

20th World ARDF Championships 2022

(together with World ARDF Cup 2022)

Borovets, Bulgaria



Bulletin 3

28 July 2022

Dear ARDF friends,

Bulgarian Federation of Radio Amateurs (BFRA) is proud to host **the World ARDF Championships 2022**. It will be organized from **28 August to 3 September 2022** in Borovets, well known resort, located 68 km away from Sofia (60 km away from Sofia Airport).

In the days before that event, namely between **24 and 27 August 2022**, another ARDF competition, so-called **World ARDF Cup**, will be held in Borovets, too, but on different terrains.

1. The Covid-19 situation in Bulgaria

As of May 1, 2022, **no documents related to Covid-19 are required** upon entry into Bulgaria. During the stay in Bulgaria **there are no restrictions**. In the moment of



issuing this Bulletin, the only requirement is to wear masks in public transport, pharmacies and hospitals. We will notify you if there is any change.

2. Address, phone number and e-mail address of the competition office

Competition office during all competitions:

Borovets, Hotel Samokov

Phone number:

+359 750 32032 (Hotel Samokov, Reception);

+359 889 318 297 (Viktor Tsenkov)

E-mail address:

Lz3nn@abv.bg, bfra_hq@hotmail.com

3. Internet site of the Championships

www.ardf2022.eu

4. International Jury

Chairman of the Jury

Lucien Vidal, F4DKA

Referee at the finish

Karl-Heinz Schade, DL7VDB

Referee at the start

Roussko Roussev, LZ1RT

Referees in the competition area

Jiri Pavlu, OK1CHE

Jan Palmquist, SM5FUG

Zeljko Belaj, 9A2QU

Choi Hyeong Moon, HL4CFN

Pavel Babeu, YO9TW

Siting Referee

Viktor Tsenkov, LZ3NN

Technical Director

Stoyan Topalov, LZ1STQ

Secretary of the Jury

Patritsia Tsenkova

5. Accommodation and fees:

The accommodation for both events will be organized in **Hotel Samokov**, one of the best hotels in Borovets <https://www.samokov.com/>

BFRA will organize transfer Sofia Airport – Borovets and back. For groups of 4 or more people the price will be **30 EUR** per person.

Accommodation will be in double rooms, but the possibility of a single room is also provided. It also includes Full Board (3 times daily) and use of the indoor pool. The prices **per person in a double room** are as follows:

a) during World ARDF Championships (28 August – 3 September 2022)

Accommodation in Hotel Samokov		If paid before 5 July (in EUR)	If paid after 5 July (in EUR)
Accommodation, FB, Starting fees, Transportation to start/from finish for the whole event (4 competitions), Excursion, Souvenirs, Banquet	Competitors and Team officials	430	480
Accommodation, FB, Transportation to finish and back for the whole event (4 competitions), Excursion, Souvenirs, Banquet	Guests/Visitors	270	300
Additional payment for single room for the whole event (6 days)	All participants	90	90
Extra day before and after competitions in double room	All participants	50	50
Extra day before and after competitions in single room	All participants	65	65

Several examples, payment before 5 July:

Competitor / official in a double room for 6 days - **430 EUR**

Competitor / official in a single room for 6 days - **520 EUR**

Guest in a double room for 6 days - **270 EUR**

Guest in a single room for 6 days - **360 EUR**

Extra day in a double room - **50 EUR**

Extra day in a single room - **65 EUR**

b) during World ARDF Cup (24 - 27 August 2022)

Accommodation in Hotel Samokov		If paid before 5 July (in EUR)	If paid after 5 July (in EUR)
Accommodation, FB, Starting fees, Competitors		240	290

Transportation to start/from finish for the whole event (4 competitions)			
Accommodation, FB, Transportation to finish and back for the whole event (4 competitions)	Guests/Visitors	200	250
Additional payment for single room for the whole event (4 days)	All participants	60	60
Extra day before and after competitions in double room	All participants	50	50
Extra day before and after competitions in single room	All participants	65	65

Hotel Samokov offers many other attractive services (paid), which you can see on the hotel's website.

Pets are not allowed in the hotel.

