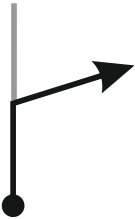


Data : Saturday, 08.10.2022










07:30 – 11:30 - Maxim 4 treceri

Parc service OUT		Distanța <i>Distance</i>		Ziua: <i>Leg:</i>	
Shakedown		16,70 km		<b>Sâmbătă</b>	
		Viteză medie <i>Speed average</i>		Secțiunea: <i>Section:</i>	
				<b>Time allowed</b> <b>25 min</b>	
Distanța Total	<i>Distance</i> Partial	DIRECȚIE / <i>DIRECTION</i>		INFORMAȚII / <i>INFORMATION</i>	
				De parcurs <i>To go</i>	
	0.00	0.00	 ①	<b>Service OUT</b>	16.70
0.05	0.05	 ②	PE LÂNGĂ VIADUCT BESIDE THE VIADUCT	16.65	
0.15	0.10	 ③	str. Avram Iancu	16.55	
0.75	0.60	 ④	Calea Florești ÎNAINTE PE SUB POD GO AHEAD UNDER THE BRIDGE  Autoworld VW	15.95	
1.10	0.35	 ⑤		15.60	
	0.16				

Distanța / Distance		DIRECȚIE / DIRECTION	INFORMAȚII / INFORMATION	De parcurs / To go
Total	Partial			
Parc service OUT			Distanța / Distance 16,70 km	Ziua: <b>Sâmbătă</b> Leg: Secțiunea: Section:
Shakedown			Viteză medie / Speed average	Timp etapă / Time allowed 25 min
1.26	0.16	 6		15.44
1.37	0.11	 7		15.33
1.49	0.12	 8	 Calea Florești	15.21
2.10	0.61	 9	  <del>Cluj-Napoca</del>	14.60
3.50	1.40	 10	TINE BANDA DREAPTA  KEEP THE RIGHT LANE	13.20
1.80				

Distanța / Distance		DIRECȚIE / DIRECTION	INFORMAȚII / INFORMATION	De parcurs To go
Total	Partial			
Parc service OUT				
Shakedown				
			Viteză medie Speed average	De parcurs Time allowed
				25 min
Distanța / Distance		DIRECȚIE / DIRECTION	INFORMAȚII / INFORMATION	De parcurs To go
Total	Partial			
5.30	1.80	 <span>(11)</span>		11.40
6.10	0.80	 <span>(12)</span>		10.60
7.70	1.60	 <span>(13)</span>	 <b>Florești</b>	9.00
8.10	0.40	 <span>(14)</span>		8.60
8.30	0.20	 <span>(15)</span>		8.40
0.30				

Parc service OUT		Distanța <i>Distance</i>		Ziua: <i>Leg:</i> <b>Sâmbătă</b>	
Shakedown		16,70 km		Secțiunea: <i>Section:</i>	
		Viteză medie <i>Speed average</i>		Timp etapă <i>Time allowed</i> 25 min	
Distanța Total	Distance Partial	DIRECȚIE / DIRECTION		INFORMAȚII / INFORMATION	De parcurs <i>To go</i>
8.60	0.30			 <div style="border: 1px solid black; padding: 5px; display: inline-block;">Luna de Sus</div>	8.10
10.10	1.50			 Școală	6.60
10.30	0.20			Teren Sport	6.40
13.20	2.90			 <b>Stolna 2</b>  Atenție, lucrări! Attention, the road is being worked on	3.50
15.90	2.70			 	0.80
	0.80				

Parc service OUT		Distanța <i>Distance</i>		Ziua: <i>Leg:</i>	
Shakedown		16,70 km		<b>Sâmbătă</b>	
		Viteză medie <i>Speed average</i>		Secțiunea: <i>Section:</i>	
				Time allowed 25 min	
Distanța Total	Distance Partial	DIRECȚIE / DIRECTION		INFORMAȚII / INFORMATION	De parcurs <i>To go</i>
 16.70	0.80	 21		<b>CO SHAKEDOWN</b>	0.00
	(0.20)	 22		<b>START SHAKEDOWN</b>	
		 23			
		 24			
		 25			

# SHAKEDOWN - 5 KM

Calendarul Național de Biatlon București 2022

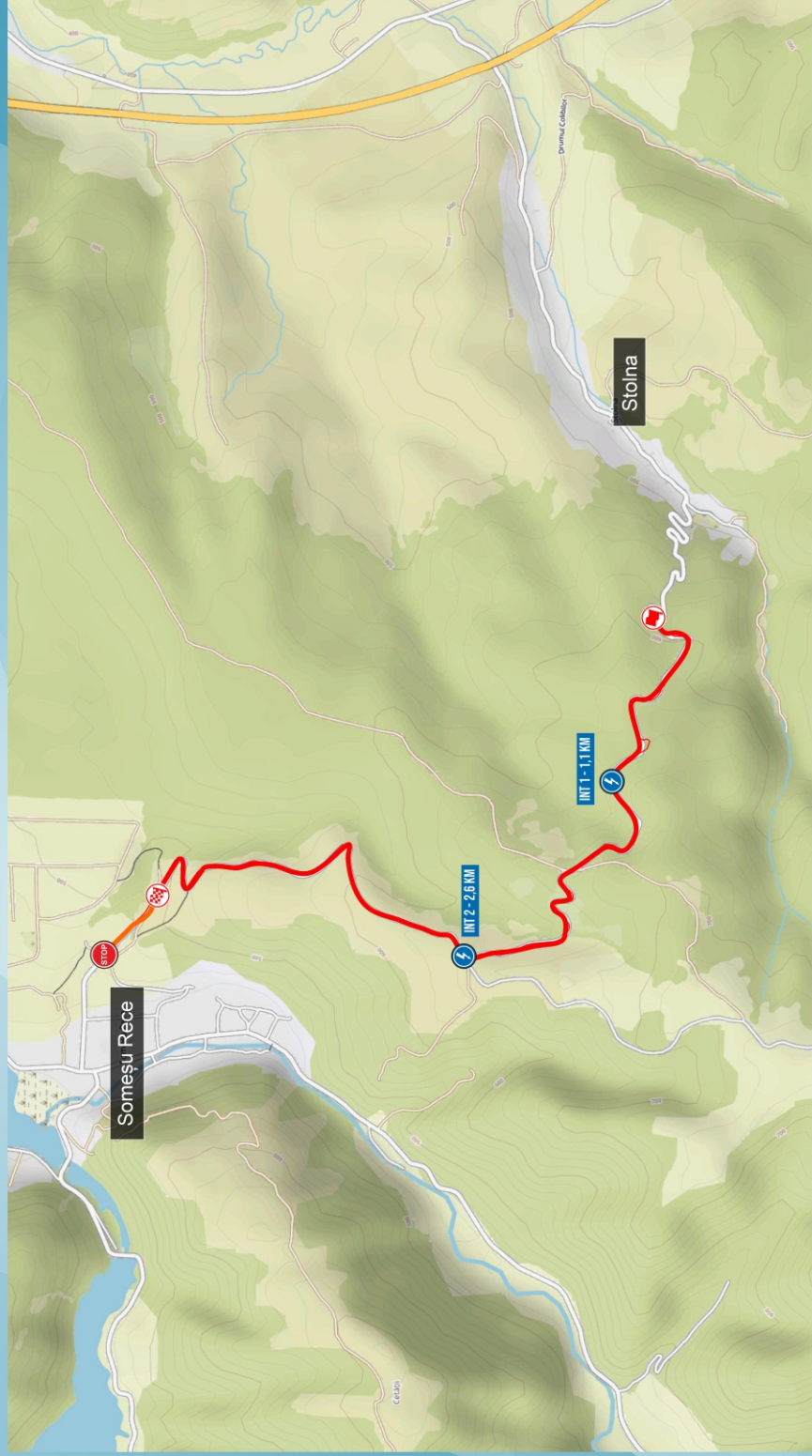
**celjul**  
**celjulului**

STARLUBRICANTS

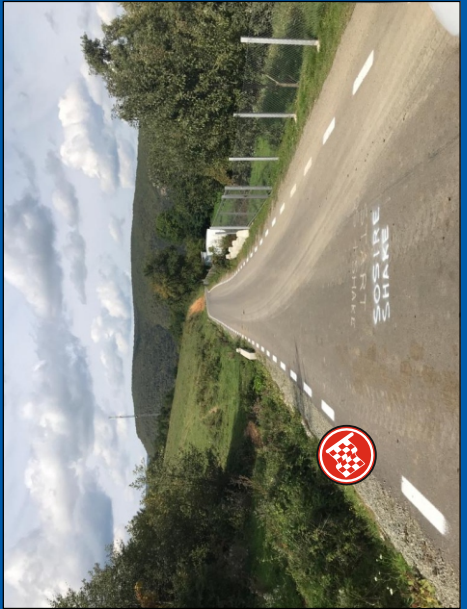
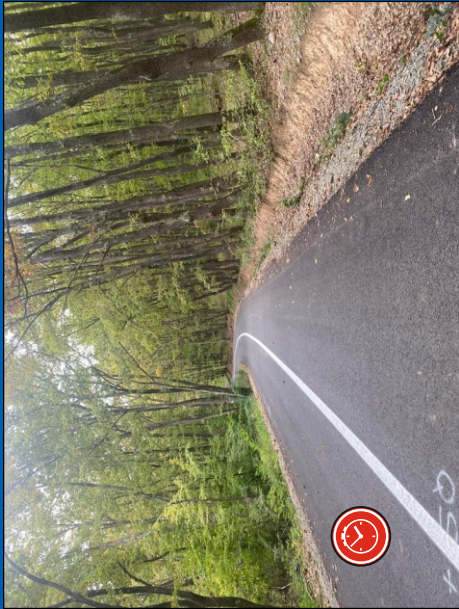
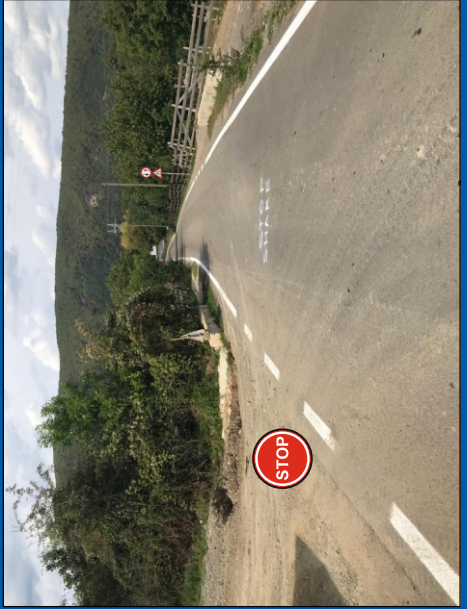
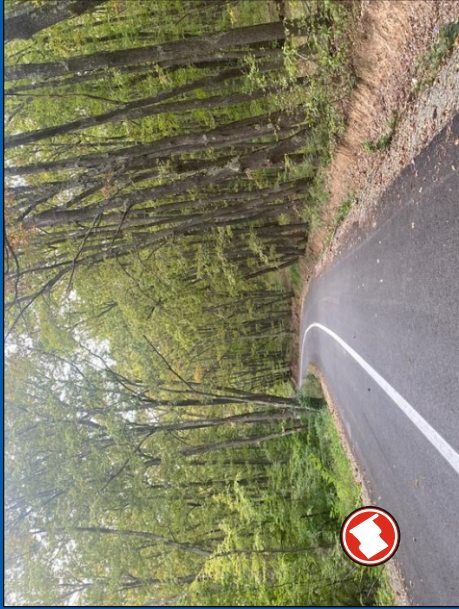
ANX BE TAWO

FRAS


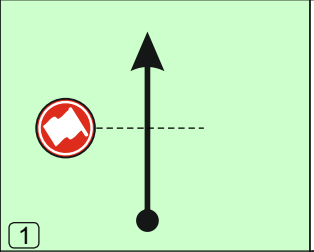

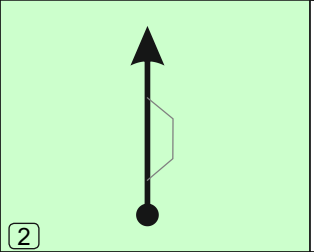
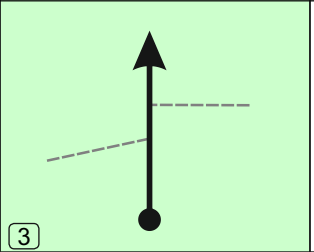


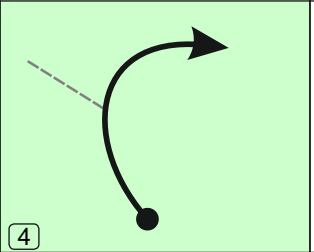

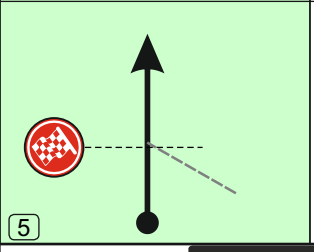
Etapa a 8-a • Călugăreasa • 7-9 octombrie 2022





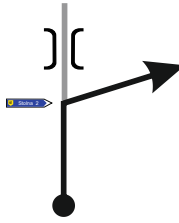


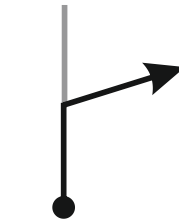



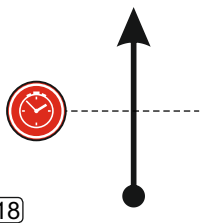

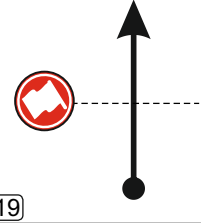





START Shakedown		Distanța <i>Distance</i>	Ziua: <i>Leg:</i>	
CO Shakedown		18,70 km	<b>Sâmbătă</b>	
Shakedown 5,00 km		Viteză medie <i>Speed average</i>	Țimp etapă <i>Time allowed</i>	
Distanța Total	Distance Partial	DIRECȚIE / DIRECTION	INFORMAȚII / INFORMATION	De parcurs <i>To go</i>
	0.00		<b>START</b>  N 46.710155 E 23.388477	18.70
	1.10		<b>INTER 1</b>	17.60
1.70	0.60			17.00
	2.60		<b>INTER 2</b>	16.10
	4.60			14.10
	0.40			

START Shakedown		Distanța / Distance		Ziua: <b>Sâmbătă</b>	
CO Shakedown		18,70 km		Leg: <b>Secțiunea:</b>	
Shakedown <b>5,00 km</b>		Viteză medie / Speed average		Timp etapă / Time allowed	
Distanța Total	Distance Partial	DIRECȚIE / DIRECTION		INFORMAȚII / INFORMATION	De parcurs / To go
5.00	0.40	 6			13.70
5.55	0.55	 7			13.15
6.30	0.75	 8			12.40
7.40	1.10	 9			11.30
9.20	1.80	 10			9.50
	1.20				

