

ARDF IARU

European

Region 1

World

W/EYAC

Championships

in general and the

Netherlands participation

Addition:

23th IARU Region 1 Championships

4th EYAC Worldchampionships

2021 - Bulgaria

Jan Hoek - PA0JNH

57. 2021 - BULGARIA: 23TH ARDF IARU REGION 1 CHAMPIONSHIPS

The 20th IARU ARDF World Championships were scheduled for August 30 to September 5, 2020 in Zlatibor in Serbia. To be organized by the Amateur Radio Union of Serbia (SRS).

Due to the outbreak of a corona epidemic (COVID-19), more and more travel and other restrictions were introduced. In the end, it was decided to cancel the championships and (for the time being) move on to 2022.

The same applied to the 4th World Youth Championships (WYAC) to be held from June 26-30, 2020 in Ajdovščina in Slovenia. To be organized by the Association of Radio Amateurs of Slovenia (ZRS). These were also cancelled.

The availability of vaccines and testing facilities increased the possibilities for organizing a larger ARDF event in mid-2021.

In June, the Bulgarian association BFRA presented a proposal to organize this year's IARU Region 1 ARDF Championships in Bulgaria. Simultaneously then, in the same place, would be held:

- 18th IARU Youth Championships (EYAC);
- 23rd IARU Region 1 ARDF Championships.

This has been approved by the Region 1 ARDF WG. The matches were held from August 28 to September 3 in the area of Bansko in Bulgaria, approximately 130 km south of Sofia. It was the 9th time that Bulgaria hosted the Championships (Youth, Region 1 or World). In 1982 they were cancelled (military situation). In 1996 they were in Borovets (also in a ski area south of Sofia) and in 2002, 2006, 2009, 2011, 2014 and 2016 they were in seaside resorts on the Black Sea. The organization was in the hands of the BFRA, the Bulgarian Federation of Radio Amateurs.



2754. 2021: Hotel Sunrise



2755. 2021: Hotel Mountain Paradise by the Chestnut Trees.

Bansko is a well-known ski resort, at an altitude of about 900 m, located at the foot of the Pirin Mountains, about 130 km south of the capital Sofia.



2756. Logo of the 23rd Region 1 and 18th EYAC Championships.

The participants were accommodated in two adjacent hotels. **Sunrise and Mountain Paradise by the Walnut Trees.** Located only 5 - 10 minutes walking from the historic centre of Bansko. See map [2758]. Available were 42 double rooms (studios) for single or double accommodation, 95 triple rooms (apartments) and 17 double apartments with the possibility of accommodating 4, 5 or 6 persons.

The organization was based in **Mountain Paradise** and this was also where the meetings with the team officials were held, always at 8.30 pm the night before each game.



2757. 2021: A double room in hotel Sunrise.

Transport was arranged between the airport at Sofia and Bansko. A journey of just over two hours. The costs depended on the number of people to be transported.

Resources for this chapter

Use has been made of the information on the website of the organization [/ardf2021.eu]. Such as the bulletins, the start-and results lists, photos, etc. And from the DARC website [ardf.darc.de/contest/]. Use was also made of photos taken for the Czech team by Necik [zonorama.com/FotoNecik/1050720] and information on Facebook and on ardf.ru. Photos and other information were also made available by Igor Lazarev- US0VA, Kurt Smet - ON4CHE, Marcela Sruťová from Czech Republic, Chermen Guliev - UA3BL, Ole Garpestad - LA2RR, Karl-Heinz Schade - DL7VDB, Gerald Eichler - DL1DSR, Panayot Danev - LZ1US, Anđelko Kos - 9A3CEU, and others.

Covid-19 situation in Bansko

Shortly before the championships Bulletin 4 was published with a detailed overview of the measures that would be in effect for all participants during the event. For example:

- Keep social distance, at least 2 meters.
 - Face mask off only during competitions, drinking/eating and in a car/bus. Masks have a limited re-use. Dispose of them frequently.
 - Wash hands frequently using soap (from the dispenser) and use sanitiser/disinfectant.
 - Avoid unnecessary contacts (spectators, family etc).
- During the competitions, the following applies::
- Outdoors you may be without mask but observe social distancing (we recommend using a mask as frequently as possible).

- Referees, Jury members and organizers should use masks. The organizers have an agreement with the official medical laboratory in Bansko to conduct PCR tests at the hotel where the participants will be accommodated. The tests will be done on 1st and 2nd on September for those participants for whom their country requires such a test before returning home.



2758. 2021: Bansko city map. On the orange/red dot approximately in the middle is the central square where the awarding ceremonies would take place. The red square indicates the location of the hotels on the outskirts of town and close to the ski lift.

Euro Cup 2021

Immediately prior to the Region 1 Championships, four ARDF matches were held around Bansko from August 24 to 27. These can be seen as extra training for the championships. Everyone could participate, from category W14 to M70.

For the winners there were medals and certificates. There was no team classification, only an individual classification per category.

See 57.1 on page 899 and following for an overview.

The costs for the participants

Accommodation and full board (all inclusive) - for all events, for all participants, officials, visitors including additional days in case of earlier arrival and/or later departure:

- **Single accommodation** € 45 per day;

- **Double room accommodation** € 35 per day, per person, € 32 for categories W14/M14, € 28 for children 7-13 years old.

- **Apartment for three or more persons** € 30 per day, per person, € 27 for categories W14/M14, € 25 for children 7-13 years old;

- Children up to 6 years old free (if accompanied by two adults).

Starting fees:

- IARU R1 Championships: € 50 per person per start;
- European Youth Championships: € 30 per person per start in classics and sprint, € 20 in Foxoring;
- Euro Cup € 10 per person, per start.

Transportation to the terrains and back for all events for competitors, officials, visitors € 5 per person per day;

Fee for officials participating in team leaders meetings, Working Group meetings etc., if not competitors, € 50 per person (once only per team).

Categories and numbers of participants

Region 1 Championships and Youth Championships (EYAC) are together 16 categories: W14, W16, W19, W21, W35, W45, W55, W65, M14, M16, M19, M21, M40, M50, M60, M70. This is the new division into the categories, one category has been added for women. There were 241 participants from 20 countries in the Region 1 and 80 participants from 10 countries in the youth championships.

Each country could participate in each of the four competitions with teams of up to three people per category. For youth (EYAC) this number is five.

Anyone could participate in the Euro Cup. There were approximately 140 participants.

The program of activities

Euro Cup 2021:

Monday 29 August: Arrival, Accommodation;
 Tuesday 30 August: Classic ARDF 3.5 MHz, Awarding;
 Wednesday 31 August: Classic ARDF 144 MHz, Awarding;
 Thursday 1 September: Sprint, Awarding;
 Friday 2 September: Foxoring, Awarding;
 Saturday 3 September: Departure/Free time for participants in the Region 1 Championships.

EYAC and Region 1 championships:

Saturday 3 September: Arrival, Accommodation, Training (Sprint and Foxoring);
 Sunday 4 September: Foxoring, Awarding;
 Monday 5 September: Sprint, Training (classics), Awarding;
 Tuesday 6 September: First classic ARDF, Awarding;
 Wednesday 7 September: Excursion, Free time;
 Thursday 8 September: Second classic ARDF, Awarding, Hamfest;
 Friday 9 September: Departure.

Bus transport

The buses to the start depart every competition day at 7:30 am [2789] from the *Mountain Paradise by the Walnut Trees* hotel.

The buses to the finish (for officials and visitors) leave at

09:00 am. From the finish, the participants will be returned to the hotel at regular intervals.

The terrains

The sprint terrains will be flat and easy to cross. The terrains for the other competitions will be pop-mountainous, moderately rugged, covered with deciduous and coniferous forests, with frequent presence of small rivers and streams, with a relatively good network of forest roads and trails.

Competitors' clothing must comply with the above features.

The climate

The climate in Bansko 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.

The maps

The maps were according to the IOF standard, with lines at a height difference of 5 m and had the following dimensions:

- Sprint: A4, landscape and scale 1:5.000
- 1st ARDF: A4, portrait and scale 1:10.000
- 2nd ARDF: A4, landscape and scale 1:10.000
- Foxoring: A4, landscape and scale 1:10.000

The maps were of good quality and they contained many details. They were printed on waterproof Pretex paper.

The technique

Competition registration system

Use was made of the SPORTident system with read/write stations at the transmitters and SI-cards (chips) carried by the participants to store the data received at the transmitters. And the FjwW software from Karl-Heinz Schade-DL7VDB was used for the registration of the entire championships. As a member of the jury, he also took care of the operation of the necessary equipment on site.

Frequencies for the 80 m 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

2759. 2021: The frequencies for the 80 m Classic, Sprint and Foxoring competitions.

Frequencies for the 2 m competition

145,500 MHz TX 1 ... 5

144,900 MHz Finish beacon

Power output (RF power)

3,5 MHz - Classic TX 1...5 and finish beacon 5 W

3,5 MHz - Foxoring 50 mW

3,5 MHz - Sprint 1 W

144 MHz - TX 1 ... 5 and finish beacon 1 W

Antennas

3,5 MHz - Classic and Sprint - 6 m vertical and three counterpoises of each 2.5 m.

144 MHz - cross dipole, horizontal, 2.5 m above ground level.

At the time of writing this chapter, one of the participants commented that according to him the power of the 80 m transmitters had varied uncontrollably.

Inquiry gave as a possible explanation: "On 80m the counterpoise (ground wires) were very short and not in straight lines. This results in that the transmitters are a bit weaker when you approach and only get very strong when you are very close. With longer counterpoise, the strength of the transmitter will be more linear as you get closer to the transmitter. This gave some competitors the impression that the power was varying. All transmitters were confirmed to run the same power all the time and also during the model event."



2760. 2021: The ARDF transmitters for 2m and 80m.



2761. 2021: The technical workshop.



2762. 2021: The Foxoring transmitters



2763. 2021: Various tools for the competitions.

LZ23ARDF

During the competition days, a special amateur station was set up in the Apart hotel (between Sunrise and Mountain Paradise), operating under the callsign LZ23ARDF. This could be used by the participants.

It consisted of an Elecraft K3 transceiver with an ACOM 1000 amplifier. See [2764]. The antenna was a dipole. [2765]. There was a problem with a high level of interference in the area. A special QSL card was designed to confirm the QSO's, see [2767].



2764. 2021: Igor - US0VA at LZ23ARDF. At the right Dragan Manojlovic, YT5DM.



2765. 2021: The (open dipole?) antenna of LZ23ARDF hung between the 2 hotel buildings.



2766. 2021: Olandsport, who was also present at the finish with a sales stand, was the maker of the official clothing.



2767. 2021: The special QSL card (front).



2768. 2021: The special QSL card (back).



2769. 2021: The International Jury and the Observers. Standing from left to right LZ1RT, US0VA, LZ3NN, YU3GD, 9A5SP, SM5FUG, 9A5SP, YU1EA, OK1CHE, LA2RR. Squatting: ON4CHE en DL7VDB. Photo: Patrissia, daughter of LZ3NN.

The International Jury

For these championships a jury was composed of the following persons, see [2769].

Chairman of the Jury: Ole Garpestad - LA2RR,

Siting Referee: Viktor Tsenkov, LZ3NN

Technical Director: Stoyan Topalov, LZ1STQ

Jury Members: Karl-Heinz Schade - DL7VDB, Igor Lazarev - US0VA, Jiri Pavlu - OK1CHE, Jan Palmquist - SM5FUG, Dusan Ceha - YU1EA, Kurt Smet- ON4CHE Roussko Roussev- LZ1RT, Stipe Predanić, 9A5SP [2770] *).

Assistant: Dragan Gačpar, YU3GD *).

Secretary of the Jury: Patrissia Tsenkova (BUL) [2771].

*) Lucien Vidal - F4DKA was appointed but could not come due to the corona problems. His place was taken by assistant 9A5SP. He and YU3GD have not yet been officially appointed as judges by the Region 1 ARDF WG.

This jury worked for both the Youth Championships (EYAC) and the Region 1 Championships because they were held simultaneously and in the same place. After four days of competition, there were no protests.

There are judges at the start, in the field and at the finish. The jury ensures that rules are followed, mistakes are avoided and that honesty is paramount. They have the authority to require adjustments as they deem necessary to meet the requirements of the event.

One competitor was disqualified from the 2m classic ARDF during these championships.

It may be useful to reiterate that the judges pay attention to, among other things, the use of prohibited means of communication, such as mobile telephones, and to communication between participants in the field. According to responses from participants, the latter would have been the issue here.



2770. 2021 - Foxoring: While building up the start location, a forester had parked his horse and flat transporter along the start corridor B. Judge Stipe Predanić - 9A5SP explains to him what is going to happen.



2771. 2021 - 2nd ARDF: The secretary of the jury, Patrissia Tsenkova, and collaborators.

57.1. EURO CUP 2021

The Euro Cup competition areas were relatively close to Bansko. Map [2772] shows their global location. The procedure is roughly the same as at the championships. There is only individual participation, there are no teams. The two classic ARDF competitions are each on one band. The first at 80 m and the second at 2 m.

Before the start, there were also tables with the transmitters to search for per category at these competitions.

The GPS tracks of 20 to 30 participants in the Foxoring and the 2 m ARDF competitions could (still?) be followed on gps.tracksport.eu. Choose from a list.