Participants are **free to organize their own accommodation and meals**. In this case, the prices are as follows:

c) during World ARDF Championships (28 August – 3 September 2022)

Self-accommodation		If paid before 5 July (in EUR)	If paid after 5 July (in EUR)
Starting fees for the whole event (4 starts). includes transportation to start/from finish	Competitors	300	300
Starting fee per competition, includes transportation to start/from finish	Competitors	75	75
Transportation to finish and back for the whole event (4 starts)	Guests/Visitors	30	40
Registration, Participation in team leaders meetings, Transportation to finish and back for the whole event (4 starts), Excursion, Souvenirs, Banquet	Teal officials	90	120
Banquet	All participants	20	20

d) during World ARDF Cup (24 – 27 August 2022)

Self-accommodation	If paid before 5 July (in EUR)	If paid after 5 July (in EUR)
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		EUR)	
Starting fees for the whole event (4 starts). includes transportation to start/from finish	Competitors	60	70
Starting fee per competition, includes transportation to start/from finish	Competitors	20	30
Transportation to finish and back for the whole event (4 starts)	Officials, Guests/Visitors	20	30

IMPORTANT: The payments must be made to the BFRA account:

Bank: United Bulgarian Bank

Account: BG81UBBS80021413582613 (in EUR)

BIC: UBBSBGSF

Beneficiary: Bulgarian Federation of Radio Amateurs

6. Detailed program of the event (local time in Bulgaria UTC+3)

Every day:

Breakfast 06:15-07:15, rest days 07:00-08:30;

Transport schedule

Busses to starting points (for competitors) start every day at **07:30**. Busses to finishing points (for officials and visitors) start every day at **09:00** (except 24 August, see below);

Lunch 14:00-15:30 (except 24 August, see below), rest days 13:00-14:30;

Awarding (competition days) 18:00; Awarding on 24 August is moved to next day;

Dinner 19:30-21:00.

24 August, Wednesday – arrival for World ARDF Cup, accommodation, testing the equipment 11:00-12:30, lunch 12:30-13:30, Sprint – bus to the start 16:00, first start 17:00;

25 August, Thursday – Classic 144 MHz all categories, first start 09:00;

26 August, Friday – Classic 3.5 MHz all categories, first start 09:00;

27 August, Saturday – Foxoring, first start 09:00;

28 August, Sunday – rest day for World ARDF Cup participants, arrival for World ARDF Championships, accommodation, testing the equipment 15:30-17:30, official opening 18:30;

29 August, Monday – Sprint, first start 09:00;

30 August, Tuesday – Classic 1, first start 09:00;

31 August, Wednesday – rest day;

1 September, Thursday – Classic 2, first start 09:00;

2 September, Friday – Foxoring, first start 09:00,
hamfest 19:30;

3 September, Saturday – departure.

Classic 1:

144 MHz: M50, M60, M70, W35, W45, W55 and W65;

3.5 MHz: M19, M21, M40, W19 and W21

Classic 2:

144 MHz: M19, M21, M40, W19 and W21;

3.5 MHz M50, M60, M70, W35, W45, W55 and W65.

7. Categories, Ranking, Awards

a) World ARDF Cup 2022 (24 - 27 August):

Categories: M19, M21, M40, M50, M60, M70, W19, W21, W35, W45, W55, W65,
unlimited number participants from each team/country

Ranking: Only Individual ranking for each category, for each competition

Awards: Medals and Certificates

b) World ARDF Championships (28 August - 3September):

Categories: M19, M21, M40, M50, M60, M70, W19, W21, W35, W45, W55, W65,
maximum 3 competitors per team, per category

Ranking: Individual ranking for each category, for each competition. Team ranking
for each category, only for the two classics

Awards: Medals and Certificates

8. Team officials' meetings

In Hotel Samokov, evenings before every competition from **20:30** local time.