START Shakedown		Distanța / Distance		Ziua: <b>Sâmbătă</b>	
CO Shakedown		18,70 km		Leg: <b>Secțiunea:</b>	
Shakedown <b>5,00 km</b>		Viteză medie / Speed average		Timp etapă / Time allowed	
Distanța Total	Distance Partial	DIRECȚIE / DIRECTION		INFORMAȚII / INFORMATION	De parcurs / To go
10.40	1.20	 11		<b>Service Shakedown TH TRUCKS</b>  Parc Service VIVO!	8.30
11.20	0.80	 12		 <b>Luna de Sus</b>	7.50
12.00	0.80	 13			6.70
12.20	0.20	 14			6.50
12.30	0.10	 15		Teren Sport	6.40
2.90					

Distanța / Distance		DIRECȚIE / DIRECTION		INFORMAȚII / INFORMATION		De parcurs / To go	
START Shakedown				Distanța / Distance		Ziua: Sâmbătă	
CO Shakedown				18,70 km		Leg: Secțiunea: Section:	
Shakedown 5,00 km				Viteză medie / Speed average		Timp etapă / Time allowed	
Distanța Total	Distance Partial	DIRECȚIE / DIRECTION		INFORMAȚII / INFORMATION		De parcurs / To go	
15.20	2.90			  Atenție, lucrări! Attention, the road is being worked on		3.50	
17.90	2.70			 		0.80	
 18.70	0.80			CO SHAKEDOWN		0.00	
 (0.20)	(0.20)			START SHAKEDOWN			
							

# **ZIUA / DAY 1**

# **SÂMBĂTĂ / SATURDAY**

**Sections 1 & 2**

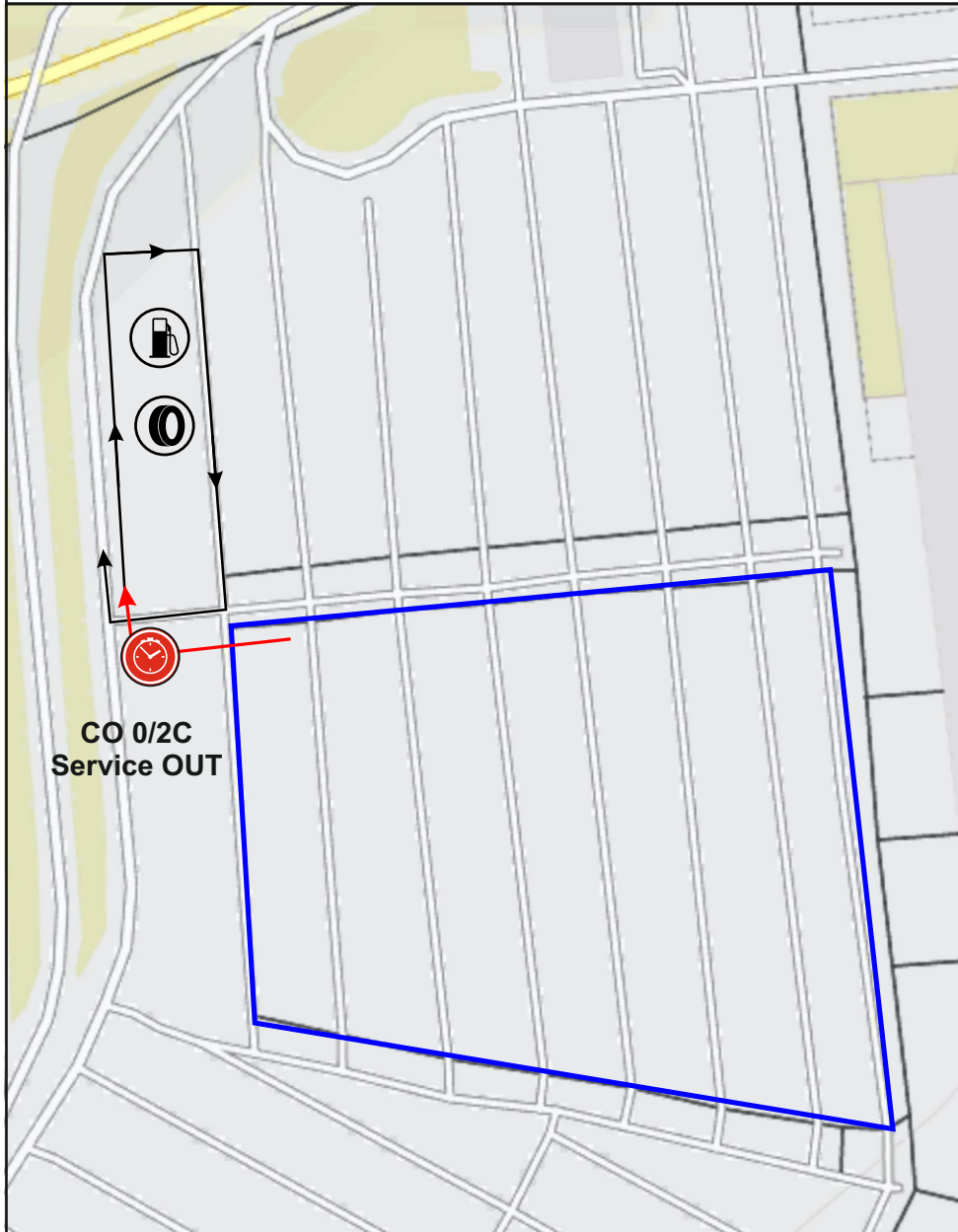
**Atenție, roadbook comun pentru secțiunile 1 și 2**

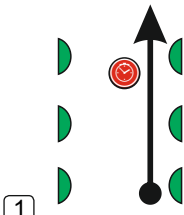


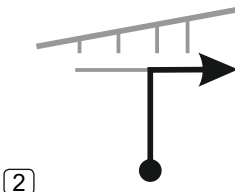
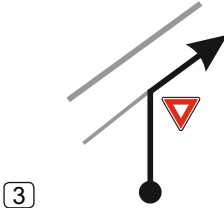
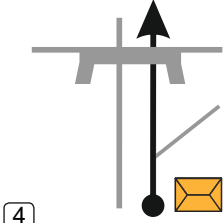

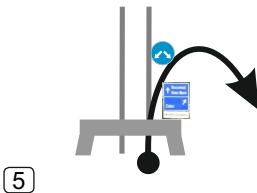

**Note, same roadbook for sections 1 and 2**



	<b>Distanța</b> <i>Distance</i>	<b>Ziua:</b> <i>Leg:</i>
		<b>Secțiunea:</b> <i>Section:</i>
<b>Refueling &amp; Tyres</b>	<b>Viteză medie</b> <i>Speed average</i>	<b>Țimp etapă</b> <i>Time allowed</i>

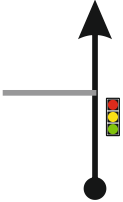
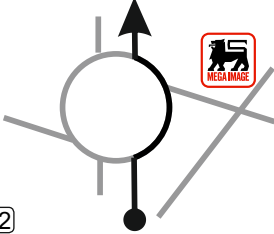






<b>Distanța / Distance</b> <b>Total</b>	<b>DIRECȚIE / DIRECTION</b>	<b>INFORMAȚII / INFORMATION</b>	<b>De parcurs</b> <i>To go</i>
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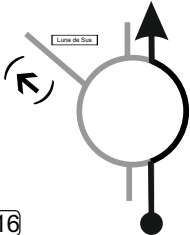

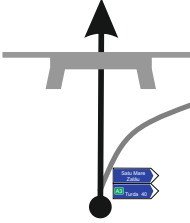

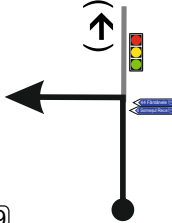




Distanța / Distance		DIRECȚIE / DIRECTION		INFORMAȚII / INFORMATION		De parcurs / To go	
CO 0/2C SERVICE OUT				Distanța / Distance		Ziua: / Leg: <b>1-Saturday</b>	
CO 1/3 Măguri Răcățău				34,30 km		Secțiunea: / Section: <b>1/2</b>	
				Viteză medie / Speed average		Timp etapă / Time allowed	
				45,73 kmh		45 min	
Distanța Total	Distance Partial	DIRECȚIE / DIRECTION		INFORMAȚII / INFORMATION		De parcurs / To go	
0.00	0.00	 ①		<b>CO 0/2C Service OUT</b>  		34.30	
0.05	0.05	 ②		PE LÂNGĂ VIADUCT BESIDE THE VIADUCT		34.25	
0.15	0.10	 ③		<div style="border: 1px solid blue; padding: 2px; display: inline-block;">str. Avram Iancu</div>		34.15	
0.75	0.60	 ④		<div style="border: 1px solid blue; padding: 2px; display: inline-block;">Calea Florești</div> ÎNAINTE PE SUB POD GO AHEAD UNDER THE BRIDGE  Autoworld VW		33.55	
1.10	0.35	 ⑤				33.20	
0.16							

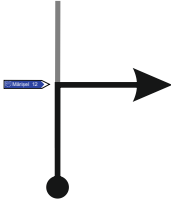


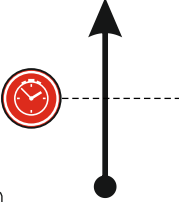

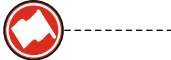


Distanța / Distance		DIRECȚIE / DIRECTION	INFORMAȚII / INFORMATION	De parcurs / To go
CO 0/2C SERVICE OUT			Distanța / Distance 34,30 km	Ziua: <b>1-Saturday</b> Leg: Secțiunea: <b>1/2</b> Section:
CO 1/3 Măguri Răcățău			Viteză medie / Speed average 45,73 kmh	Timp etapă / Time allowed 45 min
Distanța Total	Distance Partial	DIRECȚIE / DIRECTION	INFORMAȚII / INFORMATION	De parcurs / To go
1.26	0.16	 6		33.04
1.37	0.11	 7		32.93
1.49	0.12	 8	 <b>Calea Florești</b>	32.81
2.10	0.61	 9	  <b>Florești</b> <del>Cluj Napoca</del>	32.20
3.50	1.40	 10	TINE BANDA DREAPTA  KEEP THE RIGHT LANE	30.80
1.80				

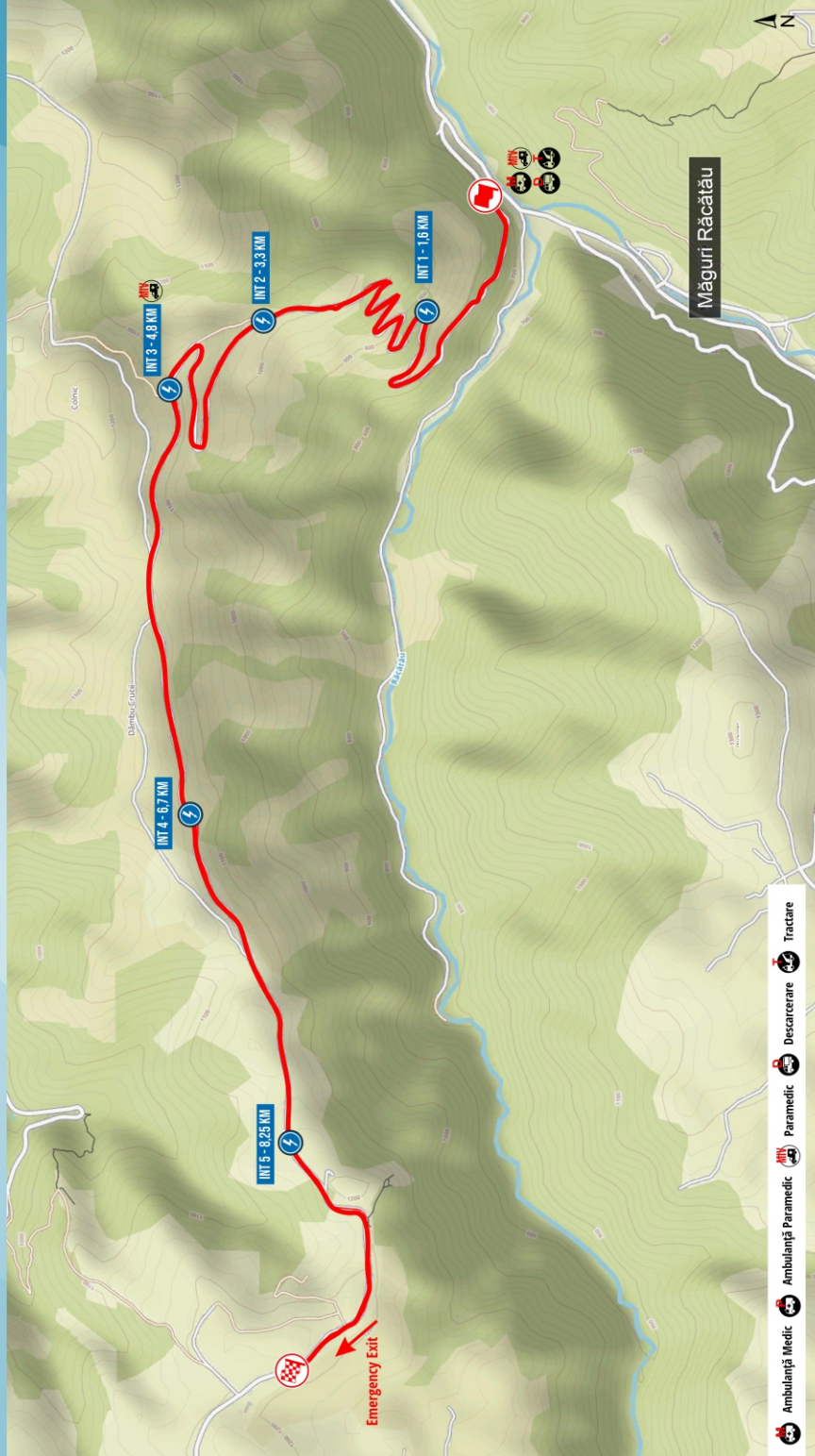
Distanța / Distance		DIRECȚIE / DIRECTION		INFORMAȚII / INFORMATION		De parcurs / To go	
CO 0/2C SERVICE OUT				Distanța / Distance		Ziua: <b>1-Saturday</b>	
CO 1/3 Măguri Răcățău				34,30 km		Leg: <b>1/2</b>	
				Viteză medie / Speed average		Secțiunea: <b>1/2</b>	
				45,73 kmh		Section: <b>1/2</b>	
				Timp etapă / Time allowed		45 min	
Distanța Total	Distance Partial	DIRECȚIE / DIRECTION		INFORMAȚII / INFORMATION		De parcurs / To go	
5.30	1.80	 (11)				29.00	
6.10	0.80	 (12)				28.20	
7.70	1.60	 (13)				26.60	
8.10	0.40	 (14)				26.20	
8.30	0.20	 (15)				26.00	
0.30							