The four maps shown here are without the border, only the maps of the competition area.



2772. The competition areas of the Euro Cup 2021.

The first day EC - classic 1 - 80 m

On August 25 was the 1st classic ARDF. For this they went to the Katarino hotel complex just west of Razlog, located about 8 km northwest of Bansko.

Terrain form Moderately steep to steep hills. Some places with micro contours.

Vegetation Mainly spruce forest with some open areas and

some thickets.

Runnability Mostly good, but reduced in some places with denser vegetation.

Visibility Visibility is generally very good - limited in areas of young pine plantations and dense vegetation.

Roads and paths Very good network of paths and roads

At the start, the terrain was at approx. 890 m and at the finish at 940 m. On the far left, F3 was at 1030 m and at the top left, F5 was at approx. 1120 m. F1 was at 990 m and F4 at 830 m.

In view of the many closely spaced contour lines, it was important to choose the most favourable paths with few height differences as much as possible.

134 persons participated in the 1st classic ARDF.



2773. 2021: The map of the 80 m ARDF. Scale 1:10,000, contour lines at 5m. The circle segment on the right is of the start of the 2 m competition, the following day.

Minimum of running routes >>>>>

W14	S-4-1-2-B-F	3410 m
W16	S-1-2-3-B-F	4280 m
W19	S-4-1-5-2-B-F	4630 m
W21	S-4-2-5-3-B-F	4840 m
W35	S-2-5-3-B-F	4000 m
W45	S-4-2-3-B-F	4150 m
W55	S-1-2-3-B-F	4280 m
W65	S-4-1-2-B-F	3410 m
M14	S-4-1-2-B-F	3410 m
M16	S-1-2-3-B-F	4280 m
M19	S-4-1-5-3-B-F	4870 m
M21	S-4-1-2-5-3-B-F	5410 m
M40	S-4-2-5-3-B-F	4840 m
M50	S-4-1-2-3-B-F	4720 m
M60	S-2-1-5-3-B-F	4600 m
M70	S-4-1-2-B-F	3410 m

2774. 2021: EC-ARDF 80 m. Transmitters to search for by category and the optimal route.

The second day EC - classic 2 - 2 m

On August 26, was the 2nd classic ARDF. The start was at exactly the same place at the 1st classic ARDF.

The terrain data is therefore the same as for the 1st classic. But the start was now on the far right of the map at about 870 m. To the left the terrain gradually rose: F1 at 930 m, F3 at 940 m, F2 at 1000 m, F4 at 1010 m and F5 at 1070.

123 People participated in the 2nd classic ARDF.

**KATARINO**

2775. 2021: map of the 2m ARDF. Scale 1:10,000, contour lines at 5m. The circle segment below is of the start of the 80m competition, the previous day.

Minimum of running routes >>>>>

W14	S-3-1-4-B-F	2810 m
W16	S-1-2-4-B-F	3430 m
W19	S-1-4-2-5-B-F	4720 m
W21	S-3-1-2-5-B-F	4970 m
W35	S-3-4-2-5-B-F	4930 m
W45	S-3-1-4-5-B-F	4870 m
W55	S-3-1-2-4-B-F	4210 m
W65	S-3-1-2-4-B-F	4210 m
M14	S-3-1-4-B-F	2810 m
M16	S-1-2-4-B-F	3430 m
M19	S-3-1-2-5-B-F	4970 m
M21	S-3-4-1-2-5-B-F	5460 m
M40	S-1-4-2-5-B-F	4720 m
M50	S-3-4-2-5-B-F	4930 m
M60	S-3-1-4-5-B-F	4870 m
M70	S-1-2-4-B-F	3430 m

2776. 2021: EC-ARDF 2 m. Transmitters to search for by category and the optimal route.



2777. 2021: EC: There were separate participant numbers to be worn at the Euro Cup.



2778. 2021: There were also certificates for the individual winners for the participants in the Euro Cup, but no team prizes.



2779. 2021 - EC ARDF 2m: The awarding ceremonies took place in the hotels garden.



2780. 2021: There were medals for the individual EC winners. Same as in the Region 1 competitions, with a different text.

The third day EC - Foxoring and Sprint

On August 27, the Foxoring (morning) and Sprint (afternoon) took place in succession.

For the **Foxoring** they went to Bachevo, which is about 10 km north of Bansko. This is where the Foxoring of the Championships was also held later.

The start and finish were in the same location as at the Foxoring of the championships. But the competition area was a little further south. At the start and the finish the terrain was at about 900 m and to the top left it gradually rises to about 1040 at F9. Here too it was important to choose the right paths to avoid differences in height as much as possible.

119 People took part in the Foxoring.

Terrain form Moderately steep to steep hills. Terrain with micro contours and some stones.

Vegetation Mainly spruce forest with some open areas and some thickets.

Runnability Mostly very good, but reduced in some places with denser vegetation.

Visibility Visibility is generally very good - limited in areas of young pine plantations.

Roads and paths Very good network of paths and roads.

After lunch at the hotel in Bansko, at 4 pm they went by bus to the Sprint. The competition area was about 2 km southwest of Bansko.

The terrain was quite flat. The start was at 1180 m, the finish at 1070 m. To the finish, the terrain went down slowly. The transmitters were all located at altitudes between 1200 m (1) and 1090 (1F). Ideal for a sprint.

136 People took part in the Sprint.

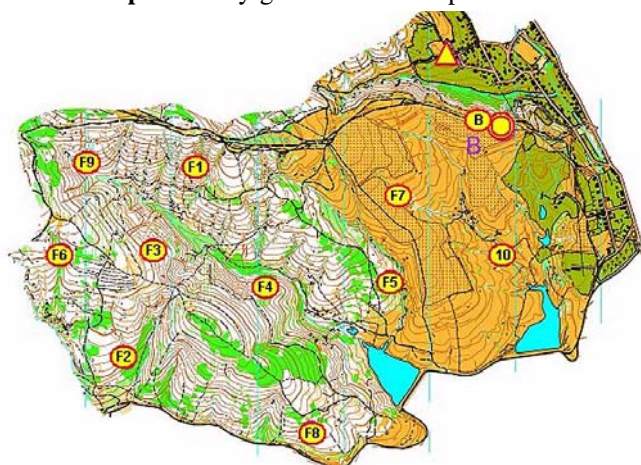
Terrain form Moderately steep terrain.

Vegetation Mainly spruce forest with some open areas and some thickets.

Runnability Reduced in some places with denser vegetation.

Visibility Visibility is generally good - limited in areas of young pine plantations and dense vegetation.

Roads and paths Very good network of paths and roads.



2781. 2021-EC: map of the Foxoring. Scale 1:10,000, contour lines at 5m. Note: F6-F9 are in the table [2782]; 1F-5F.

Minimum of running routes >>>>>		
W14	S-1-2F-5-10-B-F	2940 m
W16	S-1-1F-3-5-2F-B-F	3450 m
W19	S-2F-1-3-4-3F-5-10-B-F	4060 m
W21	S-1-4F-1F-3-2-3F-4-B-F	4650 m
W35	S-1-4F-1F-3-5-B-F	3560 m
W45	S-2F-1-4-5-10-B-F	3110 m
W55	S-1-2F-5-10-B-F	2940 m
W65	S-1-4-5-2F-B-F	2650 m
M14	S-1-1F-4-5-B-F	3410 m
M16	S-1-1F-3-4-10-B-F	3650 m
M19	S-1-4F-1F-3-2-3F-5-10-B-F	4650 m
M21	S-2F-4-3-1-4F-1F-2-3F-5-10-B-F	5210 m
M40	S-1-4F-1F-3-2-3F-10-B-F	4560 m
M50	S-4F-1F-3-2-3F-4-2F-B-F	4630 m
M60	S-1-4F-1F-3-4-2F-B-F	3440 m
M70	S-1-4F-3-4-2F-B-F	3160 m

2782. 2021-EC: Foxoring. Transmitters to search for by category and the optimal route.

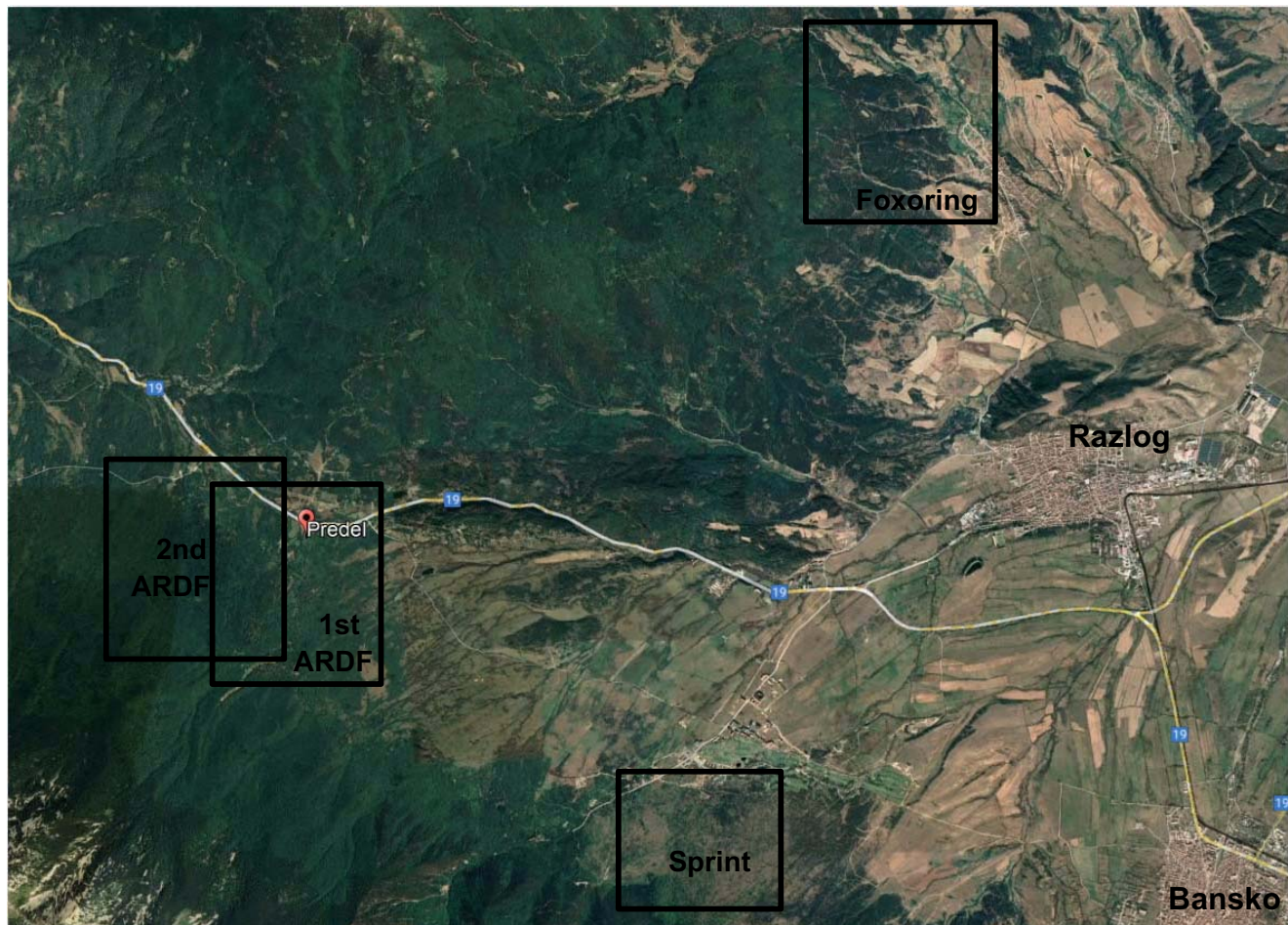


2783. 2021-EC: map of the sprint. Scale 1:5,000, contour lines at 5m.

Minimum of running routes >>>>>		
W14	S-3-5-S-2F-1F-5F-B-F	1460 m
W16	S-3-2-5-S-3F-4F-2F-B-F	1940 m
W19	S-1-3-2-S-2F-3F-4F-1F-B-F	2060 m
W21	S-3-1-5-2-S-3F-4F-1F-5F-B-F	2040 m
W35	S-1-2-4-S-2F-4F-1F-B-F	1800 m
W45	S-2-5-S-3F-2F-5F-B-F	1770 m
W55	S-3-2-S-2F-1F-5F-B-F	1430 m
W65	S-2-4-S-2F-1F-B-F	1360 m
M14	S-3-2-S-2F-1F-5F-B-F	1430 m
M16	S-5-2-4-S-2F-4F-5F-B-F	1810 m
M19	S-1-5-2-4-S-2F-3F-4F-1F-B-F	2170 m
M21	S-3-1-5-2-4-S-2F-3F-4F-1F-5F-B-F	2330 m
M40	S-3-1-5-2-S-2F-3F-4F-1F-5F-B-F	2290 m
M50	S-3-2-5-S-2F-4F-1F-5F-B-F	1790 m
M60	S-3-2-4-S-2F-4F-1F-B-F	1530 m
M70	S-2-4-S-2F-1F-5F-B-F	1410 m

2784. 2021-EC: Sprint. Transmitters to search for by category and the optimal route.