9. Transmitters and antennas:

Frequency allocations for 3.5 MHz competitions:

frequency/competition	classic	sprint	foxoring
3530 kHz		TX 1...5	TX 1, 1F, 2, 2F
3550 kHz	TX 1...5	Spectator (S)	TX 3, 3F, 4, 4F
3570 kHz		TX 1F ... 5F	TX 5, 5F
3600 kHz	beacon	beacon	beacon

Frequency allocations for 144 MHz competition:

144.500 MHz TX 1...5

144.900 MHz Beacon

Output RF Powers:

3.5 MHz Classic TX 1...5 and Beacon 5 W;

3.5 MHz Foxoring 10 mW;

3.5 MHz Sprint 1W;

144 MHz TX 1...5 and Beacon 1 W.

Antennas:

3.5 MHz Classic and Sprint – 6 m vertical and 3 counterpoises each 2.5 m;

3.5 MHz Foxoring vertical 30 cm;

144 MHz – Crossed Dipole, horizontal, 2.5 m above the terrain.

10. Description of the marking devices:

SportIdent classic system will be used.

11. Size of the maps (not the paper on which it is printed), scales and vertical contour intervals of the maps for each competition

Sprint: 1:5000, h=5 m, Portrait, 27 cm x 19 cm;

Classic 1 - 1:10 000, h=5m, Portrait, 27 cm x 19 cm;

Classic 2 - 1:10 000, h=5m, Portrait, 27 cm x 19 cm;

Foxoring - 1:10 000, h=5m, Portrait, 27 cm x 19 cm.

12. The exact location of each competition area and its finish

Location of the finish points:

Sprint: 42.268708 N, 23.603667 E;

Classic 1: 42.246071 N, 23.436952 E;

Classic 2: 42.246071 N, 23.436952 E;

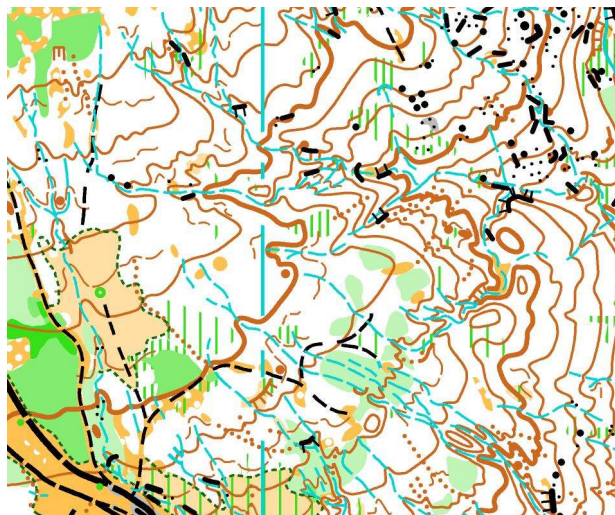
Foxoring: 42.372837 N , 23.451752 E.

13. Information about terrains/maps:

Terrain information and map samples are presented below. All maps have been reambulated in 2022. Each map is large enough so that individual sections of it can be used for a separate competition.

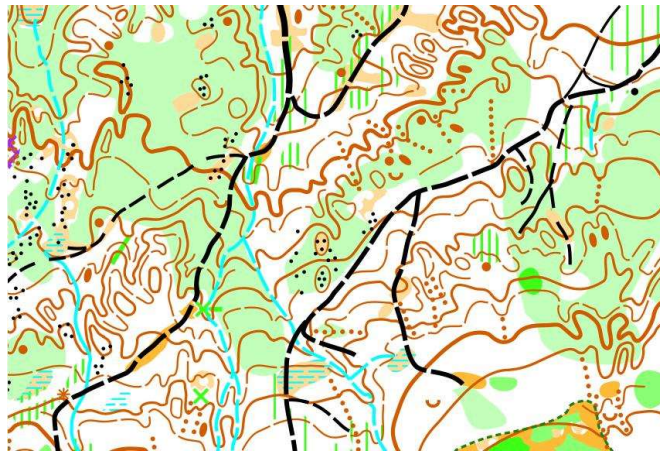
RELIOVO

Terrain form	Moderately steep to steep hills. Terrain with micro contours and some stones.
Vegetation	Coniferous forest and open lands.
Runability and visibility	Mostly excellent. Limited in the areas of young pine plantations. Reduced in some places with fallen trees – weak and thin trees pushed by the stronger winds.
Roads and paths	Good network of paths and roads



GOVEDARTSI

Terrain form	Flat to moderately steep slope.
Vegetation	Pine forest. Some new cutting areas.
Runability and visibility	Mostly good, but reduced in some places with denser vegetation. Reduced runability in the cutting areas and around road and paths leading to them because of the branches.
Roads and paths	Good network of paths and roads. Many new roads with different categories made by the cutters.