Distanța / Distance		DIRECȚIE / DIRECTION	INFORMAȚII / INFORMATION	De parcurs / To go
Total	Partial			
CO 0/2C SERVICE OUT			Distanța / Distance 34,30 km	Ziua: <b>1-Saturday</b> Leg: Secțiunea: <b>1/2</b> Section:
CO 1/3 Măguri Răcățău			Viteză medie / Speed average 45,73 kmh	Timp etapă / Time allowed 45 min
8.60	0.30	 16	<div style="border: 1px solid black; padding: 5px; display: inline-block;">Luna de Sus</div>   Shakedown	25.70
10.80	2.20	 17	<div style="border: 1px solid black; padding: 5px; display: inline-block;">Satu Mare Zalău</div> <div style="border: 1px solid black; padding: 5px; display: inline-block;">A3 Turda 40</div>	23.50
11.50	0.70	 18	<div style="border: 1px solid black; padding: 5px; display: inline-block;">50</div> <div style="border: 1px solid black; padding: 5px; display: inline-block;">Gilău</div>	22.80
12.95	1.45	 19	<div style="border: 1px solid black; padding: 5px; display: inline-block;">44 Fântânele 107P</div> <div style="border: 1px solid black; padding: 5px; display: inline-block;">4 Someșul Rece 107P</div>   PS 5 / 7 (Ziua 2)	21.35
16.00	3.05	 20	<div style="border: 1px solid black; padding: 5px; display: inline-block;">50</div> <div style="border: 1px solid black; padding: 5px; display: inline-block;">Someșul Rece</div>	18.30
	0.60			

Distanța / Distance		DIRECȚIE / DIRECTION		INFORMAȚII / INFORMATION		De parcurs / To go	
CO 0/2C SERVICE OUT				Distanța / Distance		Ziua: <b>1-Saturday</b> Leg: <b>1/2</b>	
CO 1/3 Măguri Răcățău				34,30 km		Secțiunea: <b>1/2</b> Section:	
				Viteză medie / Speed average		Timp etapă / Time allowed	
				45,73 kmh		45 min	
Distanța Total	Distance Partial	DIRECȚIE / DIRECTION		INFORMAȚII / INFORMATION		De parcurs / To go	
16.60	0.60	 <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">21</span>		 Shakedown		17.70	
16.70	0.10	 <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">22</span>		 La Doi Pași		17.60	
17.80	1.10	 <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">23</span>		 <del>Soneșul Rece</del>		16.50	
25.00	7.20	 <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">24</span>		 Uzina		9.30	
32.50	7.50	 <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">25</span>		 Măguri Răcățău		1.80	
1.60							

CO 0/2C SERVICE OUT		Distanța Distance		Ziua: Leg: <b>1-Saturday</b>
CO 1/3 Măguri Răcățău		34,30 km		Secțiunea: Section: <b>1/2</b>
		Viteză medie Speed average		Timp etapă Time allowed
		45,73 kmh		45 min
Distanța Total	Distance Partial	DIRECȚIE / DIRECTION	INFORMAȚII / INFORMATION	De parcurs To go
34.10	1.60	 <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">26</span>		0.20
 34.30	0.20	 <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">27</span>	CO 1 / 3	0.00
 (0.20)		 <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">28</span>	START PS 1 / 3	
		<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">29</span>		
		<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">30</span>		

# PS 1/3 MĂGURI RĂCĂTĂU - 9,30 KM



- Ambulanță Medic
- Ambulanță Paramedic
- Paramedic
- Descarcerare
- Tractare









## ANTICUT

KM	STANGA	DREAPTA
0,00		
0,10		
0,20		
0,40		
0,50		 
0,60		
0,80		
1,00		
1,20		
1,40		
1,60		
1,90		
2,00		
2,40		
2,55		
2,70		
4,50		
5,00		
6,70		
6,70		
7,40		
8,60		
8,60		


















Anticut


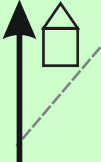


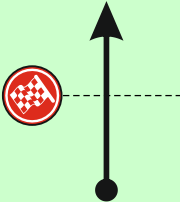

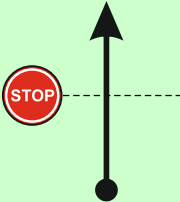
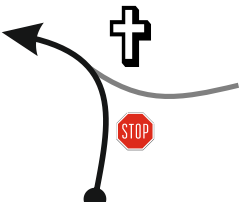


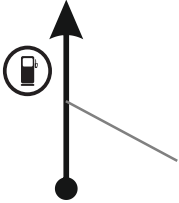




Balot paie



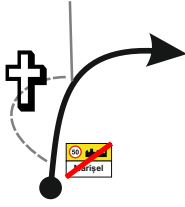

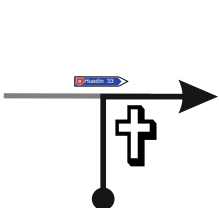


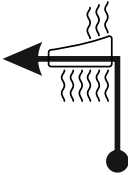
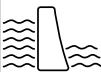
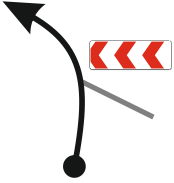

Cauciucuri


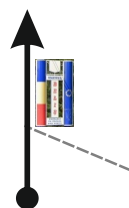

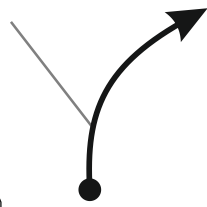
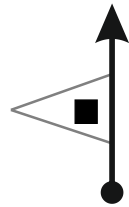

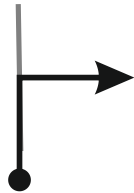
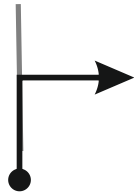
Distanța / Distance		Ziua: <b>1-Saturday</b> Leg:					
CO 1/3 Măguri Răcătău		34,50 km					
CO 2/4 Mănăstireni		Secțiunea: <b>1/2</b> Section:					
PS 1/3 Măguri Răcătău 9,30km		Viteză medie Speed average 51,75 kmh					
Distanța Total / Distance Partial		DIRECȚIE / DIRECTION		INFORMAȚII / INFORMATION		De parcurs To go	
<b>1</b> <b>3</b>		0.00	0.00	 ↑ ● ①	9.30	<b>START</b> <b>PS 1 / 3</b>     N 46.652100 E 23.199112	34.50
		1.60	1.60	↙ ● ②	46.6541181 23.1925060 7.70	 <b>INTER 1</b>	32.90
		3.30	1.70	↑ ● ③	46.6609551 23.1915700 6.00	 <b>INTER 2</b>	31.20
		4.80	1.50	↖  ↑ ● ④	46.6648291 23.1875990 4.50	 <b>INTER 3</b>	29.70
		6.80	2.00	↘ ● ⑤	46.6637611 23.1628740 2.50	 <b>INTER 4</b>	27.70
	1.60						

Distanța / Distance		DIRECȚIE / DIRECTION		INFORMAȚII / INFORMATION		De parcurs / To go	
CO 1/3 Măguri Răcățau				Distanța / Distance		Ziua: <b>1-Saturday</b> Leg:	
CO 2/4 Mănăstireni				34,50 km		Secțiunea: <b>1/2</b> Section:	
<b>PS 1/3 Măguri Răcățau 9,30km</b>				Viteză medie / Speed average		Timp etapă / Time allowed	
				51,75 kmh		40 min	
Distanța Total	Distance Partial	DIRECȚIE / DIRECTION		INFORMAȚII / INFORMATION		De parcurs / To go	
							
8.40	1.60	N 46.6599161 E 23.1434360		<b>INTER 5</b>		26.10	
				<b>SOSIRE PS 1/3</b>		25.20	
9.30	0.90						
				<b>STOP PS 1/3</b>		24.90	
9.60	0.30	N 46.6599351 E 23.1300290					
						23.60	
10.90	1.30			 Troita			
						21.30	
13.20	2.30						
							
1.90							

1

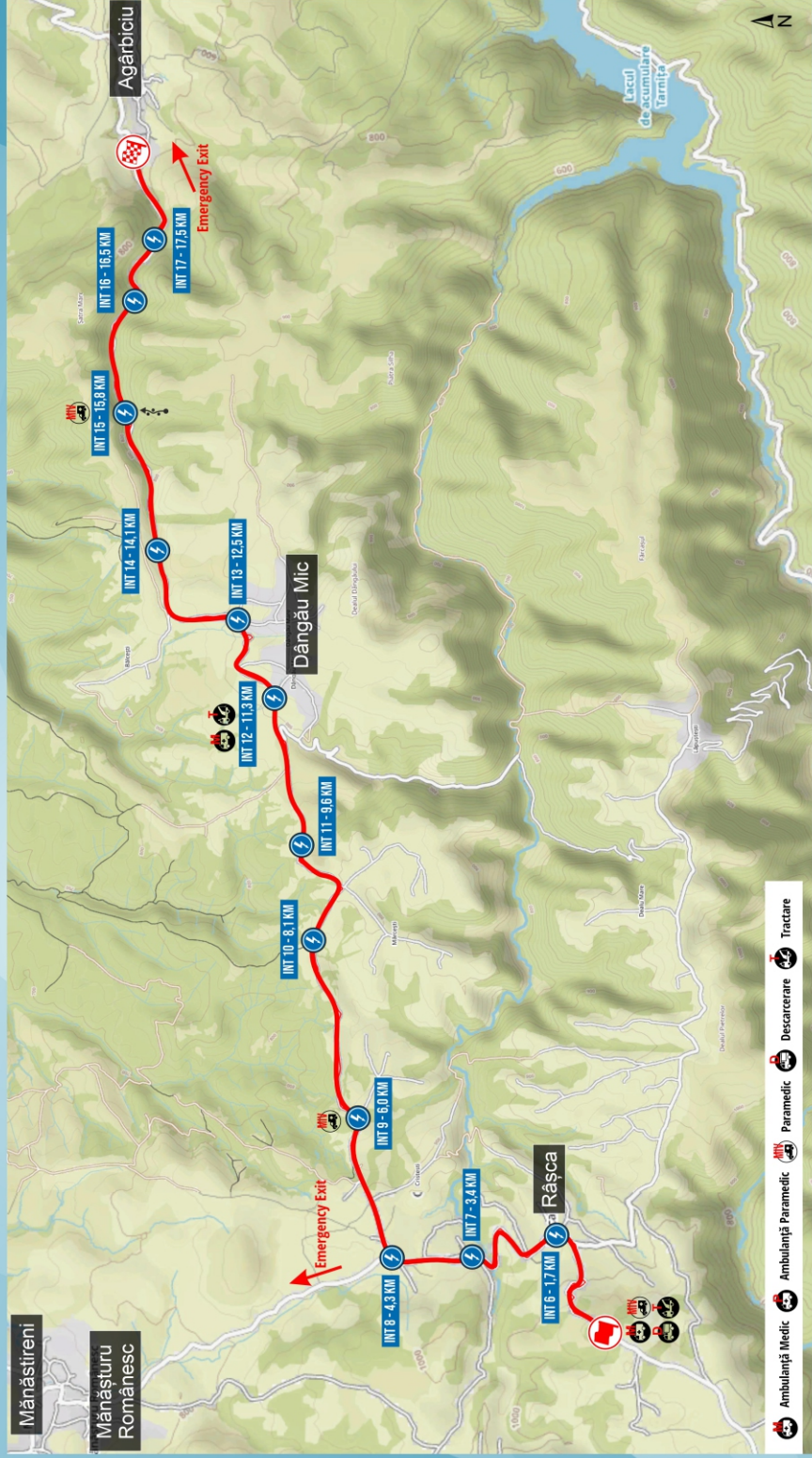
3

Distanța / Distance		DIRECȚIE / DIRECTION	INFORMAȚII / INFORMATION	De parcurs / To go
CO 1/3 Măguri Răcățau			Distanța / Distance: 34,50 km	Ziua: <b>1-Saturday</b> Leg: <b>1/2</b>
CO 2/4 Mănăstireni			Viteză medie / Speed average: 51,75 kmh	Secțiunea: <b>1/2</b> Section: <b>1/2</b>
				Timp etapă / Time allowed: 40 min
Distanța Total	Distance Partial	DIRECȚIE / DIRECTION	INFORMAȚII / INFORMATION	De parcurs / To go
15.10	1.90	 11	 <del>Marișel</del>	19.40
20.00	4.90	 12	 	14.50
23.80	3.80	 13	 Barajul Beliș-Fântânele	10.70
24.20	0.40	 14		10.30
24.40	0.20	 15	<div style="border: 1px solid black; padding: 5px; display: inline-block;">Stațiunea Fântânele</div>	10.10
	0.40			

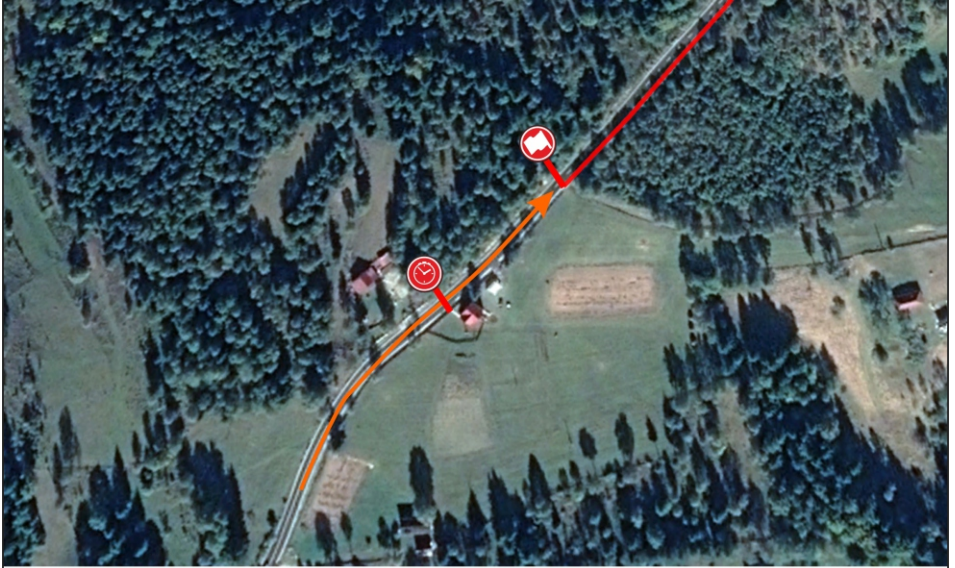
Distanța / Distance		DIRECȚIE / DIRECTION		INFORMAȚII / INFORMATION		De parcurs / To go	
CO 1/3 Măguri Răcățau				<div style="border: 1px solid black; padding: 5px; display: inline-block;"> <p style="text-align: center;">Stațiunea Fântânele</p> </div>		9.70	
CO 2/4 Mănăstireni							
34,50 km						7.60	
Viteză medie / Speed average						7.00	
51,75 kmh				 Statuie / Statue		6.80	
Timp etapă / Time allowed				<div style="border: 1px solid black; padding: 5px; display: inline-block;"> <p style="text-align: center;">Râșca 7</p> </div>		5.50	
40 min							
Distanța Total	Distance Partial						
24.80	0.40	(16)					
26.90	2.10	(17)					
27.50	0.60	(18)					
27.70	0.20	(19)					
29.00	1.30	(20)					
1.80							