57.2. EYAC AND REGION 1 CHAMPIONSHIPS



2785. Bansko and the four areas in which the competitions were held. They were a little further from Bansko than those of the Euro Cup.

The course of events during the competition days

The transport

All competitions were held in the Bansko area. There was transport to the competitions with several buses of different make. The departure was at 7.30 am. Travel time was between 15 and 25 minutes. The first start was at 09:00.

After the competitions there was a regular bus service that brought the participants back and dropped off at the hotel. There was always a bus waiting and it left when it was full.

Weather

The weather was about as promised in the Bulletins. In the morning it was a bit cold, but in the afternoon the temperature rose to an average of about 16 degrees. Until the 2nd classic ARDF it got a little cooler every day. But at the Foxoring the sun shone (too) exuberantly. Sometimes it drizzled in the afternoon or towards evening.

The competitions - starting groups

Because these championships were a combined competition in which the four youth categories (W16/16 and M14/16) also participated, there were a total of $12 + 4 = 16$ categories with around 300 participants. These must all, according to the rules, be divided into starting groups that start every few minutes.

No competitors in the same category may start at the same time. That makes the classification complicated, but the computer program takes care of this. With a start every five

minutes, there are therefore $60/5 = 12$ start groups per hour. The minimum size of a start group therefore mainly depends on how much time can be set aside for the total start. For example 4 hours. Then there are approximately $300/48 = 6$ people per starting group.

There were a total of 274 participants in the Sprint, divided over 46 starting groups. Each thus contained an average of almost 6 participants. That is possible because the Sprint started every two minutes.

In this competition, the participants in the four youth categories were the first to start separately. That gave 21 starting groups of 4 people every two minutes. This lasted from 9 a.m. to 9:40 a.m.

Then came the other 12 categories from 09:50 to 10:38, with 25 starting groups of around 8 people also starting every two minutes. It went very fast, but that is also the purpose of the Sprint...

Both **classic ARDF** competitions started every five minutes. In these competitions all $12 + 4$ youth categories started together. As a result the start of all participants took considerably longer than with the Sprint and the starting groups were also larger.

In the **1st classic** there were a total of 281 participants, divided over 28 starting groups. Each thus contained an average of almost 9.7 participants. The start lasted from 9 a.m. to 11:20 a.m.

In the **2nd classic** there were also a total of 281 participants, divided over 26 starting groups. Each thus contained an average of nearly 10.8 participants. The start lasted from 9:00 AM to 11:10 AM.

In the **Foxoring** a total of 249 participants were divided over 27 starting groups. Each thus contained an average of nearly 9.2 participants. The starts were every four minutes. In the youth categories, 1 to 4 always started in the first 23 starting groups.

It is common for the Foxoring to have fewer participants than for the other three ARDF competitions.

Facilities at start and finish

At each start, a waiting or quarantine area was separated with ribbons. Inside there were a number of toilet cubicles, except at the Foxoring. In the waiting area were six 3x3 m tents as shelter from the sun or rain. The Czech team also brought their own tent this time, which was in the finish area [2833]. In the waiting area was an information board with the competition information, start list and a map of the area (but without the location of the transmitters...) [2851]. Because of that everyone can already determine his/her strategy here.

The luggage could be deposited at a designated place. It was transported by car to the finish.

At the edge of the waiting area was a place where the participants of the next starting group gathered one after the other. Here the participant number and chip number were checked and compared with the start list. The chip was also erased and tested here..

There was a digital clock showing the start time of the participants.

Just outside the waiting area, except for the Foxoring, were two large plastic groundsheets. The receivers were placed on this it at arrival per country. At the Foxoring, the participants are allowed to keep their receivers with them because no competition transmitter can be heard here anyway...

A little further were two tables. Here, except for the Foxoring, the map was given and one could adapt it to one's own insights (cutting, pasting, etc.). The exclusion circles of 750 m and 400 m, around the start and the finish beacon and the start and finish itself were already marked on the map.

And even further away, usually out of sight of the participants in the waiting area, was the begin of the 2 start corridors A and B. The categories were divided between these.

Some distance before the finish, often on the edge of the forest, the **finish corridor** begins. At the beginning of it is the finish beacon (MO) and two SI stations. Only at this point may one enter the corridor.

Its length depends on the situation on site, 30 m for the sprint, 130 m for the 1st ARDF, 50 m for the 2nd ARDF and the Foxoring. The corridors were relatively short here.

The corridor ends under the finish arch, below which are two SI stations. The end time is recorded here. Immediately afterwards, in a tent, the reading of the chips follows. And one gets a label with the achieved result printed on it [2843].

A little further on is a tent with monitors on which the current intermediate and final positions per category are shown.

According to Bulletin 4 there was a point of sale of sports equipment (Olandsport) at both classic ARDF and Foxoring competitions. Here it was only possible to pay with Euros. An ambulance was always available for emergencies at all four competition days.



2786. 2021 - 2nd classic ARDF. There was another event (stage in the middle) in the main square before the start of the awarding ceremony. On the left the banner with the flags of the participating countries and on the right the podium for the awarding ceremonies.

Ceremonial gatherings

Due to the covid-19 issue, the Opening ceremony and the Awarding ceremonies would be held outdoors.

For this, the main square Nicolas Vapcarov was available [2786]. Nicolas Vapcarov is considered one of the most important Bulgarian poets. His statue stands on the edge of the square. The square is about 1 km (as the crow flies, about a 25-minute walk) from the hotels. A walled watercourse runs along a large part of the route to it [2787] straight through the city, from the mountains to the north.

But because the square was occupied on the scheduled day of the opening ceremony, the opening was moved to the following day. And therefore immediately preceded the awarding ceremony of the Sprint.

And because it rained heavily that day, the opening ceremony that was to take place on an open-air stage in the square was

moved to the hall of Bansko's adjacent Municipality Hall. Immediately afterwards also the awarding ceremony of the Sprint also took place here. The central square was available for the three other competition days.

At the awarding ceremonies of the individual participants, the national anthem of the winning country (shortened...) was played. And they were very often the same (Czech Republic, Ukraine and Russia).

There was no projection of the results and no flags were hoisted. The medals were presented by the members of the jury and other officials.

It turned out to be perfect and time-saving that the prizes for the teams were awarded immediately after the prizes of individual winners in each category. And without playing the national anthem with the teams.



2787. 2021: Juror Igor - US0VA at the Glazne watercourse that runs right through the city. See [2790]

The organisation

From the reactions it can be concluded that the competitions were well organized and largely ran according to the rules. The jury was always present, but seldom to be found in the competition area (or concealed?).

After a first incident, which could not be prosecuted due to identification problems, bib numbers for the back were also awarded on the second race day.

As in 2015, the group of helpers was a Bulgarian-Russian collaboration. Unobtrusively, they did a great job deploying and operating the transmitters. The chairman of the international jury, Ole Garpestad - LA2RR, was much more satisfied than five years ago with the same constellation in Albena.

Karl-Heinz Schade, DL7VDB, was the master of the evaluation with his software FjwW. On the first days there were some problems with the operation of the results display monitors at the finish. On the one hand, the representation was made more difficult by the separate evaluation of the young people, on the other hand, the local monitors could not be convinced to give the correct representation.

The direct reporting by the organizer on the official website of the championship (ardf2021.eu) was rather moderately successful. For the results, reference was made directly to the DARC-ARDF page (ardf.darc.de/contest), where Karl-Heinz always promptly published them. The almost 500 hits show great interest.

Lodging and care

For the 241 participants (Region 1) plus the 88 young people (EYAC) plus trainers, supervisors, jury and helpers from 20 countries, two adjacent middle-class hotels were reserved in the winter sports resort of Bansko: the Sunrise and the Mountain Paradise. Staff were available sparingly.

Often the reception or bar was not manned. The lobby was very popular, not least because WiFi was only available there.

It was a bit cramped in the dining room, as only one dining room was opened here for two hotels. The outdoor areas in the hotel garden were very popular, because the corona rules for maximum occupancy were clearly violated inside. To improve hygiene, protective gloves were offered at the buffet, which was accessible from two sides and often had long lines waiting. The furniture gave a makeshift impression.

Located on the outskirts of the city, on the west side of the hotels there was a direct view from the balcony to the tops of the two middle mountains.

The stay included full board with breakfast, lunch and

dinner. Well prepared hot dishes were served with all meals. It is known that coffee, bread, sausage and fish are not among the highlights of Bulgarian cuisine, but the salads could score. In addition to water, beer and wine were also included in the main meals. Fruit and pastries for dessert were appreciated by the participants.

The partly young, hired service workers had their hands full feeding the hungry mouths of the athletes. Sufficient crockery and cutlery could not always be supplied. So the personal coffee cup definitely had an advantage.

From 10 a.m. to 7 p.m., two swimming pools and three saunas were available to hotel guests. And there was an excellent range of massages, which were not expensive.



2788. 2021: The build-up of the fireworks that were set off at the end of the hamfest, as the conclusion of the event.



2789. 2021: 1st ARDF - time 07.22. The participants gather on the street and wait for the buses that will take them to the start.

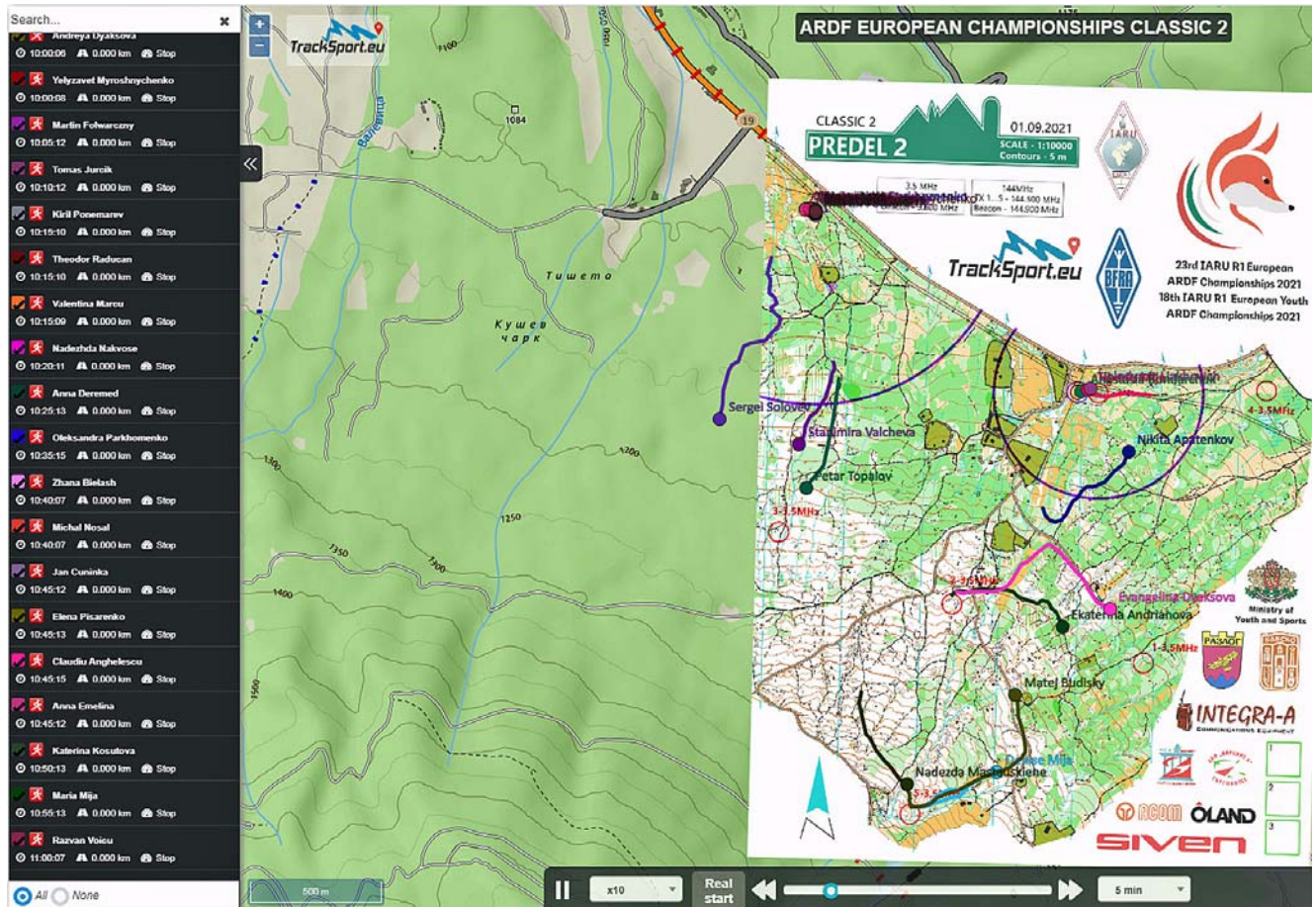


2790. 2021: View of the central part of Bansko. The location of the hotel and the central square, where the awards ceremonies took place, are indicated by a red mark. A water runs right through the city (Glazne), see also [2787].

Special (new) technical provisions

During these championships, experiments were carried out with a number of (new) technical provisions related to following the progress of the competitions.