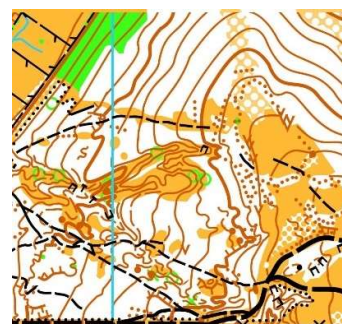
BOROVETS

Terrain form	Moderately hilly terrain in the nearest forest to Borovets resort; About 1300 meters above sea level
Vegetation	Pine forest
Runability and visibility	From good to very good
Roads and paths	Very good network of alpine ski and cross-country ski tracks and paths.



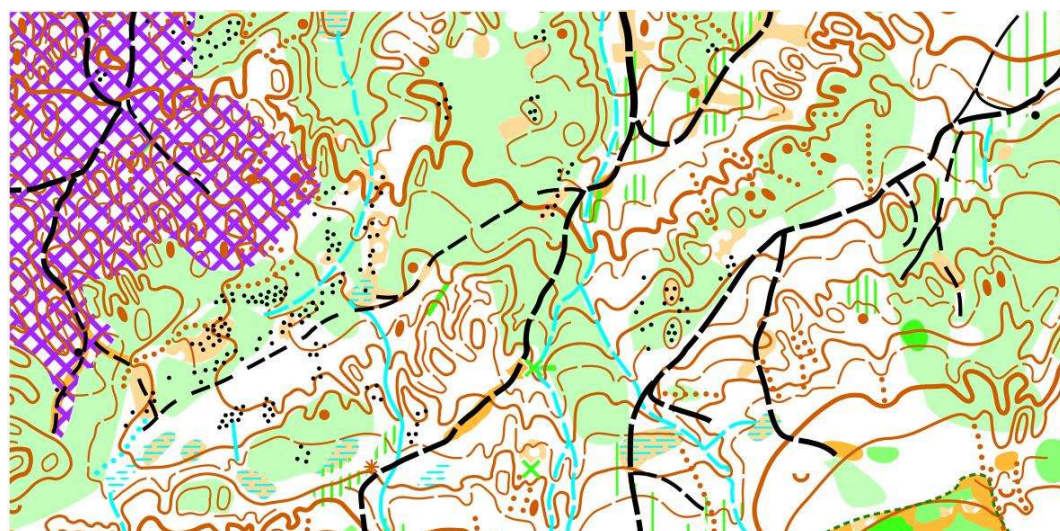
RIDO

Terrain form	Moderately steep terrain.
Vegetation	Mainly spruce forest with some open areas and some thickets.
Runability and visibility	Mostly very good, but reduced in some places with denser vegetation.
Roads and paths	Very good network of paths and roads



GOVEDARTSI - 2

Terrain form	Flat to moderately steep slope.
Vegetation	Pine forest. Some new cutting areas.
Runability and visibility	Mostly good, but reduced in some places with denser vegetation. Reduced runability in the cutting areas and around road and paths leading to them because of the branches. Cutting areas with very low runability are given with symbol 709.0.
Roads and paths	Good network of paths and roads. Many new roads with different categories made by the cutters.



14. Forbidden areas:

Starting from 8 June 2022 the following areas are declared forbidden for visits:

<https://www.google.com/maps/d/viewer?mid=1xEQnbYUwhLLfOqS-nlA8f5Yuzx21WaxJ&ll=42.30094648130875%2C23.498213549999985&z=11>

15. Weather in Borovets:

The climate in Borovets at the end of August / beginning of September is characterized by clear weather, relatively little or no precipitation and temperatures at night 10-12 degrees C and during the day 21-23 degrees C.