CO 1/3 Măguri Răcățau		Distanța Distance		Ziua: Leg: <b>1-Saturday</b>
CO 2/4 Mănăstireni		34,50 km		Secțiunea: Section: <b>1/2</b>
		Viteză medie Speed average		Timp etapă Time allowed
		51,75 kmh		40 min
Distanța Total	Distance Partial	DIRECȚIE / DIRECTION	INFORMAȚII / INFORMATION	De parcurs To go
30.80	1.80			3.70
 34.50	3.70		CO 2 / 4	0.00
	(0.20)		START PS 2 / 4	

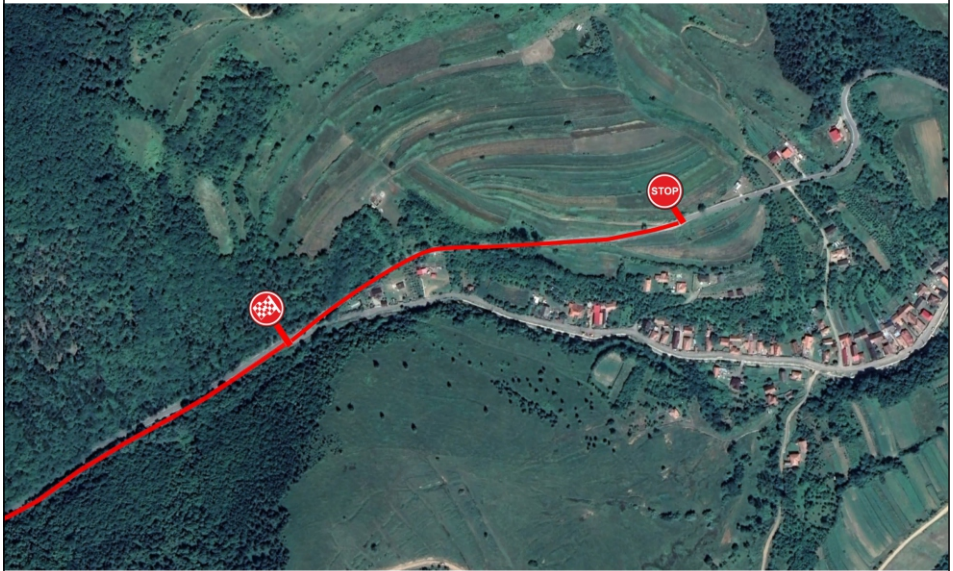
# PS 2/4 RÂȘÇA - 18,60 KM








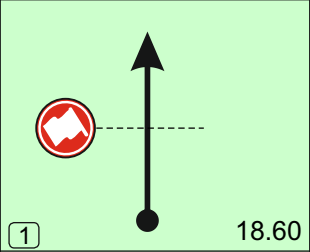


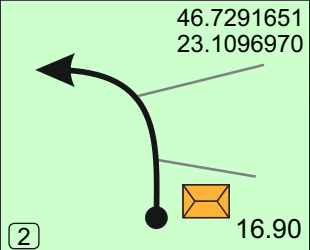


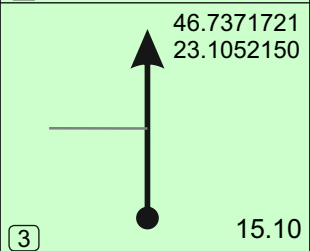


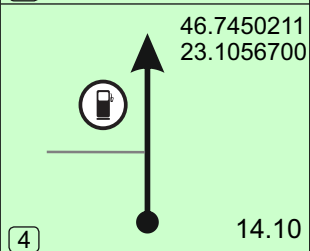


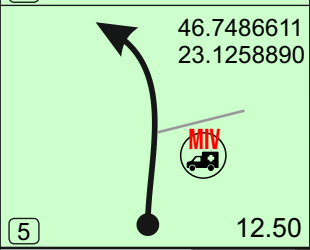



























### ANTICUT RASCA

KM	STANGA	DREAPTA
0,00		
0,40		
0,70		
0,80		
0,90		
1,00		
1,10		
1,30		
1,45		
1,75		
1,90		
1,95		
2,90		
3,00		
3,10		
3,30		
5,80		
6,20		
6,60		
7,10		
7,30		
7,70		









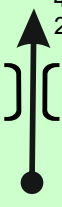






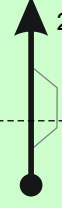


Distanța / Distance		DIRECȚIE / DIRECTION		INFORMAȚII / INFORMATION		De parcurs / To go	
CO 2/4 Mănăstireni				Distanța / Distance		Ziua: <b>1-Saturday</b> Leg:	
CO 2A Reg. A / CO 4A ZT B IN				42,10 km		Secțiunea: <b>1/2</b> Section:	
<b>PS 2/4 Râșca 18,60km</b>				Viteză medie / Speed average		Timp etapă / Time allowed	
				50,52 kmh		50 min	
Distanța Total	Distance Partial	DIRECȚIE / DIRECTION		INFORMAȚII / INFORMATION		De parcurs / To go	
<b>2</b> <b>4</b>	0.00	0.00	 	<b>START PS 2 / 4</b>  N 46.723766 E 23.095015		42.10	
	1.70	1.70	 	46.7291651 23.1096970  <b>INTER 6</b>		40.40	
	3.40	1.70	 	46.7371721 23.1052150  <b>INTER 7</b>		38.70	
	4.30	0.90	 	46.7450211 23.1056700  <b>INTER 8</b>		37.80	
	6.00	1.70	 	46.7486611 23.1258890  <b>INTER 9</b>		36.10	
		2.10					

Distanța / Distance		DIRECȚIE / DIRECTION		INFORMAȚII / INFORMATION		De parcurs / To go	
CO 2/4 Mănăstireni				Distanța / Distance		Ziua: <b>1-Saturday</b>	
CO 2A Reg. A / CO 4A ZT B IN				42,10 km		Leg: <b>1/2</b>	
PS 2/4 Râșca 18,60km				Viteză medie / Speed average		Secțiunea: <b>1/2</b>	
				50,52 kmh		Section: <b>1/2</b>	
				Timp etapă / Time allowed		50 min	
Distanța Total	Distance Partial	DIRECȚIE / DIRECTION		INFORMAȚII / INFORMATION		De parcurs / To go	
		46.7529931 23.1518430				34.00	
8.10	2.10	  10.20		INTER 10			
		46.7543101 23.1658720				32.50	
9.60	1.50	  8.70		INTER 11			
		46.7567531 23.1879530				30.80	
11.30	1.70	   6.90		INTER 12			
		46.7607041 23.1988110				29.60	
12.50	1.20	   5.70		INTER 13			
		46.768796 23.209433				28.00	
14.10	1.60	  4.10		INTER 14			
1.70							

**2**  
**4**



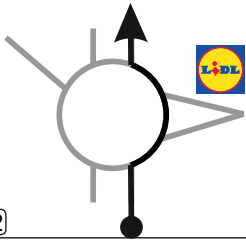
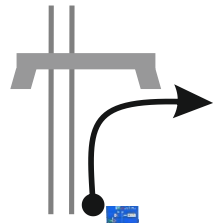

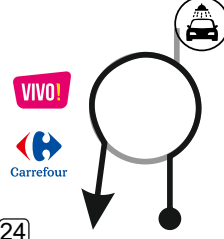

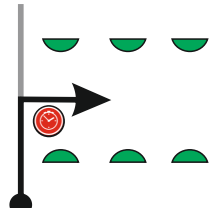


Distanța / Distance		DIRECȚIE / DIRECTION		INFORMAȚII / INFORMATION		De parcurs / To go	
CO 2/4 Mănăstireni				Distanța / Distance		Ziua: <b>1-Saturday</b>	
CO 2A Reg. A / CO 4A ZT B IN				42,10 km		Leg: <b>1/2</b>	
PS 2/4 Râșca 18,60km				Viteză medie / Speed average		Secțiunea: <b>1/2</b>	
				50,52 kmh		Section: <b>1/2</b>	
				Timp etapă / Time allowed		50 min	
Distanța Total	Distance Partial	DIRECȚIE / DIRECTION		INFORMAȚII / INFORMATION		De parcurs / To go	
15.80	1.70	  46.7721231 23.2303930  (11) 2.80		 <b>INTER 15</b>		26.30	
16.50	0.70	  (12) 2.10		 <b>INTER 16</b>		25.60	
17.50	1.00	 46.7687881 23.2544280  (13) 1.10		 <b>INTER 17</b>		24.60	
18.60	1.10	   (14) 0.00		<b>SOSIRE PS 2 / 4</b>		23.50	
19.00	0.40	  46.7711321 23.2679900  (15)		<b>STOP PS 2 / 4</b>		23.10	
3.60							

**2**  
**4**

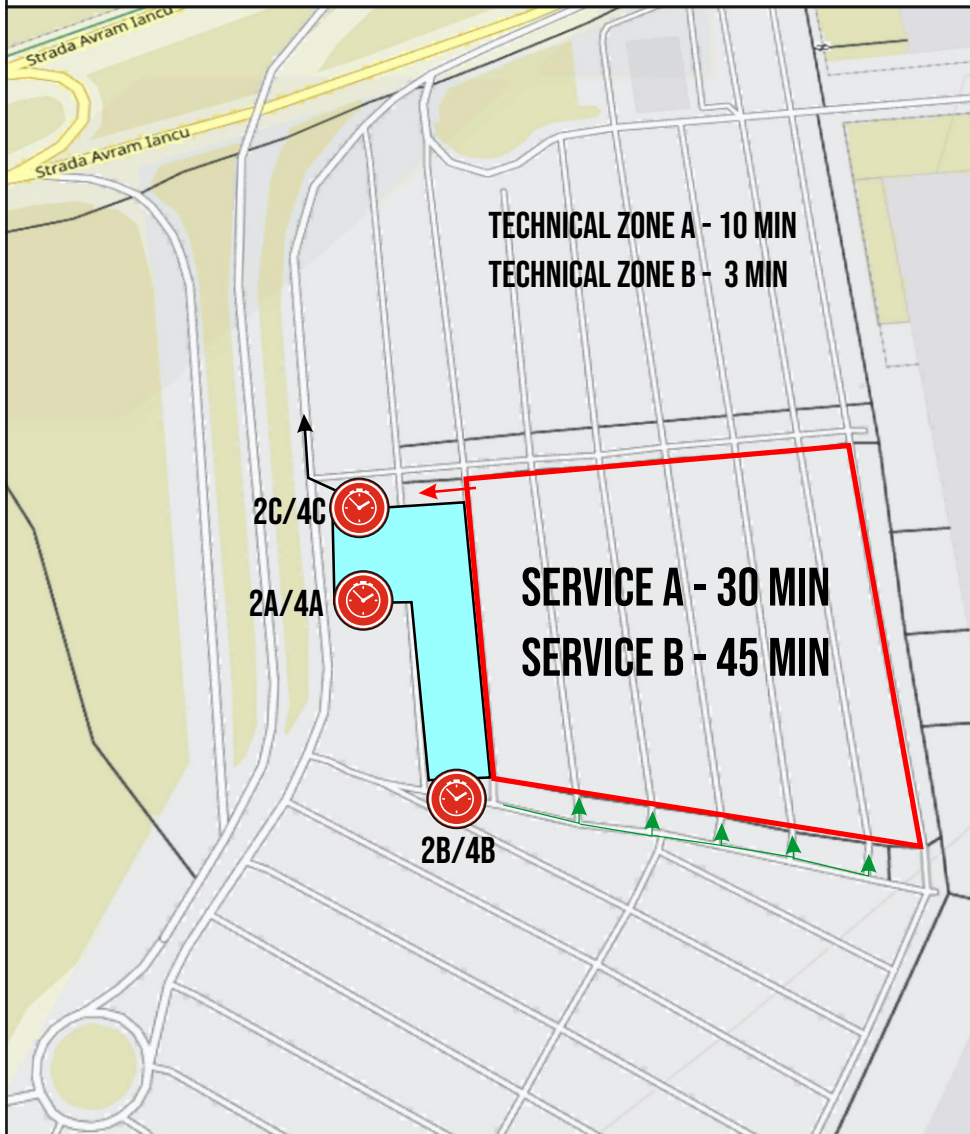




Distanța / Distance		DIRECȚIE / DIRECTION	INFORMAȚII / INFORMATION	De parcurs / To go
CO 2/4 Mănăstireni			<b>Distanța / Distance</b> 42,10 km	<b>Ziua: / Leg:</b> 1-Saturday
CO 2A Reg. A / CO 4A ZT B IN			<b>Viteză medie / Speed average</b> 50,52 kmh	<b>Secțiunea: / Section:</b> 1/2
<b>Distanța Total</b>	<b>Distance Partial</b>			
36.40	2.60	 21	 Florești	5.70
37.90	1.50	 22		4.20
41.60	3.70	 23	PE LÂNGĂ VIADUCT BESIDE THE VIADUCT 	0.50
42.00	0.40	 24	 <b>CAR WASH</b>	0.10
42.10	0.10	 25		0.00

CO 2A Reg. A & ZT A IN / CO 4A ZT B IN	Distanța Distance	Ziua: Leg: <b>1-Saturday</b>
CO 2B Reg. A & ZT A OUT / CO 4B ZT B OUT		Secțiunea: Section: <b>1/2</b>
CO 2C / 4C SERVICE A / B OUT	Viteză medie Speed average	Time etapă Time allowed <b>30 / 45 min</b>

Distanța / Distance Total Partial	DIRECȚIE / DIRECTION	INFORMAȚII / INFORMATION	De parcurs To go
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**Atenție:**

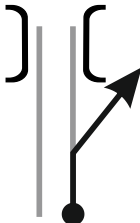
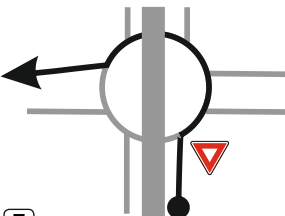
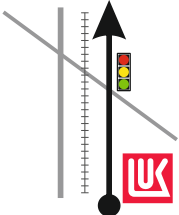
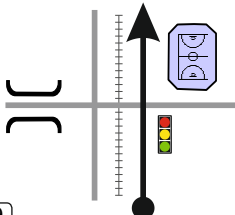
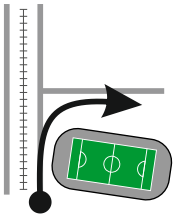
Pentru CO 3 mergeți la pag. 1-15 poz. 1

Pentru CO 4D dați pagina

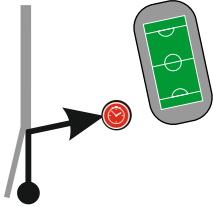
For TC 3 go to page 1-15 poz. 1

For TC 4D turn the page

Distanța / Distance		DIRECȚIE / DIRECTION	INFORMAȚII / INFORMATION	De parcurs / To go	
Total	Partial				
CO 4C Service B OUT			<b>Distanța</b> <i>Distance</i>	<b>Ziua:</b> <b>1-Saturday</b> <i>Leg:</i>	
CO 4D Parc Ferme			4,35 km	<b>Secțiunea:</b> <b>2</b> <i>Section:</i>	
			<b>Viteză medie</b> <i>Speed average</i>	<b>Time etapă</b> <i>Time allowed</i> 15 min	
0.00	0.00		1	<b>CO 4C</b> <b>Service OUT</b>	4.35
0.05	0.05		2	PE LÂNGĂ VIADUCT BESIDE THE VIADUCT	4.30
0.15	0.10	3	str. Avram Iancu	4.20	
0.75	0.60	4	Calea Florești Autoworld VW PE SUB POD UNDER THE BRIDGE	3.60	
1.75	1.00	5	 ÎNCADREAZĂ-TE PE BANDA DREAPTA  STAY ON THE RIGHT SIDE	2.60	
0.30					

Distanța / Distance		DIRECȚIE / DIRECTION	INFORMAȚII / INFORMATION	De parcurs To go
CO 4C Service B OUT			DREAPTA ÎNAINTE DE POD TURN RIGHT BEFORE THE BRIDGE	2.30
CO 4D Parc Ferme				
4,35 km			str. Plopilor PE SUB POD UNDER THE BRIDGE	2.10
Viteză medie Speed average				
15 min			Splaiul Independenței	1.10
Ziua: Leg: 1-Saturday				
Secțiunea: Section: 2			BT ARENA	0.55
Timp etapă Time allowed				
Distanța Total	Distanța Partial			
2.05	0.30		DREAPTA DUPĂ CLUJ ARENA TAKE RIGHT AFTER CLUJ ARENA	0.05
2.25	0.20			
3.25	1.00			
3.80	0.55			
4.30	0.50			
0.05				

CO 4C Service B OUT		Distanța <i>Distance</i> 4,35 km	Ziua: <b>1-Saturday</b>
CO 4D Parc Ferme			Leg: Secțiunea: <b>2</b> Section:
		Viteză medie <i>Speed average</i>	Timp etapă <i>Time allowed</i> 15 min

Distanța / <i>Distance</i> Total	Distanța / <i>Distance</i> Partial	DIRECȚIE / <i>DIRECTION</i>	INFORMAȚII / <i>INFORMATION</i>	De parcurs <i>To go</i>
4.35	0.05		<p><b>CO 4D PARC FERME</b></p> <p>(early check in permitted)</p>	0.00





# **ROAD BOOK ALTERNATIV**

## **ALTERNATIVE ROUTES**

Trasee alternative folosite în cazul blocării probelor speciale.