- a number of participants were followed in the field via GPS;
- the current information from the SPORTident stations in the field was passed on to the finish;
- there were real-time images of the finish and from the field.



2791. 2021: 2nd classic ARDF: The screen when, after the competition, viewing the routes of the participants who were equipped with GPS. At the beginning they are all at the start, at the end at the finish. Some participants ran out of the map on the left.

Left: the list with the names of the participants with GPS, with the time of the last data received (probably), the distance walked in the meantime and the pace at which it is run (minutes/kilometres). Stop means that the finish has been reached, or that one has not yet started.

Below: three choice options real-time 1x to 500x as fast, the start per participant (real-start), as above or all at once (mass start) and the length of the 'tail' behind the participant in minutes. If the length is selected too long and mass start at the same time, the image will fill up very quickly...

Experiment with GPS location of the runners

An experiment was done with 20 to 30 participants in the Foxoring and the 2 m and 80 m ARDF competitions of the Euro Cup. And also with 80 m runners of the 1st and 2nd classic ARDF and the Foxoring of the championships. On average, one of each starting group carried a GPS receiver with a connection to the GSM network (GPS tracker), dimensions approx. 40 x 60 x 15 mm without display. The devices are designed by Viktor's (LZ3NN) company (the organizer of the championships). And they weren't smartphones.

They continuously pass on the location to the website on which it is processed (gps.tracksport.eu/). Also the website belongs to a Bulgarian company, which probably involves Viktor, ARDF people and his firm. At the finish, the individual data of the runners was also entered.

After the competition, the progress of these four competitions of the participants with GPS could be followed via the Internet.

They were (are still?) available at <https://gps.tracksport.eu/> (also accessible via the championships website (ardf21.eu). From a list you can choose the competition you want to see.

It's a great system with many possibilities, gps.tracksport is the main partner of the Bulgarian Orienteering Federation (BOF) in the field of GPS tracking.

Real-time Information from the SPORTident stations in the field

At the finish, as always, the data collected by the participant in the field was read out and the end result was shown on the screens [2794] and printed on a label given to the participant [2843]. This is standard in all championships. There was also something special here. A so-called **LoRa Meshed** (Long Range - mesh-shaped) network was used for the first time. This here worked at around 440 MHz with a transmit power of 100 mW. Dimensions approx. 10x5x5 cm.

2792. 2021: LoRa transceiver, sheltered from the rain, in bottle.



The transceivers hung on the posts of the SPORTident stations [2793]. They were connected via the cable from the station's serial interface.

Each SPORTident station passed on the data (chip number and time) via this network to the FjwW program at the finish. With this, the transmitters already found were also shown on the screens at the finish, so before the participant had reached the finish [2794]. In practice, however, this turned out not to work optimally. Only 25 - 30% of the reports came in. This created an incomplete picture. But after reading the chip of the participants, this was automatically supplemented.

This was also done at the World Championships in 2006 and also in 2016 (also in Bulgaria). Then with much larger equipment on 175 MHz with 1-5 watts [2795]. That gave better results.



2793. 2021: LoRa unit in the field.

PL	NAME	CAT	CLUB	RUN TIME	FOX	STWO	SEQUENCE
1.	Šimáková, Jitka	CZE		14:39	8	197	S-3-2-1-S-1-S-1-5F-4F-B-F
2.	Romashkevich, Ekaterina	RUS		16:58	8	38	S-3-2-1-S-1-S-1-5F-4F-2F-B-F
3.	Sokolova, Julia	BUL		17:12	8	363	S-1-2-1-S-1-S-1-5F-4F-2F-B-F
4.	Mija, Eliana	ROM		21:44	8	134	S-3-2-1-S-1-S-1-5F-4F-B-F
5.	Ovchinnikova, Elena	RUS		23:58	8	39	S-3-2-1-S-1-S-1-5F-4F-B-F
6.	Kosyr, Nataliia	UKR		25:38	8	88	S-3-2-1-S-1-S-1-5F-4F-B-F
7.	Eva, Skopné Sturoni	HUN		30:22	8	157	S-3-2-1-S-1-S-1-5F-4F-B-F
-	Tomáškova, Barbora	CZE		run->		199	S
-	Panchuk, Liudmyla	UKR		run->		92	S-S!
-	Hrakholskaya, Ala	BLR		run->		262	S
-	Kalenova, Svetlana	RUS		run->		40	S
-	Mateeva, Steliyana	BUL		run->		364	S
-	Hažmuková, Pavla	CZE		run->		198	S

2794. 2021-Sprint: The screen continuously shows the current status for each category. Liudmyla Panchuk - W45 (UKR) has reached the intermediate beacon (S!). The reports of the other found transmitters are (still) missing.



2795. 2006: This equipment operating at 175 MHz was already used in Bulgaria in 2003 and 2006 for reading the SI stations in the field.

Real-time images of the finish and from the field



2796. 2021: A screen clip from the real-time images at the finish. This is where Stefan Olah M70 (ROM) comes in.

In the classic ARDF and Foxoring competitions there was a screen showing the finish in real time. This allowed to track the entry of the participants. These images could also be viewed simultaneously via Facebook [2796].

During the competition, the current preliminary results per category were also shown over the image at some intervals. In the beginning, these were only short messages. But as more participants reached the finish line, the lists per category grew longer and then for some time there was less to be seen of the participants entering... At first the messages were in the centre of the picture, but later (as can be seen in the picture see) they were moved to the left side of the image leaving more more of the image free.

At the Foxoring, in addition to shots at the finish arch, there were also shots at the start of the finish corridor. And someone with a camera and a GSM connection was recording in the field [2797].

Afterwards, a complete film was made of each of the three events, which was (and still is?) to be seen via the Russian website ardf.ru, which links to Facebook.



2797. 2021-Foxoring: Aneta Hendrichová (327 - W14 - BUL) was followed over the long sandy track on the way to the finish.

The first day - registration and training

On arrival on Saturday 28 August, the teams could register with the organization and per participant, among other things, information material, the tag (ID card) [2798] and [2800] and also, most importantly, the participants number [2801] with safety pins, were handed out. This had to be worn on the chest during competitions. As a souvenir there was an appropriate T-shirt [2799].

After that, the keys to the assigned rooms were given and the unpacking of the belongings could begin. The hotel package included three meals a day (breakfast, lunch and dinner). Drinks, except coffee/tea and juices at breakfast, were at your own expense.



2798. 2021: The ID card (Tag) of a participant and on the right the band with which it can be hung around the neck.



2799. 2021: For the participants there was a nice T-shirt as a souvenir.



2800. 2021: The back of the ID card contained a brief program of the championships. Very practical...



2801. 2021: The participant number. This was to be worn on the chest. And after the first competition also on the back.



2802. 2021: Training. On the right an 80 m ARDF transmitter and in the tree a 2 m ARDF transmitter.

The training

Between 3.30 pm and 5.30 pm it was possible to train for all types of competitions on the open ground opposite hotel Sunrise. Several transmitters and finish beacons were set up here for this purpose.

The Opening Ceremony

The official opening was supposed to take place on the first day in the main square, but was moved to the 2nd day (of the Sprint) due to the aforementioned circumstances.

The ceremony in the main square started at 6:30 pm. But it was broken by the rain. It continued in the main hall of Bansko town hall.

There were three speeches. By:

- the organizer and also President of the Bulgarian amateur association BFRA, Viktor Tsenkov - LZ3NN;
- the chairman of the jury and also Vice-President of IARU Region Ole Garpestad;
- mayor Ivan Kadev of Bansko. He opened the championships.

The musical accompaniment was sung by two girls in national dress.

Due to the limited space in the hall, they refrained from walking in of one delegate of each of the 20 participating countries with the national flag.

Following the opening was the awarding ceremony of the Sprint that was held on this day.



2804. 2021: Training: On the left an 80 m ARDF transmitter and at the bottom right a Foxoring transmitter and a SPORTindent station.



2803. 2021: Vocal/musical performance in traditional costume at the opening and on the right mayor Ivan Kadev of Bansko who welcomed everyone to Bansko.



2805. 2021: Ole Garpestad - LA2RRR speaks at the opening.



2806. 2021: The hall of the town hall at the opening. It is noticeable that not all attendees had yet responded to the call to wear face masks...

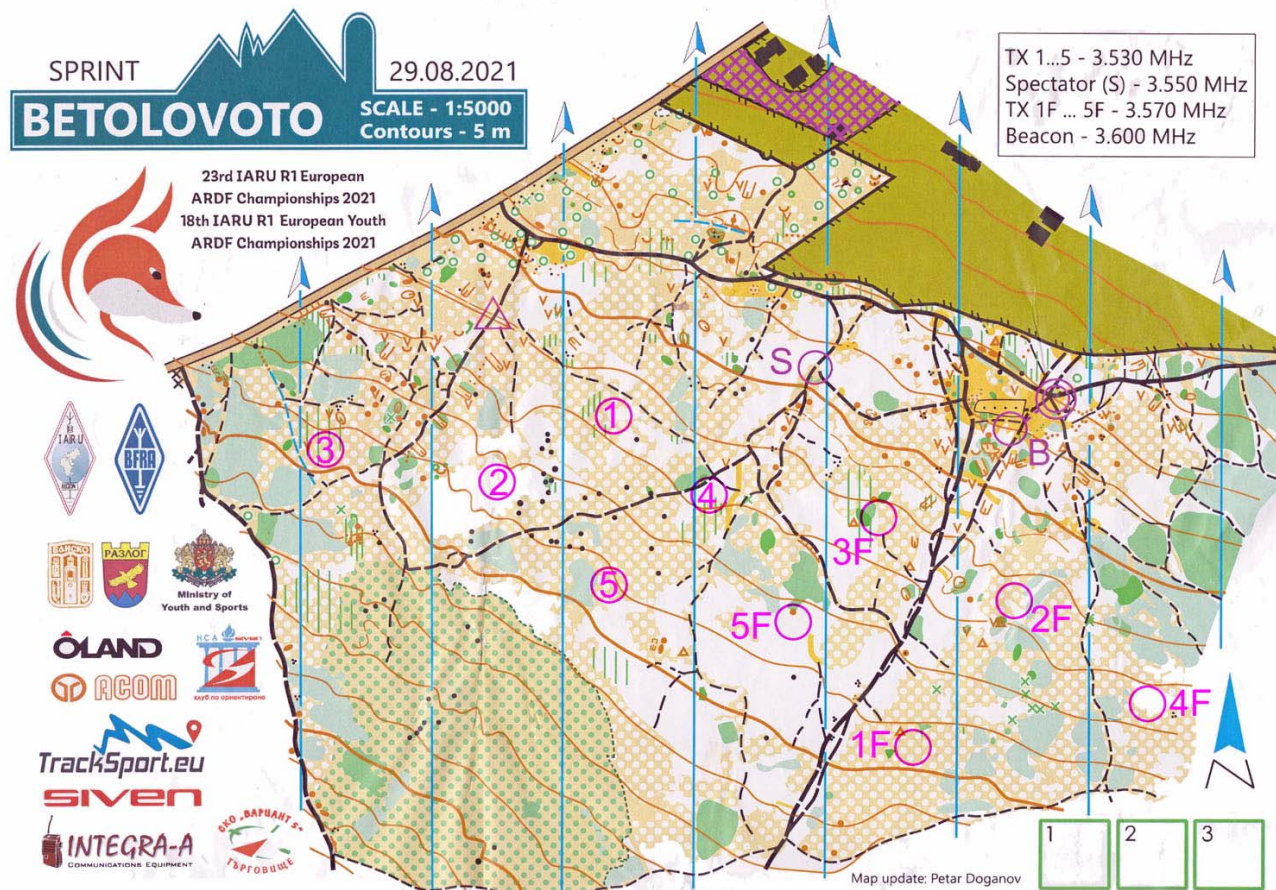
The second day - Sprint

The Sprint was on August 29. The competition area was about 7 km west of Bansko near the village of Betolovoto. The terrain was quite flat. At the start, it was at about 1055 m. At the bottom left it gradually rises to about 1130 m.

Terrain form Moderately steep slope. Some marshy places.

Vegetation All varieties of vegetation - open lands, semi open lands, good forest, thickets.

Runnability Mostly good, but reduced in some places with denser vegetation.



2807. 2021: The map for the Sprint. Format A4, scale 1:5,000 and contour lines at 5 m.

Minimum of running routes >>>>>

W14	S-2-1-4-S-3F-2F-B-F	1310 m
W16	S-2-5-4-S-3F-2F-4F-B-F	1720 m
M14	S-2-1-4-S-5F-2F-B-F	1500 m
M16	S-3-2-4-S-5F-1F-2F-B-F	1810 m

2808. 2021 - EYAC-Sprint. The transmitters to search for by category and optimal route (as the crow flies).