13. Summary of entries received for the World ARDF Championship

	Country	Comp	Officials	Visitors	Total
1	AUSTRIA	1			1
2	BULGARIA	22	1	5	28
3	CZECH REP.	30			30
4	ESTONIA	4			4
5	FINLAND	8			8
6	FRANCE	1	1		2
7	GERMANY	16			16
8	HUNGARY	26			26
9	KAZAKHSTAN	1			1
10	LIHUANIA	9			9
11	MOLDOVA	13	2	1	16
12	POLAND	4			4
13	REPUBLIC OF KOREA	6	4	4	14
14	ROMANIA	13		3	16
15	SERBIA	4			4
16	SLOVAKIA	18			18
17	SLOVENIA	7	1	1	9
18	SWEDEN	3			3
19	SWITZERLAND	3			3
20	TURKEY	2		2	4
21	UKRAINE	27			27
22	USA	8			8
		226	9	16	251

Russia has officially declared that there will be no its sportsmen.

Especially for the societies from IARU – Region 1 we would like to pay attention on the Rules for Championships in Amateur Radio Direction Finding, Item A 6.3:

*In order for IARU Region 1 Member Societies to be allowed to start as official competitors in an international IARU ARDF championship, they **must have fulfilled all their financial obligations to Region 1** by the end of the month prior to the month in which the Championships take place. If requested, facilities will be provided to accept outstanding fees together with payment of the championship fee and expenses.*

14. Visa requirement:

The citizens of the majority countries, expected to take part in the World ARDF Championships / World ARDF Cup, **do not need visa** to enter Bulgaria. Schengen visa is valid for Bulgaria. Participants from few countries (Belarus, China, Kazakhstan, Mongolia, Russia) require visa. Please check for your country in: <https://mfa.bg/en/services-travel/consular-services/travel-bulgaria/visa-bulgaria>

15. Letter of Intent (For those who like to make a decision at the last minute!):

LETTER OF INTENT

We:

(Full name of the society)

(Official abbreviation)

intend to take part in the ARDF events in Borovets, Bulgaria as follows:

a) World ARDF Championships (28 August – 3 September 2022). Our delegation will consist of:

1. Number of competitors:
2. Number of officials:
3. Number of guests/visitors:

TOTAL NUMBER of participants in this event (1+2+3):

b) World ARDF Cup (24 – 27 August 2022). Our delegation will consist of:

4. Number of competitors:
5. Number of officials:

6. Number of guests/visitors:

TOTAL NUMBER of participants in this event (4+5+6):

Contact person regarding **World ARDF Championships 2022** (responsible for the correspondence with BFRA):

Name and Family Name, Callsign:

Telephone number (including country and area codes):

E-mail:

On behalf of the society:

Date:

(Name and Family name, Position in the society)

Please fulfill this Letter of Intent and send it back **as soon as possible** to **bfra_hq@hotmail.com** with a copy to **lz3nn@abv.bg**

16. Transfer Sofia Airport – Borovets and back

The leaders of the teams, as well as members of the International Jury, that will travel by plane to Sofia are kindly asked to fill in the following table and **send it as soon as possible** to **lz3nn@abv.bg** with copy to **bfra_hq@hotmail.com**

Number of passengers	Arrival in Sofia: Date and time of arrival:	Flight Number, From:	Departure from Sofia: Date and time of departure:	Flight Number, To:

17. Application form:

Please complete the application forms attached with Bulletin 3 by August 10th.
Also, until this date, you can send photos of the participants for their badges.
After this date, badges will be issued without photos. E-mail: **lz3nn@abv.bg**

18. Additional information

For all participants - competitors, officials, visitors - there will be a gift set, but those who wish to have a T-shirt with the logo of the World Championships - such T-shirts will be sold in the hotel for 15 EUR each. (**Important!** In a few days, you will be able to see the design of these T-shirts, as well as other similar goods, on the website of the Championship www.ardf2022.eu). All Team leaders are kindly requested **to announce by August 10th at the latest** how many T-shirts to be ordered for their team and in what size (S, M, L, XL) by e-mail to lz3nn@abv.bg with copy to bfra_hq@hotmail.com

If you have any additional questions, please, do not hesitate to ask by mail to lz3nn@abv.bg

We are looking forward to meeting you in Borovets.

Bulgarian Federation of Radio Amateurs