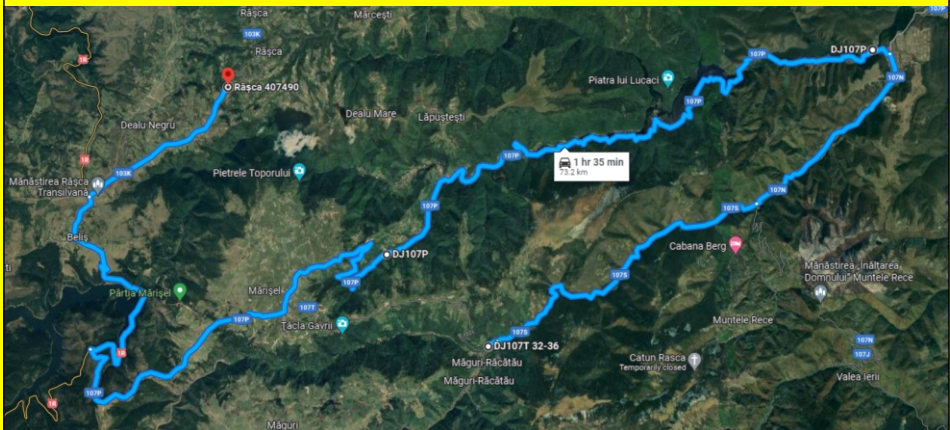
Alternative routes to take if for some reason you cannot run on the original route of the rally.

# Start PS 1 - Start PS 2 (PS 1 Blocat)

Mergeți către Someșul Rece - Barajul Tarnița - Mărișel,  
continuați cu pagina 1-28, poziția 11

Go to Someșul Rece - Barajul Tarnița - Mărișel,  
continue with page 1-28, position 11

Scanează pentru a vedea traseul în Google Maps.  
Scan to see the route in Google Maps.



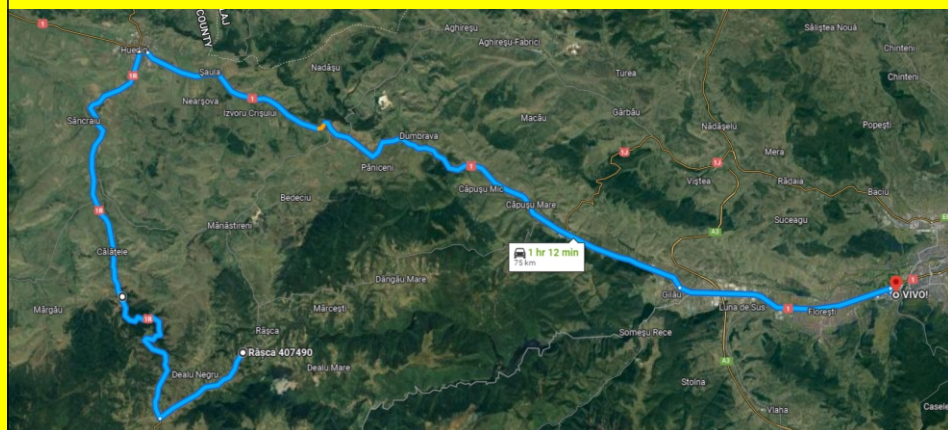
# Start PS 2 - Parc Service (PS 2 Blocat)

Mergeți către Dealu Negru - Călățele - Huedin - Căpușu Mare,  
continuați cu pagina 1-39, poziția 16

Go to Dealu Negru - Călățele - Huedin - Căpușu Mare,  
continue with page 1-39, position 16

Scanează pentru a vedea traseul în Google Maps.

Scan to see the route in Google Maps.



## NOTE

# **ZIUA / DAY 2**

# **DUMINICĂ / SUNDAY**

**Sections 3 & 4**

**Atenție, roadbook comun pentru secțiunile 3 și 4**

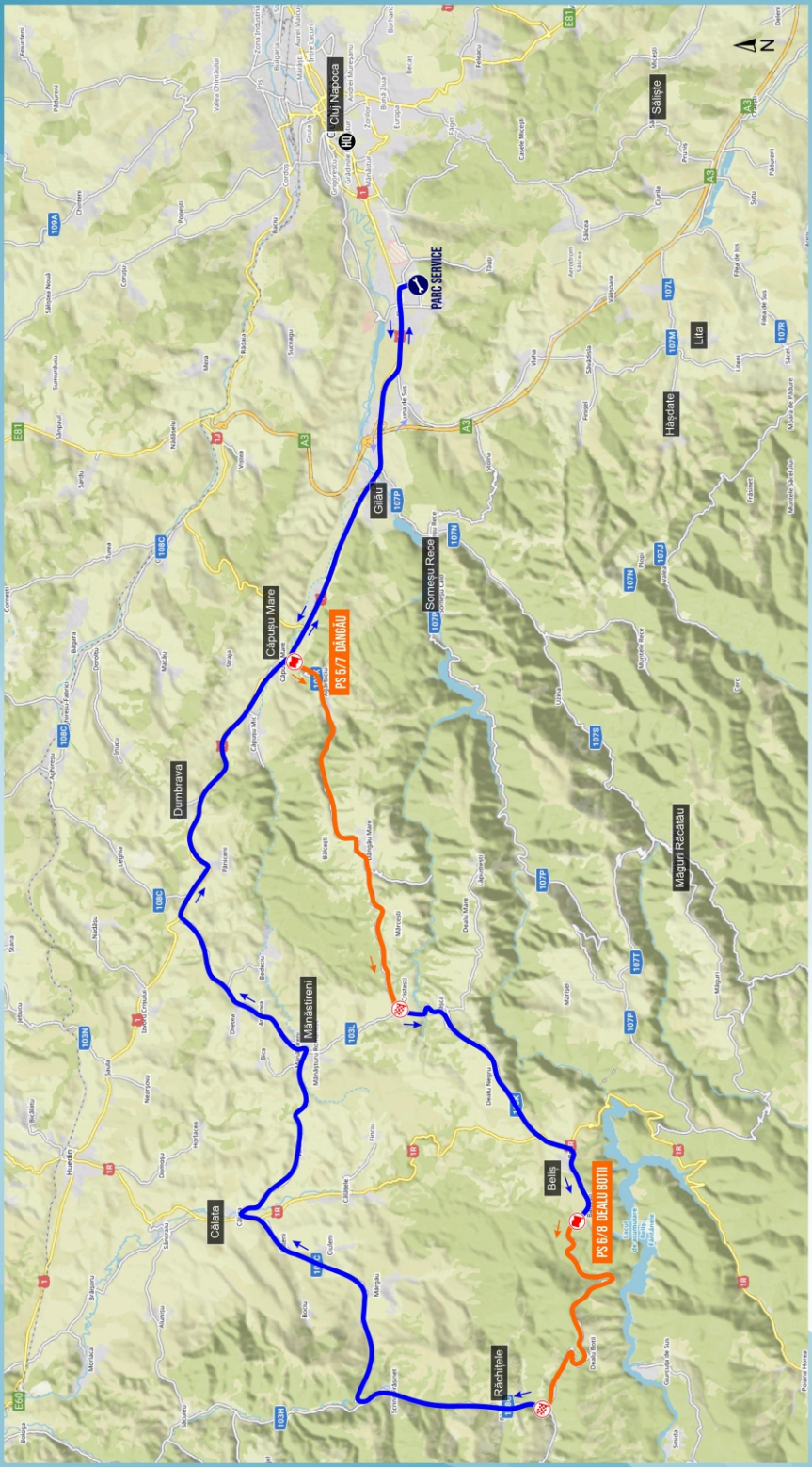
**Note, same roadbook for sections 3 and 4**

# HARTA ZIUA 2

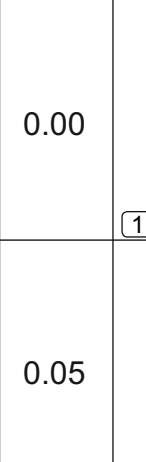
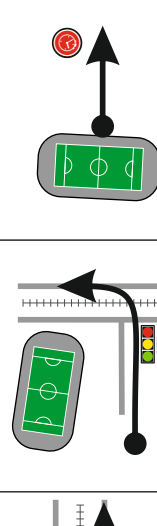
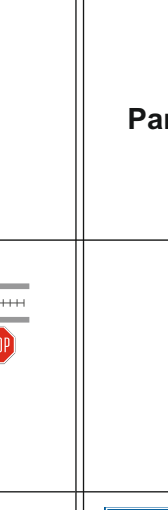


ZIUA 2 - 9 OCTOMBRIE  
PS 5/7 DÂNGĂU - 22.30 KM  
PS 6/8 DEALU BOȚII - 13.50 KM

Competiția Națională de Rally-Raid România 2022

ETAPA 8 & 9 • CIUJ-NAPOCA • 7-9 octombrie 2022





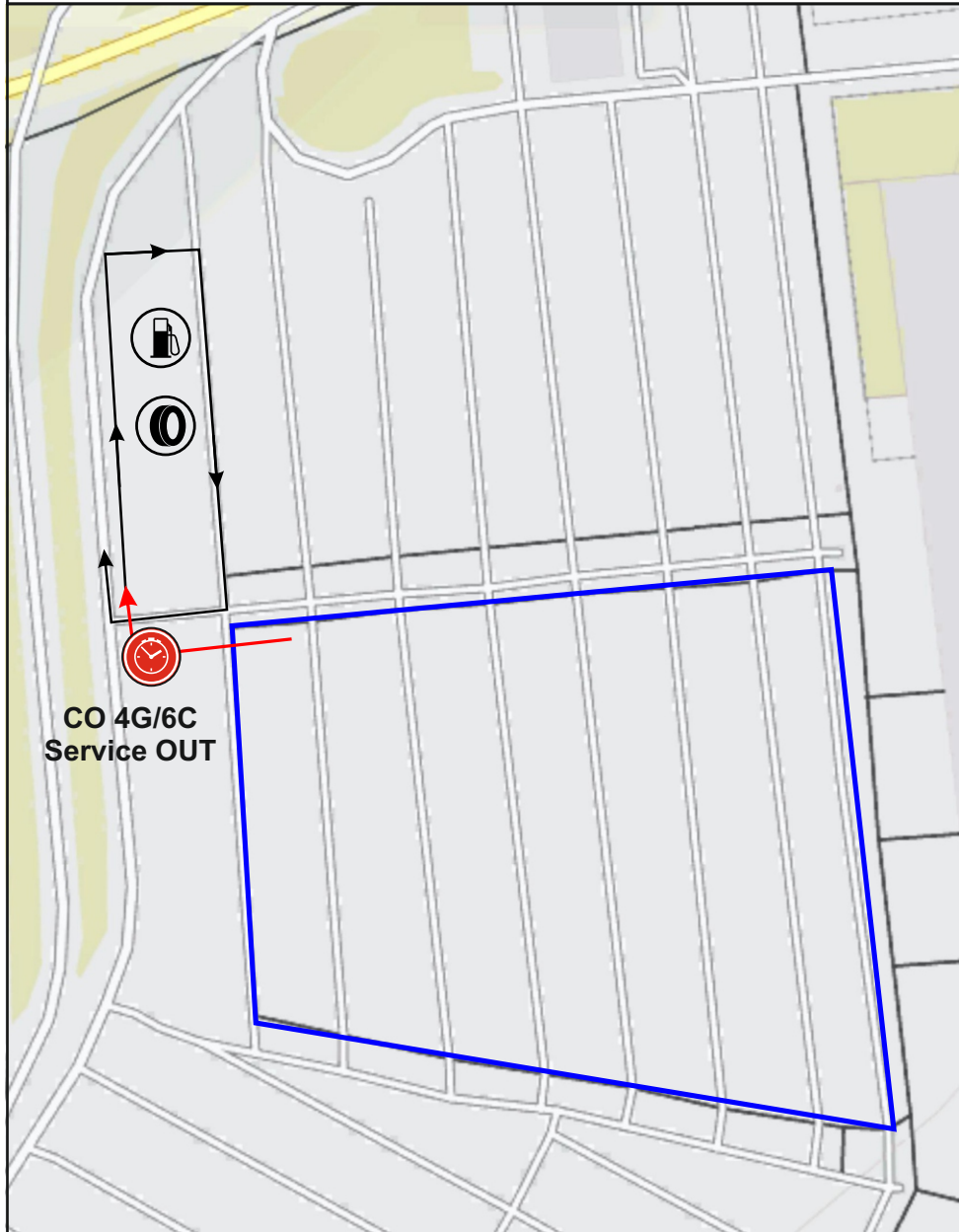
Distanța / Distance		DIRECȚIE / DIRECTION		INFORMAȚII / INFORMATION		De parcurs / To go	
CO 4E Parc Ferme OUT				Distanța / Distance		Ziua: <b>2-Sunday</b>	
CO 4F Service C IN				4,50 km		Leg: <b>3</b>	
				Viteză medie / Speed average		Secțiunea: <b>3</b>	
						Section: <b>3</b>	
						Timp etapă / Time allowed	
Distanța Total	Distance Partial	DIRECȚIE / DIRECTION		INFORMAȚII / INFORMATION		De parcurs / To go	
0.00	0.00	 1		CO 4E Parc Ferme OUT		4.50	
0.05	0.05	 2				4.45	
0.50	0.45	 3		Splaiul Independenței		4.00	
0.90	0.40	 4		str. Plopilor		3.60	
1.10	0.20	 5		str. Plopilor		3.40	
0.85							