Minimum of running routes >>>>>

W19	S-1-2-5-4-S-3F-5F-2F-B-F	1760 m
W21	S-3-2-5-1-S-5F-1F-4F-B-F	2240 m
W35	S-3-5-S-5F-1F-4F-B-F	2140 m
W45	S-3-2-1-S-5F-2F-4F-B-F	1990 m
W55	S-2-5-1-S-3F-5F-2F-B-F	1700 m
W65	S-2-5-1-S-5F-3F-B-F	1520 m
M19	S-3-1-5-4-S-3F-5F-1F-4F-B-F	2370 m
M21	S-3-2-1-5-4-S-3F-5F-1F-4F-2F-B-F	2420 m
M40	S-1-2-5-4-S-5F-1F-4F-2F-B-F	2110 m
M50	S-3-2-1-S-3F-5F-1F-4F-B-F	2060 m
M60	S-3-5-4-S-5F-2F-4F-B-F	2130 m
M70	S-3-5-S-3F-2F-4F-B-F	1930 m

2810. 2021: R1-Sprint: the transmitters to search for by category and optimal route (as the crow flies).



2809. 2021-Sprint. Arrival of the buses at the starting area. In the foreground participants from Slovakia and Romania.

The Sprint is basically a combination of two ARDF races in series with five transmitters each and an 'intermediate' beacon that continuously signals the letter S at 3.55 MHz. Transmitters 1-5 transmit low speed at 3.53 MHz and the 1F-5F high speed at 3.57 MHz.

The transmitters should also be searched for in this order. A complete cycle takes 1 minute, each transmitter is alternately on the air for only 12 s. The order within the two groups of five can be freely chosen. The transmitters of the groups were here spatially separated from each other here, but that does not have to be the case. Together with the finish beacon there are therefore 12 transmitters. Depending on the category, 7 to 12 must be searched for, see [2808] en [2810].



2811. 2021-Sprint: In the background the waiting area with some small tents for shelter and toilets. To the left and right of the path are sheets of plastic on the ground. On arrival, the participants per country place their receivers in front of the sign with the name of their country and then walk back to the waiting area. The path continues to the starting location.



2812. 2021-Sprint: In the waiting area were a number of small tents for shelter. Here the team from Slovakia under a tent roof.



2813. 2021-Sprint: The Czech Republic participated with a very large team, resulting in many receivers submitted receivers.



2814. 2021-Sprint: Two participants are ready for the start in corridor A. In the background is corridor B.



2815. 2021-Sprint: The waiting area as indicated in Bulletin 4.



2816. 2021-Sprint: When the participant is called, he/she will pick up his/her receiver and will receive the map a little later. Before the start there is an opportunity to cut or paste the map at your own discretion. Material is available for this.



2817. 2021-Sprint: The SPORTident station at the intermediate beacon S. The red battery terminal of the transmitter can be seen in the background.



2818. 2021-Sprint: The transmitter of the intermediate beacon, with the spare transmitter and the battery. Top right the bottom of the extensible antenna. The transmitter has the connector for the wire to the antenna and the three radials.



2819. 2021-Sprint: This is how the finish was indicated in Bulletin 4. On the far left is the intermediate beacon S. The public is welcome here. The buses leave from the paved road, 600 m to the left.



2820. 2021-Sprint: The finish area. The finish corridor starts 30 m to the right and ends under the finish arch. The finish SPORTident station is below. In the middle is the tent with the equipment for reading the chips of the finished participants. Karl-Heinz Damage - DL7VDB does this. On the left is the tent with the monitors, see [2820]. The persons in the foreground from left to right: Heinrich Götte (GER), ???, Marcela Šrūtová (CZE) and the head coach of the Czech team Andrej Gomzyk.



2821. 2021-Sprint: At the finish there were monitors on which the progress of the competition could be followed.



2822. 2021 - Sprint: Camouflaged supervisor at a transmitter.

The third day - 1st classic ARDF

On August 30 was the 1st classic ARDF competition. The competition area was about 13 km northwest of Bansko and southwest of the village of Predel. At the start, the terrain was at about 1100 m and at the bottom left and right it gradually rises to around 1300 m at foxes 8 (3-2) and 9 (4-2).

Terrain form Moderately steep slope. Some marshy places.

Vegetation All varieties of vegetation - open lands, semi open lands, good forest, thickets.

Runnability Mostly good, but reduced in some places with denser vegetation. Partly significantly limited in some parts also by fallen trees and branches.



Minimum of running routes >>>>>		
W14	S-2-3-4-B-F	2600 m
W16	S-7-6-10-B-F	3120 m
M14	S-1-2-4-B-F	3700 m
M16	S-7-9-6-B-F	4320 m

Minimum of running routes >>>>>		
W19	S-7-9-6-10-B-F	5320 m
W21	S-9-6-8-10-B-F	6200 m
W35	S-2-1-5-3-B-F	4070 m
W45	S-1-2-3-B-F	3600 m
W55	S-1-3-4-B-F	3690 m
W65	S-1-2-4-B-F	3700 m
M19	S-7-9-8-10-B-F	5820 m
M21	S-7-9-6-8-10-B-F	6340 m
M40	S-7-9-8-6-B-F	5520 m
M50	S-2-1-5-3-4-B-F	4310 m
M60	S-2-1-5-3-B-F	4070 m
M70	S-2-5-3-B-F	3530 m

2823. 2021: The transmitters to search for by category and the optimal route (as the crow flies). Transmitter 1-5 is 80 m and 6-10 is 2 m.

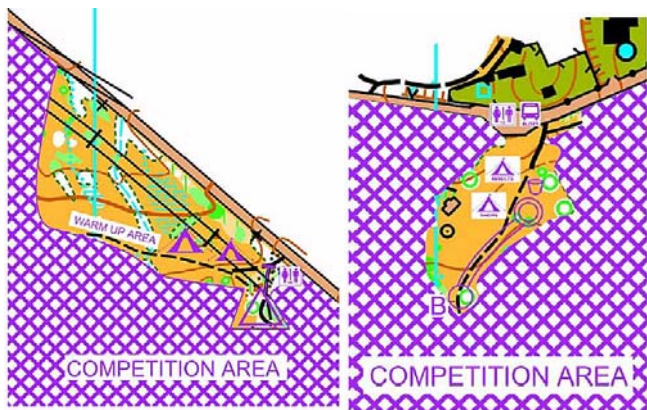


2825. 2021: 1e classic ARDF: The map adapted by a participant.

2824. 2021: Map of the 1st classic ARDF. Format A4, scale 1:10,000, contour lines at 5 m. Transmitter 1-5 is 80 m and 6-10 is 2 m.



2826. 2021 - 1st classic ARDF: Arrival of the participants. They lay their receivers per country on a plastic sheet. In the background is the waiting area with, among other things, the toilets and the tents.



2827. 2021-1st classic ARDF: The wait and finish area. The start is in the same place as in the 2nd classic ARDF. The double line over the waiting area is a high voltage line.

Only in this competition there was a delay of 5 minutes of the first start. There was a misunderstanding when calling the first starting group.

In a combined 80/2 m competition it is common practice to provide the triangular orange/white prism flag for the 2 m transmitters with a vertical blue stripe on all three sides. However, they were not used here, but they were there, see [2763]. So extra care had to be taken.



2828. 2021 - 1st classic ARDF: A number of submitted receivers.



2829. 2021 - 1st classic ARDF: Juror Karl-Heinz Schade - DL7VDB hands over a label, see [2841] with the results to the just finished Serge Zelensky (UKR).



2830. 2021 - 1st classic ARDF: The Czechs of starting group 24 are ready for the start. Jitka Šimáčková, Ondrej Šimáček, and Miroslav Vlach - OK1UMY. In the background, the next group is already waiting, after their chips have been cleared and checked. The receivers are on the left.



2831. 2021 - 1st classic ARDF: The start corridors. Left A and right B. In the middle is the clock (not turned on yet) with the competition time.



2832. 2021 - 1st classic ARDF: In the foreground the start of the 130 m long finish corridor with the finish beacon and the SPORT-ident station. The finish arc is in the background.



2833. 2021-1st classic ARDF: The finish area with the Finish Arch. In the background and also on [2832] an impression of the landscape in which these championships took place... On the right the tent that the Czechs had brought with them.



2834. 2021-1st ARDF: The audience in Nicolas Vapcarov Square during the awards ceremony. At the front are the judges and other officials who will award the prizes. In the background hang the flags of the 20 participating countries.

The fourth day - Rest day

August 31 was the traditional day of rest. Due to the covid-19 situation, no excursions were included in the program this time. So you could really make it a rest day. A number of them made a trip with the gondola lift to the winter sports area south of Bansko at 1600 m a.s.l. [2835]. There you could go on walks or even reach the 2914 m high Vichren peak, the highest in the Pirin Mountains.



2835. 2021: View of Bansko from the ski lift. The flat area north of Bansko is about 900 m above sea level. Razlog is located above Bansko on the left. In the background the mountain landscape north of Bansko.

In the afternoon was the traditional meeting of the **IARU Region 1 ARDF Working Group**. This was attended by 17 of the 24 members of the working group, four of whom were compatriots with a proxy. Five countries were prevented and three were absent without notice. During the meeting, chaired by Jiří Mareček - OK2BWN [2836] the following matters were discussed.

• Silent key

The WG Chairman informed about the Silent Key Lars Nordgren SM00Y (20.5.2021). He passed away in the age of 81. Lars was a well-known competitor since 1955 and ARDF referee since 1994. All Members stood in silence in memory of our friend SM00Y.

• Next youth championships (EYAC)

- **4th WYAC 2022** to be hosted by Romanian society FRR. Venue and date: Targu Jiu (SW of Romania), approx. 28 June to 03 July 2022, to be confirmed by the end of September. Jury Chairman: Jiří Mareček - OK2BWN, back-up: Viktor

Tsenkov, LZ3NN.

Starting fee: € 40/competition (approved unanimously), stay expenses: € 30/person/day. No Foxoring, just standard 2 classics ARDF's + sprint.

- The preparation report of the **5th WYAC 2023** to be hosted by Polish society PZK.

- The SRR application for hosting of the **6th WYAC 2024**. Venue and date: Ryazan (200 km SE from Moscow), end of June 2024.

• Forthcoming IARU ARDF Championships

- The preparation report of the **20th IARU World ARDF Championships 2022** to be hosted by Serbian society SRS. All preparations proceed according to the schedule. Expected date 28 August to 03 September 2022, a cup competition will also be organized: 24-28 August 2022. Venue, accommodation and prices remain unchanged. Jury Chairman: Ole Garpestad LA2RR.

- The preparation report of the **21st IARU World ARDF Championship 2023** to be hosted by Czech society CRC. All preparations proceed according to the schedule.

- The MRASZ application of the **24th IARU R1/European ARDF Championship 2024**. Venue and date: Pecs (SW of Hungary), 9-15 August 2024, also cup competition 4-8 August 2024. Basic information and presentation of the terrain and accommodation options given. Starting fee € 50, expected stay expenses € 40/person/day.

- The venue and hosting societies of IARU ARDF Championships in the years 2025+. LY5FOX presented the LRMD intent to organize the **22nd IARU World Championship 2025** in Vilnius (end of August to beginning of September).

• Election of the **IARU R1 ARDF WG Vice-Chairman**. SRAL suggests Kai Pastor, DG0YT and he was approved unanimously.



2836. 2021 - Sprint: The chairman of IARU Region 1 ARDF working group is also an active ARDF member. He won no less than four medals: 1 x silver and 3 x bronze!

The fifth day - 2nd classic ARDF

On September 1, the 2nd classic ARDF competition was held. The competition area was about 13 km northwest of Bansko and a little south of the village of Predel.

The start was at the same place as in the 1st classic ARDF and was therefore at approx. 1100 m. All the way down it gradually rises to approx. 1330 m at fox transmitter 10 (85).

Terrain form Moderately steep slope. Some marshy places.

Vegetation All varieties of vegetation - open lands, semi open lands, good forest, thickets.

Runnability Good, but reduced in many places with denser vegetation. Partly significantly.



Minimale Laufstrecken >>>>		
W14	S-3-4-2-B-Z	3210 m
W16	S-9-6-7-B-Z	4240 m
M14	S-3-1-4-B-Z	3260 m
M16	S-8-9-6-B-Z	3900 m

Minimale Laufstrecken >>>>		
W19	S-8-9-6-7-B-Z	4660 m
W21	S-8-10-6-7-B-Z	5410 m
W35	S-3-5-1-4-B-Z	3860 m
W45	S-3-1-4-2-B-Z	3640 m
W55	S-3-5-1-B-Z	3820 m
W65	S-3-4-2-B-Z	3210 m
M19	S-8-10-9-7-B-Z	5480 m
M21	S-8-9-10-6-7-B-Z	5780 m
M40	S-8-9-10-6-B-Z	5030 m
M50	S-3-5-1-4-2-B-Z	4250 m
M60	S-3-5-1-2-B-Z	4230 m
M70	S-3-5-1-B-Z	3820 m

2838. 2021: The transmitters to search for by category and the optimal route (as the crow flies).

Transmitter 1-5 is 2 m, 6-10 is 80 m.

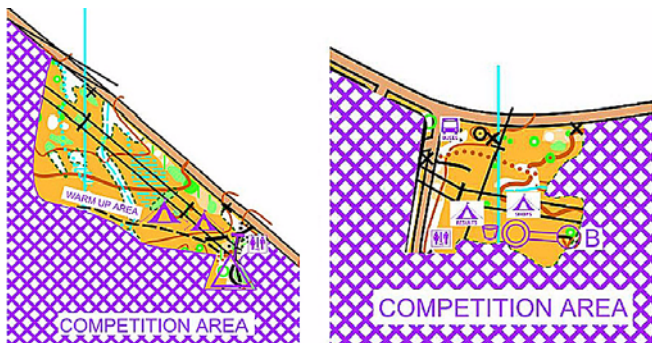


2837. 2021 - 2nd ARDF: There was always beer at the finish.