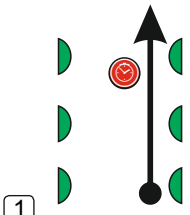


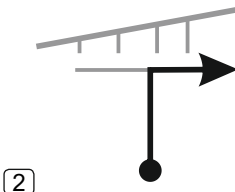
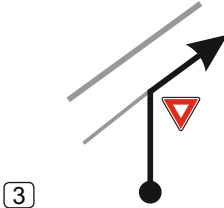
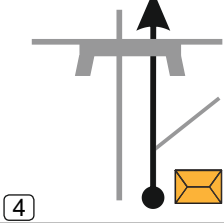

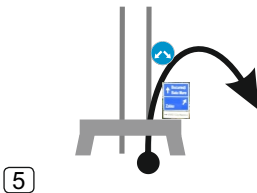



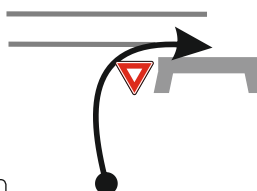
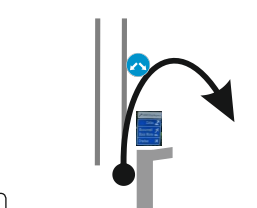

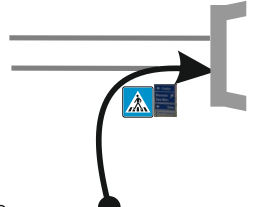

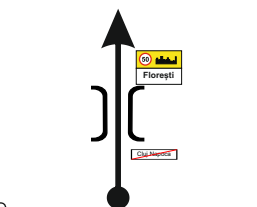


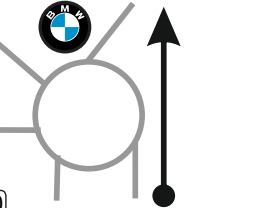
CO 4E Parc Ferme OUT		Distanța <i>Distance</i>	Ziua: <b>2-Sunday</b>	
CO 4F Service C IN				Leg: 4,50 km
		Viteză medie <i>Speed average</i>	Timp etapă <i>Time allowed</i>	
Distanța / <i>Distance</i> Total	<i>Distance</i> Partial	DIRECȚIE / <i>DIRECTION</i>	INFORMAȚII / <i>INFORMATION</i>	De parcurs <i>To go</i>
3.80	0.10		PESTE VIADUCT OVER THE VIADUCT	0.70
4.35	0.55			0.15
 4.50	0.15		CO 4F Parc Service C IN Parcare VIVO!	0.00

	<b>Distanța</b> <i>Distance</i>	<b>Ziua:</b> <i>Leg:</i>
		<b>Secțiunea:</b> <i>Section:</i>
<b>Refueling &amp; Tyres</b>	<b>Viteză medie</b> <i>Speed average</i>	<b>Țimp etapă</b> <i>Time allowed</i>

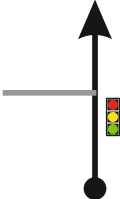
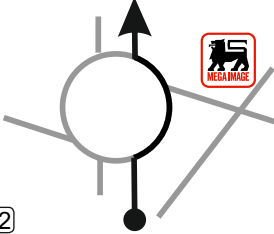






<b>Distanța / Distance</b> <b>Total</b>	<b>DIRECȚIE / DIRECTION</b>	<b>INFORMAȚII / INFORMATION</b>	<b>De parcurs</b> <i>To go</i>
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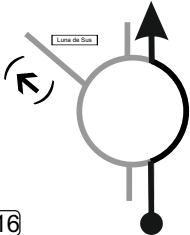

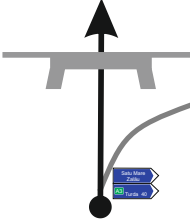

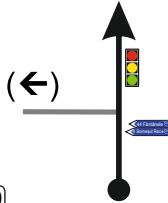

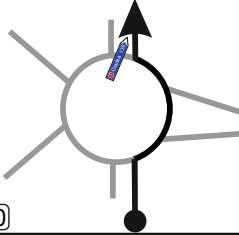


Distanța / Distance		DIRECȚIE / DIRECTION		INFORMAȚII / INFORMATION		De parcurs / To go	
CO 4G/6C SERVICE OUT				Distanța / Distance		Ziua: <b>2-Sunday</b>	
CO 5/7 Dângău				22,00 km		Leg: <b>3/4</b>	
				Viteză medie / Speed average		Secțiunea: <b>3/4</b>	
				37,71 kmh		Section: <b>3/4</b>	
				Timp etapă / Time allowed		35 min	
Distanța Total	Distance Partial	DIRECȚIE / DIRECTION		INFORMAȚII / INFORMATION		De parcurs / To go	
0.00	0.00	 		<b>CO 4G/6C Service OUT</b>  		22.00	
0.05	0.05			PE LÂNGĂ VIADUCT BESIDE THE VIADUCT		21.95	
0.15	0.10			<div style="border: 1px solid blue; padding: 2px; display: inline-block;">str. Avram Iancu</div>		21.85	
0.75	0.60			<div style="border: 1px solid blue; padding: 2px; display: inline-block;">Calea Florești</div> ÎNAINTE PE SUB POD GO AHEAD UNDER THE BRIDGE  Autoworld VW		21.25	
1.10	0.35					20.90	
0.16							



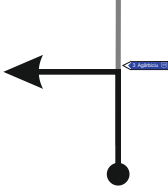



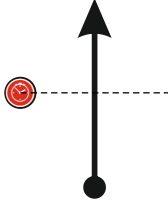

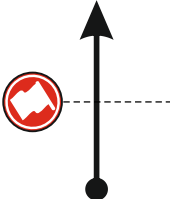
Distanța / Distance		DIRECȚIE / DIRECTION	INFORMAȚII / INFORMATION	De parcurs / To go
CO 4G/6C SERVICE OUT			Distanța / Distance 22,00 km	Ziua: <b>2-Sunday</b> Leg: Secțiunea: <b>3/4</b> Section:
CO 5/7 Dângău			Viteză medie / Speed average 37,71 kmh	Timp etapă / Time allowed 35 min
Distanța Total	Distance Partial	DIRECȚIE / DIRECTION	INFORMAȚII / INFORMATION	De parcurs / To go
1.26	0.16	 6		20.74
1.37	0.11	 7		20.63
1.49	0.12	 8	 Calea Florești	20.51
2.10	0.61	 9	  Florești <del>Cluj Napoca</del>	19.90
3.50	1.40	 10	TINE BANDA DREAPTA  KEEP THE RIGHT LANE	18.50
1.80				



Distanța / Distance		DIRECȚIE / DIRECTION		INFORMAȚII / INFORMATION		De parcurs / To go	
CO 4G/6C SERVICE OUT				Distanța / Distance		Ziua: <b>2-Sunday</b>	
CO 5/7 Dângău				22,00 km		Leg: <b>3/4</b>	
				Viteză medie / Speed average		Secțiunea: <b>3/4</b>	
				37,71 kmh		Section: <b>3/4</b>	
						Timp etapă / Time allowed	
						35 min	
Distanța Total	Distance Partial	DIRECȚIE / DIRECTION		INFORMAȚII / INFORMATION		De parcurs / To go	
5.30	1.80	 (11)				16.70	
6.10	0.80	 (12)				15.90	
7.70	1.60	 (13)				14.30	
8.10	0.40	 (14)				13.90	
8.30	0.20	 (15)				13.70	
0.30							

Distanța / Distance		DIRECȚIE / DIRECTION	INFORMAȚII / INFORMATION	De parcurs / To go
CO 4G/6C SERVICE OUT			Distanța / Distance: 22,00 km	Ziua: <b>2-Sunday</b> Leg: <b>3/4</b>
CO 5/7 Dângău			Viteză medie / Speed average: 37,71 kmh	Secțiunea: <b>3/4</b> Section:
				Timp etapă / Time allowed: 35 min
Distanța Total	Distance Partial	DIRECȚIE / DIRECTION	INFORMAȚII / INFORMATION	De parcurs / To go
8.60	0.30	 16	<div style="border: 1px solid black; padding: 5px; display: inline-block;">Luna de Sus</div>   Shakedown	13.40
10.80	2.20	 17	<del> <div style="border: 1px solid black; padding: 5px; display: inline-block;">Satu Mare Zalău</div>  <div style="border: 1px solid black; padding: 5px; display: inline-block;">A3 Turda 40</div> </del>	11.20
11.50	0.70	 18	<div style="border: 1px solid black; padding: 5px; display: inline-block;">50</div> <div style="border: 1px solid black; padding: 5px; display: inline-block;">Gilău</div>	10.50
12.95	1.45	 19	<del> <div style="border: 1px solid black; padding: 5px; display: inline-block;">44 Fântânele <sup>107P</sup></div>  <div style="border: 1px solid black; padding: 5px; display: inline-block;">4 Someșul Rece <sup>107P</sup></div> </del>  PS 1 / 3 (Ziua 1)	9.05
13.79	0.84	 20	<div style="border: 1px solid black; padding: 5px; display: inline-block;">E60</div> <div style="border: 1px solid black; padding: 5px; display: inline-block;">1</div>  <div style="border: 1px solid black; padding: 5px; display: inline-block;">1 Oradea 136</div>	8.21
2.70		2 - 10		

SOS: +40 744 390 019

Distanța / Distance		DIRECȚIE / DIRECTION	INFORMAȚII / INFORMATION	De parcurs / To go
CO 4G/6C SERVICE OUT			Distanța / Distance: 22,00 km	Ziua: 2-Sunday Leg: 3/4
CO 5/7 Dângău			Viteză medie / Speed average: 37,71 kmh	Secțiunea: 3/4 Section:
				Timp etapă / Time allowed: 35 min
Distanța Total	Distance Partial	DIRECȚIE / DIRECTION	INFORMAȚII / INFORMATION	De parcurs / To go
16.49	2.70	 21	 Giâu	5.51
21.65	5.16	 22	 	0.35
 22.00	0.35	 23	CO 5/7	0.00
 (0.10)		 24	START PS 5/7	

# PS 5/7 DÂNGĂU - 22,30 KM

Calendarul National de Balion Romania 2022

**coltu**

STAR LUBRICANTS

FRAS

ETAPA 5 SA • Căluș-Năpoca • 7-9 octombrie 2022



Ambulanță Medic

Ambulanță Paramedic

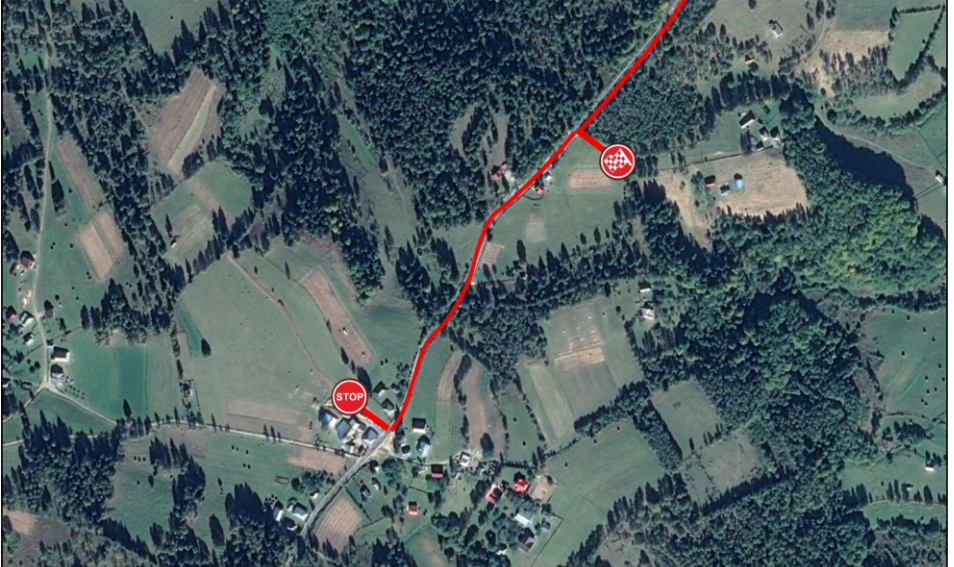
Paramedic

Descarcerare

Tractare






















### ANTICUT DANGAU


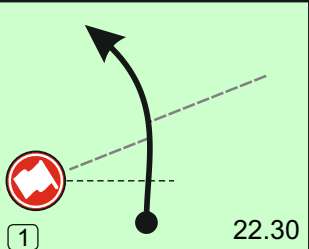



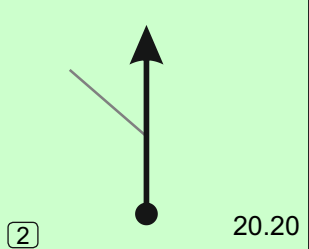


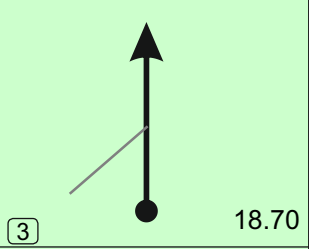


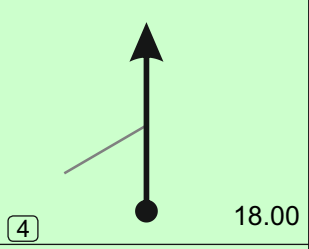


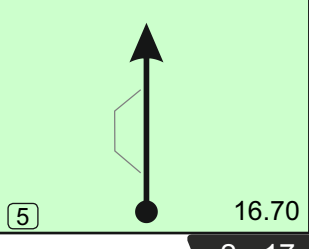

KM	STANGA	DREAPTA
0,00		
0,80		
1,00		
2,80		
2,90		
4,60		
4,80		
4,90		
6,60		
7,00		
7,20		
7,60		
8,80		
9,00		
9,50		
9,60		
10,00		
10,90		
11,30		
11,40		
11,40		
12,00		
12,50		
12,80		


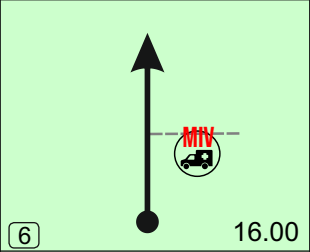


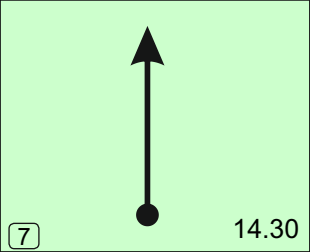

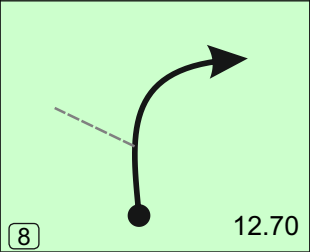

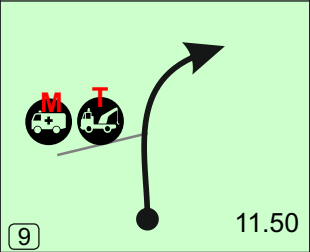


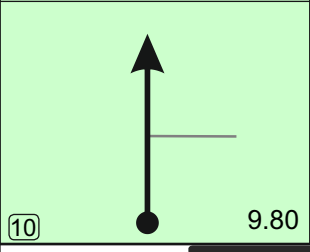
12,90		
13,20		
13,90		
14,50		
15,00		
15,60		
16,00		
18,90		
19,20		
19,30		
19,40		
20,30		
20,35		
20,50		
20,80		
20,90		
21,10		
21,20		
21,30		
21,40		
21,60		
21,90		

45  Anticut

 Balot paie

 Cauciucuri


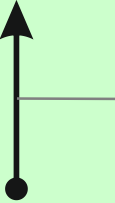


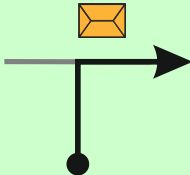

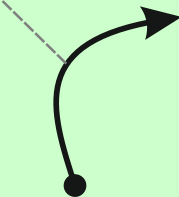

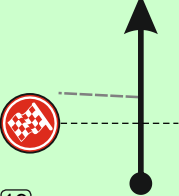

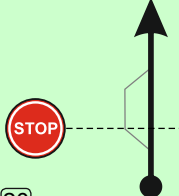
Distanța / Distance		DIRECȚIE / DIRECTION		INFORMAȚII / INFORMATION		De parcurs / To go	
CO 5/7 Dângău				Distanța / Distance		Ziua: <b>2-Sunday</b> Leg: <b>3/4</b>	
CO 6/8 Dealul Botii				32,45 km		Secțiunea: <b>3/4</b> Section:	
<b>PS 5/7 Dângău 22,30km</b>				Viteză medie / Speed average		Timp etapă / Time allowed	
				43,26 kmh		45 min	
Distanța Total	Distance Partial	DIRECȚIE / DIRECTION		INFORMAȚII / INFORMATION		De parcurs / To go	
<b>5</b> <b>7</b>				<b>START PS 5 / 7</b>  46.783668 23.291410		32.45	
	0.00	0.00		22.30			
				<b>INTER 1</b>  46.7742301 23.2847400		30.35	
	2.10	2.10		20.20			
				<b>INTER 2</b>  46.7687881 23.2544280		28.85	
3.60	1.50		18.70				
			<b>INTER 3</b>  46.7687881 23.2544280		28.15		
4.30	0.70		18.00				
			<b>INTER 4</b>  46.7687881 23.2544280		26.85		
5.60	1.30		16.70				
	0.70						

CO 5/7 Dângău		Distanța Distance		Ziua: Leg: <b>2-Sunday</b>		
CO 6/8 Dealul Botii		32,45 km		Secțiunea: Section: <b>3/4</b>		
<b>PS 5/7 Dângău 22,30km</b>		Viteză medie Speed average 43,26 kmh		Timp etapă Time allowed 45 min		
Distanța Total	Distance Partial	DIRECȚIE / DIRECTION		INFORMAȚII / INFORMATION		
				<b>INTER 5</b>  46.7721231 23.2303930		
6.30	0.70			26.15		
						<b>INTER 6</b> 46.7687961 23.2094330
8.00	1.70					24.45
						<b>INTER 7</b> 46.7607041 23.1988110
9.60	1.60	22.85				
				<b>INTER 8</b>  46.7567531 23.1879530		
10.80	1.20			21.65		
				<b>INTER 9</b> 46.7543101 23.1658720		
12.50	1.70			19.95		
	0.40					

**5**  
**7**

Distanța / Distance		DIRECȚIE / DIRECTION		INFORMAȚII / INFORMATION		De parcurs / To go	
CO 5/7 Dângău				Distanța / Distance		Ziua: <b>2-Sunday</b> Leg: <b>3/4</b>	
CO 6/8 Dealul Botii				32,45 km		Secțiunea: <b>3/4</b> Section:	
<b>PS 5/7 Dângău 22,30km</b>				Viteză medie / Speed average		Timp etapă / Time allowed	
				43,26 kmh		45 min	
Distanța Total	Distance Partial	DIRECȚIE / DIRECTION		INFORMAȚII / INFORMATION		De parcurs / To go	
12.90	0.40	 (11) 9.40		 <b>Râșca</b>		19.55	
13.30	0.40	 (12) 9.00				19.15	
13.90	0.60	 (13) 8.40		<b>INTER 10</b>  46.7529931 23.1518430		18.55	
16.11	2.21	 (14) 6.19		<b>INTER 11</b>   46.7486611 23.1258890		16.34	
17.80	1.69	 (15) 4.50		<b>INTER 12</b>   46.7450211 23.1056700		14.65	
0.90							





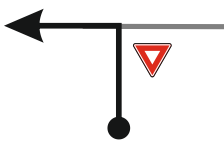
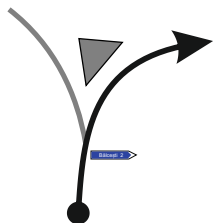

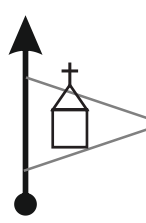



**5**  
**7**

CO 5/7 Dângău		Distanța Distance		Ziua: Leg: <b>2-Sunday</b>	
CO 6/8 Dealul Botii		32,45 km		Secțiunea: Section: <b>3/4</b>	
<b>PS 5/7 Dângău 22,30km</b>		Viteză medie Speed average 43,26 kmh		Timp etapă Time allowed 45 min	
Distanța Total	Distance Partial	DIRECȚIE / DIRECTION		INFORMAȚII / INFORMATION	De parcurs To go
		 <span style="float: left;">(16)</span> <span style="float: right;">3.60</span>		<b>INTER 13</b> 46.7371721 23.1052150  	13.75
18.70	0.90				
		 <span style="float: left;">(17)</span> <span style="float: right;">1.90</span>		<b>INTER 14</b> 46.7291651 23.1096970   Primăria	12.05
20.40	1.70				
20.65	0.25	 <span style="float: left;">(18)</span> <span style="float: right;">1.65</span>			11.80
		 <span style="float: left;">(19)</span> <span style="float: right;">0.00</span>		<b>SOSIRE PS 5 / 7</b>	10.15
22.30	1.65				
		 <span style="float: left;">(20)</span>		<b>STOP PS 5 / 7</b>	9.85
22.60	0.30				
	3.30				

5

7



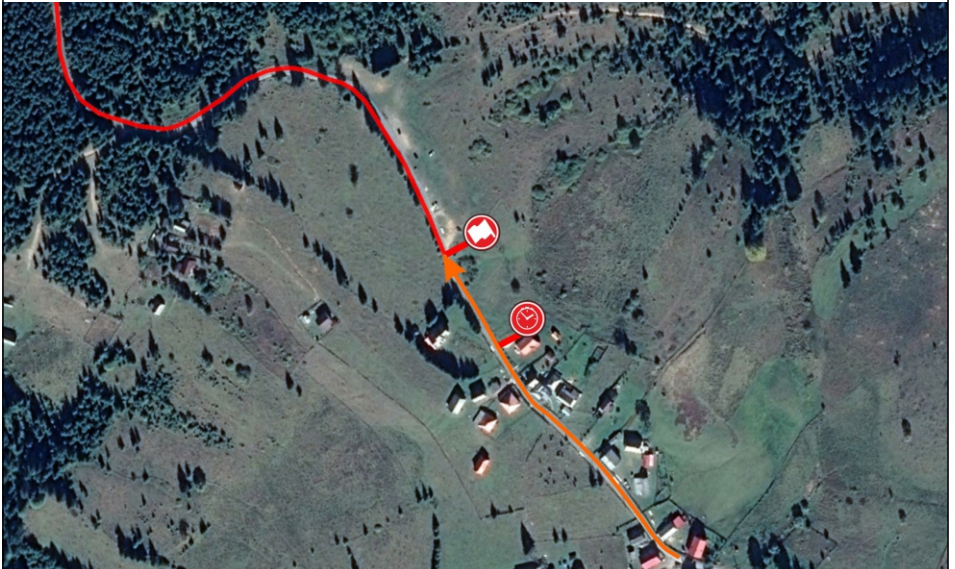
Distanța / Distance		DIRECȚIE / DIRECTION		INFORMAȚII / INFORMATION		De parcurs / To go	
CO 5/7 Dângău				 <b>Râșca</b>		6.55	
CO 6/8 Dealul Botii							
		Viteză medie / Speed average <b>43,26 kmh</b>		Timp etapă / Time allowed <b>45 min</b>			
Distanța Total	Distance Partial	DIRECȚIE / DIRECTION		INFORMAȚII / INFORMATION		De parcurs / To go	
25.90	3.40	21 		 <b>Râșca</b>		6.55	
27.70	1.80	22 				4.75	
29.00	1.30	23 		Statuie 		3.45	
29.90	0.90	24 		 Biserica Ortodoxă		2.55	
30.80	0.90	25 		 <b>Bălcești</b>		1.65	
1.00							

Distanța / Distance		DIRECȚIE / DIRECTION		INFORMAȚII / INFORMATION		De parcurs / To go	
CO 5/7 Dângău				Distanța / Distance		Ziua: <b>2-Sunday</b> Leg: <b>2-Sunday</b>	
CO 6/8 Dealul Botii				32,45 km		Secțiunea: <b>3/4</b> Section:	
				Viteză medie / Speed average		Timp etapă / Time allowed	
				43,26 kmh		45 min	
Distanța Total	Distance Partial	DIRECȚIE / DIRECTION		INFORMAȚII / INFORMATION		De parcurs / To go	
31.80	1.00					0.65	
 32.45	0.65			CO 6 / 8		0.00	
	(0.10)			START 6 / 8			

# PS 6/8 DEALU BOTII - 13,50 KM















- Ambulanță Medic
- Ambulanță Paramedic
- Paramedic
- Descarcerare
- Tractare

















KM	STANGA	DREAPTA
0,00		
0,40		
0,50		
2,00		
3,50		
5,00		
6,10		
6,60		
10,30		
11,80		
12,30		
12,60		
13,40		

 Anticut

 Balot paie



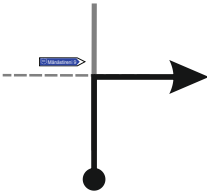






 Cauciucuri

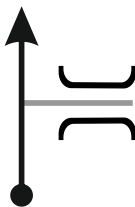





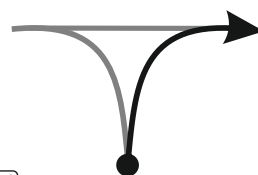


CO 6/8 Dealul Botii		Distanța Distance	Ziua: Leg: <b>2-Sunday</b>		
CO 6A/8A Reg. C IN / ZT D IN		82,80 km	Secțiunea: Section: <b>3/4</b>		
PS 6/8 Dealul Botii 13,50km		Viteză medie Speed average	Timp etapă Time allowed		
		55,20 kmh	1 h 30 min		
Distanța Total	Distance Partial	DIRECȚIE / DIRECTION	INFORMAȚII / INFORMATION	De parcurs To go	
<b>6</b> <b>8</b>		46.679344 22.994644	<b>START</b> <b>PS 6 / 8</b>    	82.80	
	0.00	0.00			 ①
					13.50
					46.6820631 22.9790500
					11.80
		②		81.10	
		46.6770911 22.9646140			
		③		79.70	
		46.6694041 22.9620110			
		④		77.80	
		46.6804981 22.9444470			
		⑤		75.70	
	0.55				

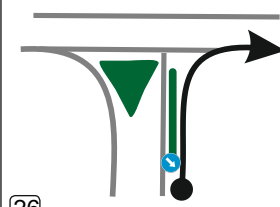



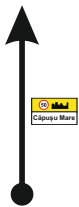



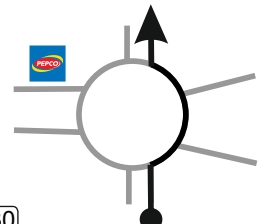


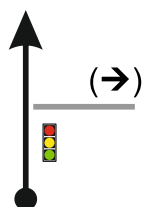





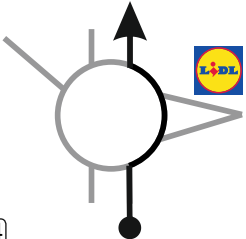
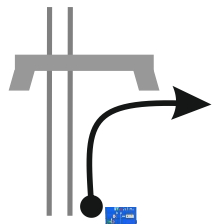

Distanța / Distance		DIRECȚIE / DIRECTION	INFORMAȚII / INFORMATION	De parcurs To go		
CO 6/8 Dealul Botii			Distanța Distance	Ziua: Leg: <b>2-Sunday</b>		
CO 6A/8A Reg. C IN / ZT D IN			82,80 km	Secțiunea: Section: <b>3/4</b>		
PS 6/8 Dealul Botii 13,40km			Viteză medie Speed average	Time etapă Time allowed		
			55,20 kmh	1 h 30 min		
Distanța Total	Distance Partial	DIRECȚIE / DIRECTION	INFORMAȚII / INFORMATION	De parcurs To go		
<b>6</b> <b>8</b>	7.65	0.55	5.85	75.15		
		8.60	0.95	46.6770811 22.9256910 4.90	 74.20	
		9.70	1.10	3.80	<b>INTER 20</b>  46.6783561 22.9160660	73.10
		11.30	1.60	46.6834451 22.9194650 2.20	 71.50	
		13.50	2.10	0.00	<b>SOSIRE PS 6 / 8</b> 46.6886391 22.8963420	69.30
	0.45					

Distanța / Distance		DIRECȚIE / DIRECTION		INFORMAȚII / INFORMATION		De parcurs / To go	
CO 6/8 Dealul Botii				Distanța / Distance		Ziua: <b>2-Sunday</b> Leg: <b>2-Sunday</b>	
CO 6A/8A Reg. C IN / ZT D IN				82,80 km		Secțiunea: <b>3/4</b> Section:	
				Viteză medie / Speed average		Timp etapă / Time allowed	
				55,20 kmh		1 h 30 min	
Distanța Total	Distance Partial	DIRECȚIE / DIRECTION		INFORMAȚII / INFORMATION		De parcurs / To go	
13.90	0.40			<b>STOP</b> <b>PS 6 / 8</b>  46.6902581 22.8929980		68.90	
15.00	1.15					67.80	
18.90	3.90			 <b>Scind Frâsinet</b>		63.90	
21.10	2.20					61.70	
32.50	11.40					50.30	
	0.30						

Distanța / Distance		DIRECȚIE / DIRECTION		INFORMAȚII / INFORMATION		De parcurs / To go	
CO 6/8 Dealul Botii						50.00	
CO 6A/8A Reg. C IN / ZT D IN							
Distanța / Distance						49.30	
82,80 km							
Viteză medie / Speed average						46.20	
55,20 kmh							
Ziua: / Leg: 2-Sunday						41.55	
Secțiunea: / Section: 3/4							
Timp etapă / Time allowed						41.10	
1 h 30 min							
Distanța Total	Distance Partial						
32.80	0.30	16					
33.50	0.70	17					
36.60	3.10	18					
41.25	4.65	19					
41.70	0.45	20					
0.60							