2839. 2021: The map for the 2nd classic ARDF. Format A4, scale 1:10,000 and contour lines at 5 m. Transmitter 81-85 is 80 m, 21-25 is 2 m.



2840. 2021 - 2nd classic ARDF: The waiting area shows a familiar picture. As the tension mounts, the queue for the toilet cubicles gets longer...



2841. 2021: The start area on the left and the finish area on the right. Both are on the main road. The finish is about 750 m southeast of the start. The start is in the same place as in the 1st classic ARDF. The double line over both sites is a high-voltage line.



2842. 2021 - 2nd classic ARDF: Interested in the competition information board.

Name, Fname	StNo	202	Club
Šrutová, Marcela			CZE
Category	Call	ChipNo	Tot.runtime
W55		2148208	89'41 min
Run route	>6440m	(Optimum 4660m)	
Sequence	Time	Split	Cumulative
Start	10:50:00		0'00
Fox 10	11:34:35	44'35	44'35
Fox 6	11:56:52	22'17	66'52
Fox 8	12:09:08	12'16	79'08
Beacon	12:19:24	10'16	89'24
Finish	12:19:41	0'17	89'41
Foxes 4, Place 11 at 12:20 o'clock			
Bulgaria 1.9.2021 Classic 80/2-m-Band			
1.09.2021		©ARDF-FjwW	

2843. 2021: Example of the label of a participant in cat. W55 in the 2nd classic ARDF competition (2m).



2844. 2021 - 2nd classic ARDF: All are busy arranging the competition maps just handed out. The circles around the start (750 m) and finish (400 m), within which there are no transmitters, were already pre-printed.



2845. 2021 - 2nd classic ARDF: The finish corridor with the finish arch. In the background are the poles of the high voltage power line.

The sixth day - Foxoring

The Foxoring was on September 2. The competition area was about 10 km north of Bansko and a little northwest of the village of Bachevo. At the start and finish the terrain was at about 900 m and to the left it gradually rises to about 1190 m at fox 3, 5, 1F and 4F.

Terrain form Moderately steep to steep hills. Terrain with micro contours and some stones.

Vegetation Mainly spruce forest with some open areas and some thickets.

Runnability Mostly very good, but reduced in some places with denser vegetation.



2846. 2021: The map for the Foxoring with all transmitters. Format A4, scale 1:10,000 and contour lines at 5 m. The three frequencies of the Sprint are used for the Foxoring transmitters, see also [2759].

M14: 2, 4, 5, 1F, B	W14: 1, 2, 4, 5, B
M16: 2, 5, 1F, 4F, B	W16: 1, 2, 4, 4F, B
M19: 2, 3, 5, 1F, 2F, 3F, 4F, 5F, B	W19: 1, 2, 3, 4, 5, B
M21: 1, 2, 3, 4, 5, 1F, 2F, 3F, 4F, 5F, B	W21: 1, 2, 4, 5, 1F, 4F, B
M40: 1, 2, 4, 2F, 3F, 4F, 5F, B	W35: 2, 4, 5, 3F, 4F, B
M50: 1, 2, 4, 5, 1F, 2F, 5F, B	W45: 2, 5, 3F, 4F, B
M60: 2, 4, 5, 3F, 4F, B	W55: 2, 4, 2F, 3F, B
M70: 2, 4, 5, 3F, B	W65: 2, 4, 5, 3F, B

2848. 2021: Foxoring. The transmitters to search for by category.

Minimale Laufstrecken >>>>>		
W14	S-4-1-5-2-B-Z	3110 m
W16	S-2-4-1-9-B-Z	4020 m
M14	S-4-6-5-2-B-Z	3760 m
M16	S-2-5-6-9-B-Z	4240 m

Minimale Laufstrecken >>>>>		
W19	S-4-1-3-5-2-B-Z	4270 m
W21	S-4-1-6-9-5-2-B-Z	4520 m
W35	S-8-4-5-9-2-B-Z	3810 m
W45	S-8-5-9-2-B-Z	3680 m
W55	S-8-7-4-2-B-Z	2870 m
W65	S-8-4-5-2-B-Z	2820 m
M19	S-8-7-10-3-6-9-5-2-B-Z	5300 m
M21	S-8-7-4-1-10-3-6-9-5-2-B-Z	5940 m
M40	S-8-4-7-10-1-9-2-B-Z	4950 m
M50	S-4-7-10-1-6-5-2-B-Z	4680 m
M60	S-8-4-5-9-2-B-Z	3810 m
M70	S-8-4-5-2-B-Z	2820 m



2849. 2021. Foxoring. At sunrise, the start of the Foxoring is installed on the outskirts of the village of Bachevo.

2847. 2021: Foxoring. Overview of the transmitters to search for and optimal order and distance per category (as the crow flies). Transmitter 6-10 are 1F - 5F.



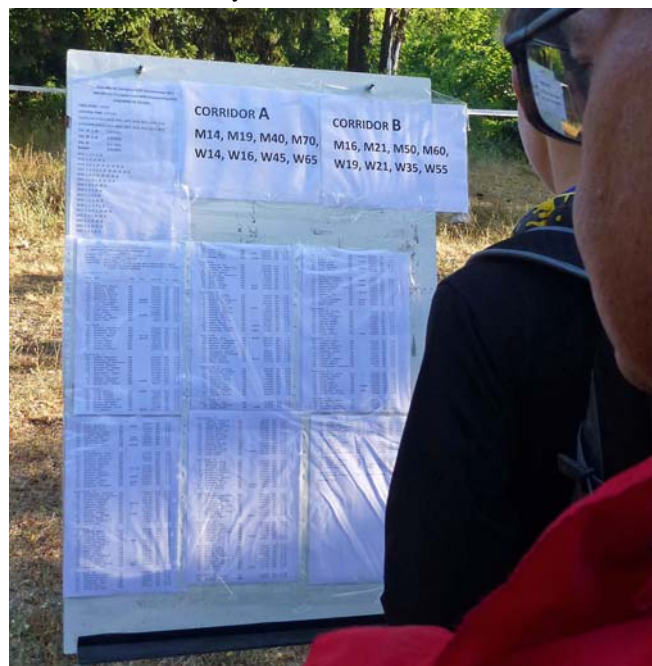
2850. 2021: The finish area on the left and the start area on the right. The waiting area is in a tree-lined area, next to the road. There are two start corridors, see [2856]. The finish is about 300 m southeast of the start.

The Foxoring was the most demanding in terms of height differences. The optimal route was not easy to find. Twelve different routes were run by the 25 starters in M50. Especially the long unforested path to the finish was tiring due to the sunny weather.

In addition, no water was offered at this finish. Reference was made to a nearby source...



2853. 2021: On the way in the Foxoring. Nazor Movchaniuk (CZE-M14) and Ekaterina Andrianova (RUS-W19) walk on a well-maintained path in a fairly open forest.



2851. 2021: The information board in the waiting area at the Foxoring. Every competition had a board with the details of what's to come. It lists the start corridor to be used, the transmitters to search for and the start list with the start times.



2854. 2021: The SPORTindent station of the finish beacon at the beginning of the 50 m long finish corridor. In the background the finish arch with a point of sale for OLAND sports equipment [2855]. To the right of the corridor the toilet facility.



2852. 2021: In each of the 16 baskets are the maps for one category. Only the transmitters to be searched for by the respective category are indicated on the map.



2855. 2021: Sales of sporting goods.



2856. 2021: Foxoring. There are two start corridors. On both sides of them are a total of 16 baskets with the maps, one basket for each category. Only after the start are the participants allowed to take out their map from here. In the middle is the clock with the competition time.



2857. 2021: Foxoring: This photo, taken at the beginning of the finish corridor, gives an overview of the Foxoring terrain. In the left background is the mountain landscape to the south. The competition area is straight ahead.

Closing Ceremony of the Championships

Following the awarding ceremony of the last competition, the Foxoring, the championships were formally closed. There were words of thanks to the address of the International Jury [2858] and the organization and its employees [2859].



2858. 2021: The members of the Jury are thanked for their efforts. As a reminder, they all received a medal of these championships.



2859. 2021: A word of thanks was also given to the organizers and employees. Together, despite the relatively short preparation time, they turned it into a beautiful and successful event. In the background Viktor Tsenkov, the president of the BFRA and chief organizer of the championships and on the far right his right-hand man Roussko Roussev - LZ1RT.

Hamfest with diner

On the evening of the last day of competition, there was a "Ham-Fest Light". As usual, small gifts changed hands. The Finnish table received special attention, because with rowan liqueur and spruce brandy there were two specialties that could hardly be surpassed. Around 10 pm the hotel was unexpectedly changed to the training ground (of the first day) in front of the entrance. The organizer had set up quite a fireworks display there [2788]. When firing the rockets it was al-

most impossible to avoid being hit by falling luminous remnants. But it was impressive to be directly under the carpet of light.

The noise pollution in the outdoor area had to be stopped by 11pm. At midnight, the party also ended indoors. Still, there seemed to have been enough alcohol, because not all of them remembered how they got to their room...

The seventh day - return home

Letter of thanks from BFRA

In a circular, after the championships, to the associations and officials, BFRA, among other things, wrote the following:

- BFRA did everything possible to pass the competitions at a high level and our modest assessment is that this came true. For the first time, a TV coverage and GPS tracking were done at international competitions of this rank.

- We thank you all for the trust you gave us in the complicated Covid 19 situation! To the competitors - a total of over 300 people from 20 countries for the aspiration with which they embarked in each discipline.

- We thank the International jury, chaired by IARU Vice President Ole Garpestad, LA2RRR, for their excellent professionalism in their actions. Thanks to all the technicians, to all the helpers. We especially want to note the exceptional level at which the technical group from Russia (ardf.ru), led by Maxim Brichag and Sergei Knyazev - their impeccable

work contributed to the competition to pass without any technical problems. We also thank the many guests and fans of the individual teams who encouraged their favourites every day. We also thank everyone for their responsible compliance with, albeit few, the restrictions and recommendations imposed by the Covid 19 pandemic.

Now that all the competitions were over, after each participant has returned home, BFRA can celebrate two things with joy and pride:

- None of the PCR tests performed before departure from Bansko was positive;

- Bulgaria is a record holder in the number of households at European and World Championships (Borovets 1996, Nessebar 2002 (Y), Primorsko 2006, Obzor 2009, Primorsko 2011 (Y), Primorsko 2014 (Y), Albena 2016, Bansko 2021).

57.3. THE PARTICIPANTS AND THE RESULTS

The participants

The following list contains the names of all 241 individuals who entered one or more of the four competitions of the 23rd ARDF Region 1 Championships. They came from 20 countries.

Compared to the previous Region 1 championships, in 2019, there were 91 fewer.

However, due to the corona epidemic (COVID-19), six countries from IARU Region 1 that were present in 2019 were missing: Austria (AUT), Belgium (BEL), Denmark (DEN), the Netherlands (NED), Norway (NOR) and Slovenia (SLO). But now Switzerland also took part again.

Per participant is stated: start number, country (abbreviated), the competition(s) in which they participated **F**(oxoring), **S**(print), **A** (1st ARDF, **B** (2nd ARDF), followed by the category and the name of the participant. If a participant has participated in more than one category, a separate line is used for each category. The starting number remained the same.

The participants of the 18th Youth Championships (EYAC) are not included in this overview. These can be found in chapter 58.21 from page 1134.

Number of participants in the competitions

Foxoring: 177

Sprint: 187

1st ARDF 202

2nd ARDF 199

A total of 132 people took part in all four competitions.

This is more often the case with the smaller country teams.

The large number of participants in M50 and M21 (33) and M19 (30) for the men and in W21 (25) and W19 (20) for the women is striking.

In the categories M and/or W 19 and/or 21 there were more than three participants from Russia, Czech Republic, Ukraine and Bulgaria this time. This is less often the case in the older age categories.

In 20 cases, a person participated in two different categories. Generally in his/her 'original' age category, but in one or more competitions in a 'heavier' category, for example M60 and M21.

Number of participants per competition / category

	ARDF 80m	ARDF 2m	Foxoring	Sprint
W19	15	14	13	13
W21	21	20	16	16
W35	12	11	6	9
W45	10	10	12	13
W55	13	13	13	12
W65	7	7	6	7
M19	22	22	22	21
M21	19	23	18	21
M40	16	17	14	13
M50	27	25	25	26
M60	21	22	18	20
M70	17	17	14	16
Total	200	201	177	187

The complete list of participants

1. Belarus (BLR)		6 persons [2867]
257	BLR F S A B M19	Obernikhin, Aliaksandr
258	BLR F S A B M19	Tomashau, Oleg
259	BLR F S A B M19	Zhyliniski, Siarhei
260	BLR F S A B M50	Dzianisau, Valery
261	BLR F S A B W55	Dzianisava, Natallia
262	BLR F S A B W45	Hrakholskaya, Ala
2. Bulgaria (BUL)		21 persons [2866]
355	BUL F S A B M70	Kirev, Dimitar
356	BUL F S A B M70	Danev, Panayot - LZ1US
357	BUL F S A B M60	Boev, Vlad - 2E0VLB
358	BUL F S A B M60	Vodenicharov, Georgi - LZ1ZF
359	BUL S A B M60	Petkov, Mincho - LZ2DF
360	BUL F S A B M50	Nikolov, Daniel - LZ3FB
361	BUL F S A B M50	Kostov, Zlatin - LZ2ZLA
362	BUL S A B M50	Mitev, Nikolay - LZ4ND
	F M40	Mitev, Nikolay - LZ4ND
363	BUL F S A B W45	Sokolova, Julia
364	BUL F S A B W45	Mateeva, Steliyana
365	BUL F S A B W19	Ileva, Silvana
366	BUL S A B W21	Valcheva, Stanimira
367	BUL F S A B M70	Tomov, Asen
368	BUL F M50	Pedev, Todor
369	BUL F M21	Sirakov, Ivan
370	BUL F W21	Ivanova, Kristina
394	BUL F M21	Zhelyazkov, Dimitar
395	BUL F M19	Zashev, Vasil
396	BUL F A B W21	Dyaksova, Andrea
397	BUL F W19	Dyaksova, Evangelina
	A B W19	Dyaksova, Evangelina
401	BUL F M21	Simeon, Venev
3. Croatia (CRO)		6 persons [2875]
175	CRO F S A B M60	Vinko, Vladimir - 9A6JAW
176	CRO F S A B M70	Belaj, Željko - 9A2QU
177	CRO F S A B W55	Sokolović, Alida
178	CRO F S A B M19	Jović, Marin
179	CRO F S A B M19	Kos, Andelko - 9A3UCA
399	CRO F S A B W19	Petrosanec, Paula
4. Czech Republic (CZE)		41 persons [2862]
185	CZE F S A W19	Klečová, Johana
186	CZE S A B W19	Stanková, Vera
187	CZE F S A B W19	Tollarová, Markéta
188	CZE F B W19	Jirásková, Barbora
189	CZE A B W21	Šístková, Iveta
190	CZE F S B W21	Trpáková, Daniela
191	CZE S A B W21	Fučíková, Hana
	F W35	Fučíková, Hana
192	CZE F S A W21	Bžatková, Kateřina
193	CZE F S A B W35	Adámková, Blanka
194	CZE S A W35	Voráčková, Lenka
195	CZE F S A B W35	Šimlová, Hedvika
196	CZE F A B W45	Lásková, Martina
197	CZE F S A B W45	Šimáčková, Jitka
198	CZE F S A B W45	Hažmuková, Pavla
199	CZE S B W35	Zuskova, Ilona
	W45	Zuskova, Ilona
200	CZE F S A W55	Soukupová, Leona
201	CZE S A B W55	Marecková, Iva - OK2XWN
202	CZE F B W55	Šrútová, Marcela
203	CZE F S A B W55	Čadová, Renata
204	CZE F S A B W65	Voráčková, Eliška
205	CZE F S A B W65	Poláková, Ludmila - OK1PGN
206	CZE S A B W65	Pátková, Alenka
208	CZE F S A B M19	Dukát, Šimon
207	CZE S B M19	Klec, Jakub
209	CZE F A M19	Kolský, Pavel
210	CZE F S A B M19	Unčovský, Jakub
211	CZE F S A B M21	Šimáček, Ondřej
212	CZE F S A B M21	Oma, Jakub
213	CZE F A M21	Híkl, Tomáš
214	CZE S B M21	Šrom, Jakub
312	CZE F S A B M40	Šístek, Daniel
313	CZE S A M40	Voráček, Michal
314	CZE F S B M40	Šindelka, Antonín
315	CZE F A B M40	Klíž, Michal

316	CZE	S A B	M50	Zach, Jaroslav
317	CZE	F A B	M50	Hroudá, Petr
318	CZE	F S B	M50	Hamouz, Tomáš - OK1DNO
319	CZE	F S A	M50	Žáček, Zbyněk
320	CZE	F S A B	M60	Vlach, Miroslav - OK1UMY
321	CZE	F S A B	M60	Mareček, Jiří - OK2BWN
322	CZE	F S A B	M60	Sukeník, Mojmír - OK2UMO

5. Estonia (EST) 3 persons [2870]

380	EST	A	M21	Gede, Tarmo
		F S B	M50	Gede, Tarmo
381	EST	A	M21	Viira, Andres
		F S B	M50	Viira, Andres
282	EST	A	M21	Kuusik, Kalle
		F S B	M50	Kuusik, Kalle

6. Finland (FIN) 3 persons [2874]

127	FIN	F S A B	M40	Kirves, Petri - OH2KHX
128	FIN	F S A B	M50	Lehtosaari, Kimmo - OH2JKU
129	FIN	S A B	M70	Lehtosaari, Juhani - OH2MD

7. Great Britain (GBR) 1 person [2876]

229	GBR	A	M50	Chalk, Steve
		B	M40	Chalk, Steve

8. Germany (GER) 11 persons [2869]

215	GER	F S A B	W55	Drews, Brigitte
216	GER	F S A B	W55	Wanner, Alexandra
217	GER	F S A B	M21	Hergert, Alexander - DE1ADH
218	GER	S A	M21	Kottschlag, Gerhard - DL9DBK
219	GER	F S A B	M40	Körner, Ralph
220	GER	F S A B	M40	Pastor, Kai - DG0YT
221	GER	F S A	M40	Eichler, Gerald - DL1DSR
		B	M50	Eichler, Gerald - DL1DSR
222	GER	F S A B	M50	Drews, Christian - DL7APD
223	GER	F A B	M50	Wanner, Nikolaj
		S	M40	Wanner, Nikolaj
224	GER	S A	M50	Henneberg, Jens - DL8UAN
		B	M40	Henneberg, Jens - DL8UAN
225	GER	F S A B	M60	Götte, Heinrich

9. Hungary (HUN) 12 persons [2868]

151	HUN	F S A B	M60	Moravszki, János
152	HUN	F S A B	M70	Kovács, Attila Gábor
153	HUN	F S A B	W65	Piroska, Lászlóné Hornyai
154	HUN	S A B	M60	László, Károly
155	HUN	F S A B	M50	Mucsi, Mihály
156	HUN	F S A B	M50	Skrop, Róbert
157	HUN	F S A B	W45	Skropné Szuromi, Éva
159	HUN	F B A B	M19	Krajcár, Tamás
160	HUN	F A B	W55	Radics, Anna Mária
161	HUN	F A B	M60	Nagy, György - HA3PA
162	HUN	F S A B	W55	Zarnoczay, Klara
163	HUN	A B	M70	Szűk, Zoltán - HA5SZ

10. Kazakstan (KAZ) 1 person [2876]

250	KAZ	F S A B	M70	Kochergin, Alexandr - UN7JR
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11. Lithuania (LTU) 8 persons [2873]

165	LTU	F S A B	M21	Nakvosas, Mindaugas
166	LTU	S A B	M21	Tamaševičius, Audrius
167	LTU	S A B	M21	Volbikas, Rolandas
168	LTU	F S A B	M60	Basys, Rimantas
170	LTU	F S A B	M60	Žukauskas, Arturas
171	LTU	F S A B	W21	Nakvose, Nadezhda
172	LTU	S A B	W35	Mastauskiene, Nadežda
173	LTU	A B	W21	Kamarevceva, Giedre

12. Moldova (MDA) 9 persons [2864]

340	MDA	S A	M60	Hudeaev, Vladimir
341	MDA	F A	M40	Fedorin, Veaceslav
342	MDA	F S A B	M50	Gridin, Igor
343	MDA	F S A B	W35	Fedorina, Iulia
344	MDA	A B	W35	Covaliva, Magarita
345	MDA	A B	W19	Chireeva, Tatiana
346	MDA	A B	W21	Ivanova, Magarita
347	MDA	A B	M40	Batcu, Andrei
348	MDA	A B	M19	Trifan, Ilie

13. Poland (POL) 1 person [2876]

265	POL	S A B	M70	Pietrzykowski, Wladyslaw
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14. Romania (ROM) 16 persons [2863]

130	ROM	A B	W21	Mija, Maria
		F S	W19	Mija, Maria
131	ROM	F S A B	W21	Mija, Denise
132	ROM	F S A B	W21	Marcu, Valentina - YO7MAV
133	ROM	F S A B	W35	Manea, Ramona - YO7MAE
134	ROM	A B	W35	Mija, Eliana
		F S	W45	Mija, Eliana
135	ROM	F S A B	M19	Mija, Tiberiu
136	ROM	F S A B	M19	Raducan, Theodor
137	ROM	F S A B	M19	Anghelescu, Claudiu
138	ROM	F S A B	M21	Chivulescu, Matei
139	ROM	F S A B	M21	Voicu, Razvan
140	ROM	S	M21	Sandu, Teodor
141	ROM	F S A B	M50	Marcu, Adrian - YO7LOI
142	ROM	A B	M50	Mereuta, Jenica
143	ROM	F S A B	M50	Boer, Botond
144	ROM	F S A B	M60	Babeu, Pavel - YO9TW
145	ROM	F S A B	M70	Olah, Stefan

15. Russia (RUS) 45 persons [2860]

1	RUS	F B	M19	Mishchenko, Aleksei
2	RUS	F B	M19	Solovev, Sergei
3	RUS	F S A B	M19	Apatenkov, Nikita
4	RUS	S A	M19	Grigorev, Andrei
6	RUS	F	M19	Muzalevskii, Andrei
7	RUS	S A	M19	Mikhailov, Vladislav
8	RUS	F S A B	M21	Zirov, Oleg
9	RUS	F B	M21	Raikov, Aleksandr
10	RUS	B	M21	Fetiulin, Evgenii
11	RUS	S A	M21	Vorotnikov, Kirill
12	RUS	F S A	M21	Tsvetkov, Aleksei
13	RUS	F S A B	M40	Goncharov, Aleksei
14	RUS	F S A B	M40	Shaidayuk, Kiril
15	RUS	F S A B	M50	Petrov, Vadim
16	RUS	F A B	M50	Abramov, Aleksei - RA4HRA
17	RUS	F S A B	M50	Sobolin, Sergey - R2AOI
19	RUS	F S A B	M60	Guliev, Chermen - UA3BL
20	RUS	F S A B	M60	Burgonutdinov, Albert
21	RUS	F A B	M60	Kudinov, Aleksei
22	RUS	F S A B	M70	Korolev, Lev
23	RUS	F S A B	M70	Nurgaliev, Iuri - RW9WS
24	RUS	S A B	M70	Solovev, Sergei
25	RUS	S A B	W19	Stoliarova, Mariia
26	RUS	F S A B	W19	Andrianova, Ekaterina
27	RUS	F A B	W19	Melnikova, Svetlana
28	RUS	F S	W19	Ionova, Aleksandra
29	RUS	S A B	W21	Giklova, Natalia
30	RUS	F S B	W21	Godunova, Anastasiia
31	RUS	A B	W21	Pisarenko, Elena
		F	W35	Pisarenko, Elena
32	RUS	A	W21	Komarova, Ekaterina
33	RUS	S	W21	Melnikova, Nadezhda
34	RUS	A B	W35	Raikova, Svetlana
		F	W21	Raikova, Svetlana
35	RUS	S A B	W35	Arslanova, Guzel
36	RUS	F A B	W45	Godunova, Svetlana
37	RUS	F A B	W45	Soloveva, Nina
38	RUS	S A B	W45	Romashkevich, Ekaterina-UB6KAP
39	RUS	F S	W45	Ovchinnikova, Elena
40	RUS	S	W45	Kalenova, Svetlana
41	RUS	F S A B	W55	Savinykh, Larisa
42	RUS	F A B	W55	Makeeva, Nadezhda
43	RUS	F S A B	W55	Kniazeva, Svetlana
44	RUS	S	W55	Andriunina, Alla - R2SAB
45	RUS	F S A B	W65	Agafonova, Tatiana
46	RUS	F S A B	W65	Stetsenko, Lidiia
47	RUS	F S A B	W65	Koroleva, Galina

16. Serbia (SRB) 2 persons [2871]

251	SRB	F A B	M40	Manojlovic, Dragan - YT5DM
252	SRB	A B	M21	Djordjevic, Nenad

17. Slovakia (SVK) 15 persons [2865]

230	SVK	F S A B	M19	Jurčík, Tomáš
231	SVK	F S A B	M19	Nosát, Michal
232	SVK	F S A B	M19	Budiský, Matej
233	SVK	S A B	W19	Kuriaková, Terézia
234	SVK	B	W19	Vladárová, Paula
235	SVK	S	M21	Král, Adam
236	SVK	S A B	M21	Cuninka, Ján

237	SVK	F S A B	M21	Račko, Lukáš
238	SVK	F S A	W21	Šimecková, Barbora
239	SVK	F S A B	W21	Košutová, Katarína
240	SVK	S A B	W21	Rošová, Veronika
241	SVK	F S A B	W55	Šimecková, Anna - OM6ASA
242	SVK	S	M50	Jurčík, Peter
243	SVK	A	M40	Král, Jozef
		B	M50	Král, Jozef
244	SVK	F S A B	M60	Šimeček, Jozef - OM3WSJ