Distanța / Distance		DIRECȚIE / DIRECTION		INFORMAȚII / INFORMATION		De parcurs / To go	
CO 6/8 Dealul Botii				Distanța / Distance		Ziua: <b>2-Sunday</b>	
CO 6A/8A Reg. C IN / ZT D IN				82,80 km		Leg: <b>3/4</b>	
				Viteză medie / Speed average		Secțiunea: <b>3/4</b>	
				55,20 kmh		Section: <b>3/4</b>	
						Timp etapă / Time allowed	
						1 h 30 min	
Distanța Total	Distance Partial	DIRECȚIE / DIRECTION		INFORMAȚII / INFORMATION		De parcurs / To go	
42.30	0.60	 21		 <del>Râșca 7</del>		40.50	
43.20	0.90	 22		 <del>50</del> Mănăstireni		39.60	
44.20	1.00	 23		 50 Ardeova		38.60	
45.70	1.50	 24				37.10	
46.50	0.80	 25		 <del>Bedeciu 2</del>		36.30	
	3.80						

Distanța / Distance		DIRECȚIE / DIRECTION	INFORMAȚII / INFORMATION	De parcurs / To go
CO 6/8 Dealul Botii			Distanța / Distance 82,80 km	Ziua: <b>2-Sunday</b> Leg: Secțiunea: <b>3/4</b> Section:
CO 6A/8A Reg. C IN / ZT D IN			Viteză medie / Speed average 55,20 kmh	Timp etapă / Time allowed 1 h 30 min
Distanța Total	Distance Partial	DIRECȚIE / DIRECTION	INFORMAȚII / INFORMATION	De parcurs / To go
50.30	3.80	 26	 Mergeți pe DN 1 până în Cluj Keep DN 1 until Cluj	32.50
52.00	1.70	 27	 Păniceni	30.80
61.40	9.40	 28	 Căpușu Mare	21.40
68.60	7.20	 29	 Gilău	14.20
71.30	2.70	 30		11.50
	0.60			

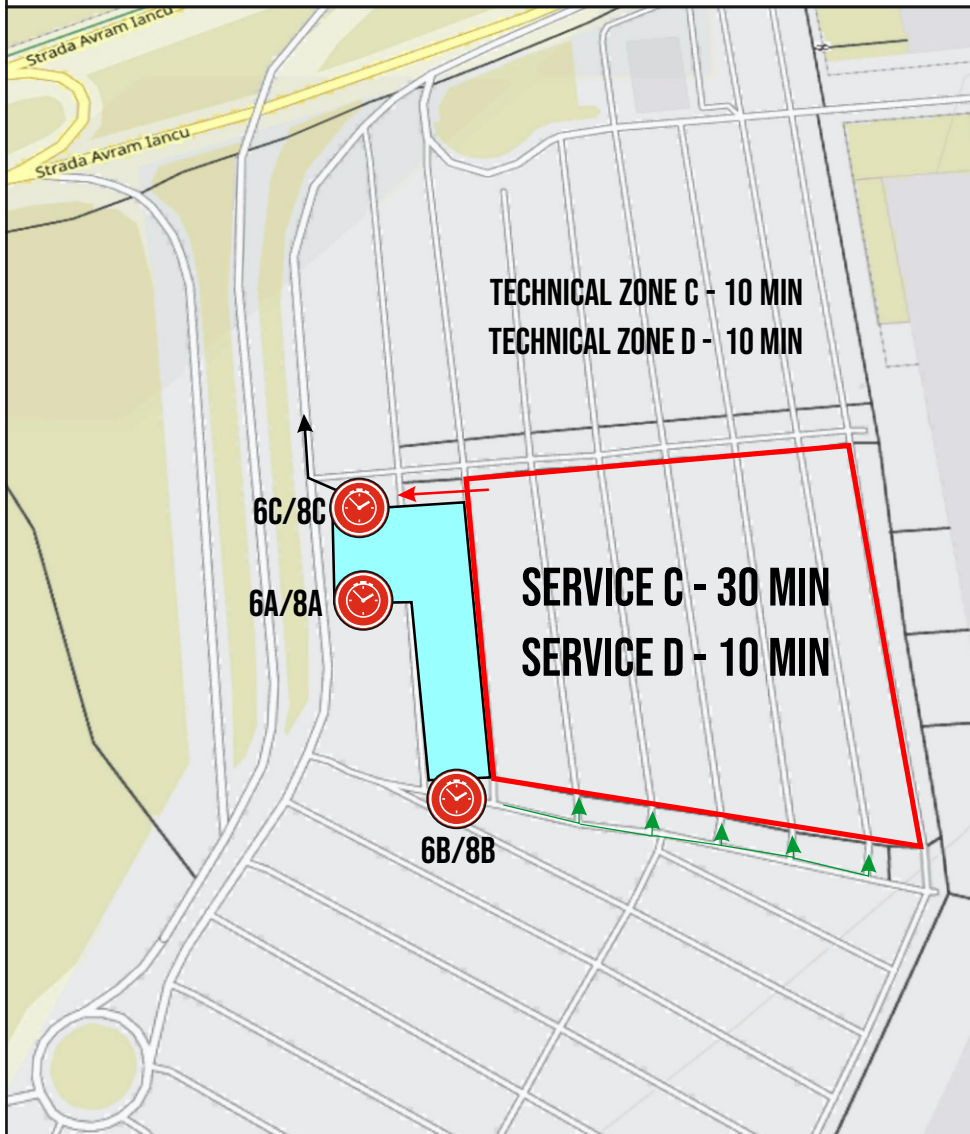
Distanța / Distance		DIRECȚIE / DIRECTION		INFORMAȚII / INFORMATION		De parcurs / To go	
CO 6/8 Dealul Botii				Distanța / Distance		Ziua: <b>2-Sunday</b> Leg: <b>3/4</b>	
CO 6A/8A Reg. C IN / ZT D IN				82,80 km		Secțiunea: <b>3/4</b> Section:	
				Viteză medie / Speed average		Timp etapă / Time allowed	
				55,20 kmh		1 h 30 min	
Distanța Total	Distance Partial	DIRECȚIE / DIRECTION		INFORMAȚII / INFORMATION		De parcurs / To go	
71.90	0.60	 <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">31</span>		 Shakedown		10.90	
74.50	2.60	 <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">32</span>				8.30	
77.10	2.60	 <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">33</span>		 <b>Florești</b>		5.70	
78.60	1.50	 <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">34</span>				4.20	
82.30	3.70	 <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">35</span>		PE LÂNGĂ VIADUCT BESIDE THE VIADUCT		0.50	
	0.40						

CO 6/8 Dealul Botii		Distanța Distance		Ziua: Leg: <b>2-Sunday</b>
CO 6A/8A Reg. C IN / ZT D IN		82,80 km		Secțiunea: Section: <b>3/4</b>
		Viteză medie Speed average		Țimp etapă Time allowed
		55,20 kmh		1 h 30 min
Distanța Total	Distance Partial	DIRECȚIE / DIRECTION		INFORMAȚII / INFORMATION
82.70	0.40			 <b>CAR WASH</b>
 82.80	0.10			0.00



CO 6A Reg. C & ZT C IN / CO 8A ZT D IN	Distanța <i>Distance</i>	Ziua: <i>Leg:</i> <b>2-Sunday</b>
CO 6B Reg. C & ZT C OUT / CO 8B ZT D OUT		Secțiunea: <i>Section:</i> <b>3/4</b>
CO 6C / 8C SERVICE C / D OUT	Viteză medie <i>Speed average</i>	Time etapă <i>Time allowed</i> <b>30 / 10 min</b>

Distanța / <i>Distance</i> Total	Distanța / <i>Distance</i> Partial	DIRECȚIE / <i>DIRECTION</i>	INFORMAȚII / <i>INFORMATION</i>	De parcurs <i>To go</i>
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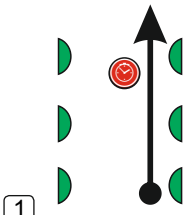
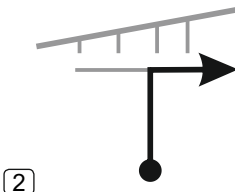
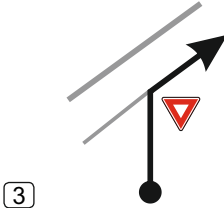
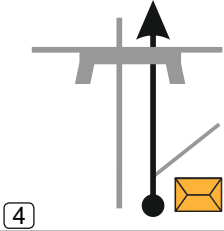
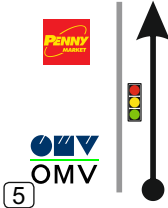

**Atenție:**

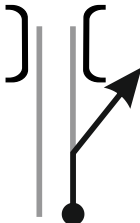
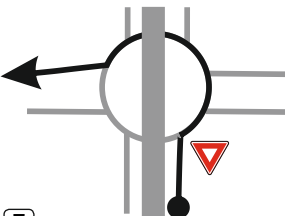
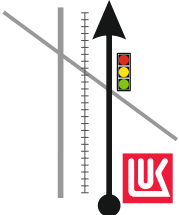

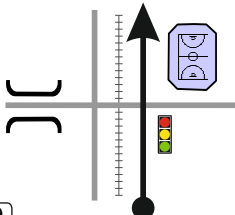

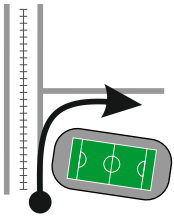
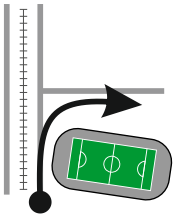
Pentru CO 5 mergeți la pag. 2-07 poz. 1

Pentru CO 8D dați pagina

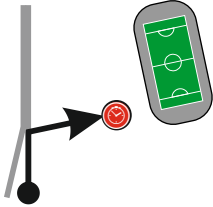
For TC 5 go to page 2-07 poz. 1

For TC 8D turn the page

Distanța / Distance		DIRECȚIE / DIRECTION	INFORMAȚII / INFORMATION	De parcurs / To go
Total	Partial			
CO 8C Service D OUT			Distanța / Distance: 4,35 km	Ziua: 2-Sunday Leg: Secțiunea: 3/4 Section:
CO 8D Parc Ferme			Viteză medie / Speed average	Timp etapă / Time allowed: 15 min
0.00	0.00	 ①	CO 8C Service OUT	4.35
0.05	0.05	 ②	PE LÂNGĂ VIADUCT BESIDE THE VIADUCT	4.30
0.15	0.10	 ③	str. Avram Iancu	4.20
0.75	0.60	 ④	Calea Florești Autoworld VW PE SUB POD UNDER THE BRIDGE	3.60
1.75	1.00	 ⑤	 ÎNCADREAZĂ-TE PE BANDA DREAPTA STAY ON THE RIGHT SIDE	2.60
	0.30			

Distanța / Distance		DIRECȚIE / DIRECTION	INFORMAȚII / INFORMATION	De parcurs To go
CO 8C Service D OUT			DREAPTA ÎNAINTE DE POD TURN RIGHT BEFORE THE BRIDGE	2.30
CO 8D Parc Ferme				
Distanța / Distance			str. Plopilor PE SUB POD UNDER THE BRIDGE	2.10
4,35 km				
Viteză medie Speed average			 Splaiul Independenței	1.10
15 min				
Distanța Total	Distanța Partial		 BT ARENA	0.55
2.05	0.30			
2.25	0.20		DREAPTA DUPĂ CLUJ ARENA TAKE RIGHT AFTER CLUJ ARENA	0.05
3.25	1.00			
3.80	0.55		DREAPTA DUPĂ CLUJ ARENA TAKE RIGHT AFTER CLUJ ARENA	0.05
4.30	0.50			
0.05	0.05			

CO 8C Service D OUT		Distanța <i>Distance</i> 4,35 km	Ziua: <b>2-Sunday</b>
CO 8D Parc Ferme			Leg: Secțiunea: Section: <b>3/4</b>
		Viteză medie <i>Speed average</i>	Timp etapă <i>Time allowed</i> 15 min

Distanța / <i>Distance</i> Total	Distanța / <i>Distance</i> Partial	DIRECȚIE / <i>DIRECTION</i>	INFORMAȚII / <i>INFORMATION</i>	De parcurs <i>To go</i>
4.35	0.05		<b>CO 8D PARC FERME</b>	0.00



# **ROAD BOOK ALTERNATIV**

## **ALTERNATIVE ROUTES**

Trasee alternative folosite în cazul blocării probelor speciale.

Alternative routes to take if for some reason you cannot run on the original route of the rally.

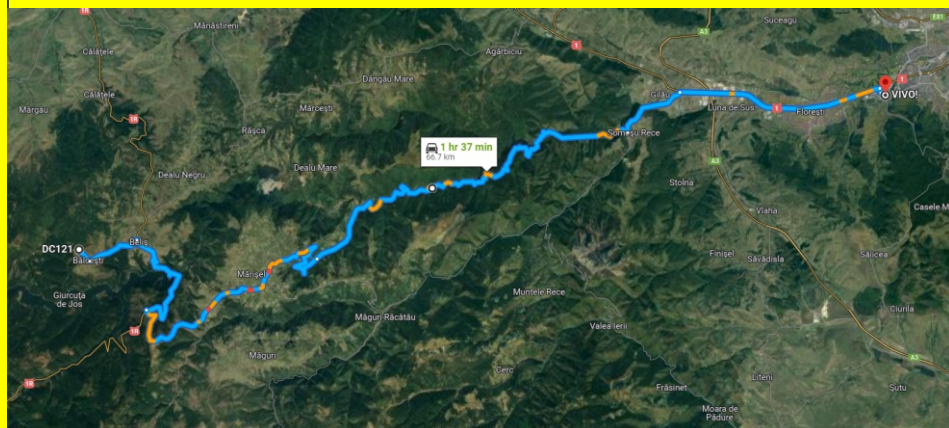


# Start PS 6 - Parc Service (PS 6 Blocat)

Mergeți către Beliș - Mărișel - Someșu Rece

Go to Beliș - Mărișel - Someșu Rece

Scanează pentru a vedea traseul în Google Maps.  
Scan to see the route in Google Maps.





## NOTE

**Vă mulțumim pentru participare!**

**Thank you for participating!**

Campionatul Național de Raliuri Betano 2022

**raliul**  
**CLUJULUI**



PRIMĂRIA ȘI  
CONSILIUL LOCAL  
CLUJ-NAPOCA

STARLUBRICANTS



CONSILIUL  
JUDEȚEAN  
CLUJ

POWERED BY

**PMA**  
INVEST



FRAS  
FEDERAȚIA ROMÂNĂ DE AUTOTRANSPORT SPORTIV



MINISTERUL  
SPORTULUI



Cluj-Napoca  
The Heart of Transylvania



Etapa a 8-a • Cluj-Napoca • 7-9 octombrie 2022