18.	Ukraine		(UKR)	35 persons [2861]	
70	UKR	S	M19	Antonchuk, Vladyslav	
71	UKR	F S A B	M70	Baranovskyi, Viktor	
72	UKR	A B	W19	Bielash, Zhanna	
73	UKR	A	M19	Biletskyi, Kiril	
74	UKR	F S A B	W19	Bondarchuk, Anastasiia	
75	UKR	A B	M40	Bratchuk, Serhii	
76	UKR	A B	M19	Dvornikov, Danilo	
		F S	M21	Dvornikov, Danilo	
77	UKR	F S A B	M70	Fursa, Oleg	
78	UKR	A B	W21	Fursa, Olena	
		S	W35	Fursa, Olena	
79	UKR	F S A	M40	Gniedov, Volodymyr - UT5UAZ	
80	UKR	F S	W19	Hupalo, Olha	
81	UKR	S A B	M50	Iakymenko, Vitalii	
82	UKR	S A	M21	Ishchenko, Dmytro	
83	UKR	F S B	M19	Ishchuk, Vladyslav	
84	UKR	F S A B	M60	Ivanchykhin, Mykola - UR8UA	
85	UKR	F S A B	M21	Ivanko, Oleksii	
86	UKR	B	M21	Karpovych, Fedor - UT3UFQ	
87	UKR	F S A	M50	Kolodiazhnyi, Vasyl	
		B	M40	Kolodiazhnyi, Vasyl	
88	UKR	F A B	W35	Kozyr, Nataliia	
		S	W45	Kozyr, Nataliia	
89	UJR	F	M19	Kulinchenko, Lev	
90	UKR	F	B	M21	Marchuk, Oleksandr
91	UKR	B	M19	Orlov, Anton	
92	UKR	S	W45	Panchuk, Liudmyla	
93	UKR	S	M60	Parkhomenko, Viacheslav	

94	UKR	F S A B	W21	Parkhomenko, Oleksandra
95	UKR	F S A	M19	Petrenko, Kostiantyn
96	UKR	F S A B	W19	Petrovska, Yeliena
97	UKR	F S	W21	Puhach, Mariia
98	UKR	S A	M40	Redka, Maksym
99	UKR	S A B	M60	Romanenko, Vasyl - UT5UAD
100	UKR	F A B	M60	Shevchuk, Ihor - UR5SP
101	UKR	A	M21	Shtanko, Serhii
		F S B	M40	Shtanko, Serhii
102	UKR	F S A B	W35	Soroka, Nadia
103	UKR	F S A B	W21	Vlasiuk, Yuliia
104	UKR	F S A B	M50	Zelenskyi, Sergii

19. Switzerland(SUI) 1 person [2876]				
150	SUI	F S A B	M40	Lerjen, Martin - HE9LER

20. Sweden (SWE) 4 persons [2872]				
146	SWE	F S A B	M21	Erik, Tullus
147	SWE	F S A B	M50	Lindell, Henrik
148	SWE	F S A B	M70	Ljungström, Peter - SM5KMU
149	SWE	F S A B	M70	Svensson, Gunnar - SM06689

The photos of the participating teams

The photos often show more people than there were competition participants. Often the officials, reserve participants and those who only participated in the Euro Cup 2021 are also in the picture.

No photo could be found of all teams. A number of team photos are composed of individual photos.

And also no photo was found of the Polish participant, but he was found on the website of DL1AQ (<http://www.ardf.de/>) of the competitions in 2017.



2860. 2021: The team of Russia.



2861. 2021: The team of Ukraine.



2862. 2021: The team of Czech Republic.



2863. 2021: The team of Romania.



2864. 2021: The team of Moldova. The images are less good, they are screen clips from the films of the event or found elsewhere.



2865. 2021: The team of Slovakia.



2867. 2021: The team of Belarus.



2866. 2021: The team of Bulgaria.



2868. 2021: The team of Hungary.



2869. 2021: The team of Germany.



2871. 2021: The team of Serbia.



2870. 2021: The team of Estonia.



2872. 2021: The team of Sweden. Henrik Lindell M50, Peter Ljungström SM5KMU M70, Erik Tullus M21 and Gunnar Svensson SM0-6689 M70.



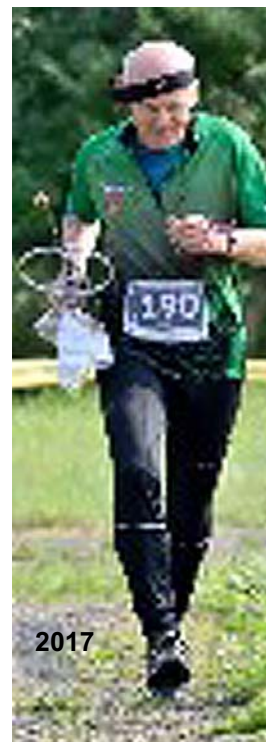
2873. The team of Lithuania. Some of the images are less good, they are screen clips from the films of the event or found elsewhere.



2874. 2021: The team of Finland.



2875. 2021: The team of Croatia, including the four participants in the EYAC.



2876. 2021: The one-man teams of Kazakhstan, Great Britain, Switzerland and Poland.

The results

To which countries were the individual and team medals awarded? See the overview below in order of the total number of medals (individuals and teams together).

Because the number of categories has been expanded, there are now 3x12 instead of 3x11 individual medals to be won per competition and 2x12 for the teams.

Country	ARDF 80 m			ARDF 2 m			ARDF Sprint			Foxo-ring			Total				
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	Sum	Teams
Plaats:	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	Sum	Sum
Czech Republic (CZE)	3			2			5			3			13			50	21
		5			2			6			4			17			
			4			4			7			5			20		
Ukraine (UKR)	4			5			4			3			16			31	16
		2			2			1			4			9			
			1			3			1			1			6		
Russia (RUS)	4			2			-			3			9			22	16
		1			2			2			1			6			
			2			2			2			1			7		
Hungary (HUN)	1			1			1			2			5			11	3
		-			2			1			-			3			
			1			1			-			1			3		
Slovakia (SVK)	1			-			1			-			2			8	3
		2			2			-		1				5			
			-			-		1		-					1		
Bulgaria (BUL)	-		-		-		-			1			1			5	5
		1			1			-		-				2			
			-		-	-		1			1				2		
Belarus (BLR)	1			-		-	-			-			1			8	1
		1			1			1		2				5			
			1			-		-		1					2		
Kazakhstan (KAZ)	-			-									-			2	-
			-		-									-			
				1			1								2		
Lithuania (LTU)	-			-			1			-			1			2	-
		-		-		-		-		-				-			
		-		-		-		-		1					1		
Germany (GER)	-			-									-			1	1
		-		-										-			
			1			-									1		
Romania (ROM)	-			-									-			1	1
		-		-										-			
			-			1									1		
Estonia (EST)							-						-			1	1
								1						1			
								-						-			
Sweden (SWE)																-	2
Moldova (MDA)	-			-						-			-			1	-
		-		-						-			-				
			1			-				1					1		
Poland (POL)																	-
Switzerland (SUI)																-	-
Gr. Britannië (GBR)																-	-
Finland (FIN)													-			-	-
														1			
															-		
Croatia (CRO)																-	-
Serbia (SRB)																-	-
Total	1	1	1	1	1	1	1	1	1	1	1	1	48	48	48	144	70

2877. 2021: The countries in order of the total number of medals won in the four competitions of this Region 1 Championships. Only the two traditional ARDF competitions count for the team rankings.

Participants per country and category

There is also a correlation between the number of medals and the size of the country's total team in these championships. See overview [2877] and [2878].

Only the Czech Republic, Ukraine and Russia had a large country team. The other teams were smaller than in previous championships, but some of them still won a reasonable number of medals.

Four countries had only one participant: Great Britain, Kazakhstan, Poland and Switzerland.

There can be more than three entrants per country in each category, as different entrants could be entered for the four competitions. In some competitions, participants were also placed in a different (heavier) category. This was the case in a number of countries.

Table [2878] lists the total number of people participating in a particular category per country. On the far right is the size of the total team.

So the total number, especially with the larger countries, is greater than the number of members of the country's team, which is listed in the last column. This is due to category switching and the participation of other participants, when there are more than three in a given category.

Country	W	W	W	W	W	W	M	M	M	M	M	M	To-tal	Team size
	1	2	3	4	5	6	1	2	4	5	6	7		
Russia (RUS)	4	6	3	5	4	3	6	5	2	3	3	3	47	45
Czech Republic (CZE)	4	4	4	4	4	4	4	4	4	4	3	-	43	41
Ukraine (UKR)	4	4	3	2	-	-	6	4	5	3	3	2	36	35
Bulgaria (BUL)	3	2	-	1	1	-	1	4	1	4	3	3	23	21
Romania (ROM)	1	3	2	1	-	-	3	3	-	3	1	1	18	16
Slovakia (SVK)	2	3	-	-	1	-	3	3	1	2	1	-	16	15
Hungary (HUN)					1	2	1	1	-	-	2	3	12	12
Germany (GER)	-	-	-	-	2	-	-	2	5	4	1	-	14	11
Moldova (MDA)	1	1	2	-	-	-	1	-	2	1	1	-	9	9
Lithuania (LTU)		2	1	-	-	-	-	3	-	-	2	-	8	8
Belarus (BLR)	-	-	-	1	1	-	3	-	-	1	-	-	6	6
Croatia (CRO)	1	-	-	-	1	-	2	-	-	-	1	1	6	6
Sweden (SWE)	-	-	-	-	-	-	-	1	-	1	-	2	4	4
Estonia (EST)	-	-	-	-	-	-	-	3	-	3	-	-	6	3
Finland (FIN)	-	-	-	-	-	-	-	1	1	-	1	-	3	3
Serbia (SRB)	-	-	-	-	-	-	-	1	1	-	-	-	2	2
Switzerland (SUI)	-	-	-	-	-	-	-	-	1	-	-	-	1	1
Poland (POL)	-	-	-	-	-	-	-	-	-	-	-	1	1	1
Kazakhstan (KAZ)	-	-	-	-	-	-	-	-	-	-	-	1	1	1
Great Britain (GBR)	-	-	-	-	-	-	-	-	1	1	-	-	2	1
Totaal	2	2	1	1	1	0	3	3	2	3	2	1	258	241
	0	5	5	5	6	8	0	3	4	3	2	7		

2878. The 20 participating countries in order of their team size.

The results of the countries

In places 1, 2 and 3 in tables [2873] and [2874] are again the countries that in the past always belonged to the top three. Russia, Czech Republic and Ukraine.

Bulgaria also had a good result, with 21 medals.

Six teams did not win a single individual or team medal this time. This applies to Poland, Switzerland, Great Britain, Finland, Croatia and Serbia.



2879. 2021: The certificate for the individual three best classified participants.



2881. 2021: The certificate for the members of the three best placed teams in both Classic ARDF competitions.



2880. 2021: The medals for the youth championships EYAC.



2882. 2021: The gold medal of the Region 1 championships. The form is the same as for the EYAC and the Euro Cup. Only the text is different.

The results of the competitions

The following pages give a complete overview of the results of the four competitions. The data has been taken from the results lists posted on the organization's website.

If a column says 'dns', it means 'did not start'. This means that the participant in question was registered, but did not participate in this competition.

If a column reads 'B', this means that the person concerned

has only found the finish beacon.

If it says 'ovt' it means 'overtime', the participant entered outside the allotted time.

If it says 'dnf' it means 'did not finish', the started participant has not logged off at the finish.

The number stated under V includes the finish beacon.

Teams W19 - 1st ARDF competition - 2 m - 14 participants - 10 foxes - 140 minutes

1. Ukraine - 148.23, 2. Russia - 159.55, 3. Czech Republic - 181.58, 4. Bulgaria - 232.48. [2883]

Teams W19 - 2nd ARDF competition - 80 m - 15 participants - 10 foxes - 140 minutes

1. Czech Republic - 98.15, 2. Ukraine - 98.37, 3. Bulgaria - 132.16, 4. Russia - 145.05, 5. Slovakia - 111.13 (7). [2884]

W19		1st ARDF - 2 m			2nd ARDF - 80 m			ARDF Sprint			Foxoring		
		140 min. 14 part.			140 min. 10 part.			60 min. 13 part.			120 min. 13 part.		
Naam	Ctry	Nr.	V	Time	Nr.	V	Time	Nr.	V	Time	Nr.	V	Time
Bondarchuk, Anastasiia	UKR	1	5	62'37	3	5	49'24	6	9	16'52	8	6	44'36
Melnikova, Svetlana	RUS	2	5	75'19	7	5	59'37				11	6	62'12
Andrianova, Ekaterina	RUS	3	5	84'36	10	5	85'28	5	9	16'52	5	6	42'00
Petrovska, Yeliena	UKR	4	5	85'46	2	5	49'13	4	9	15'58	6	6	43'52
Stoliarova, Mariia	RUS	5	5	85'53	12	4	98'45	8	9	21'21			
Klecová, Johana [2885]	CZE	6	5	87'08				3	9	15'21	9	6	47'08
Tollarová, Markéta [2885] [2886]	CZE	7	5	94'50	1	5	48'26	2	9	14'48	1	6	37'03
Staňková, Věra [2885]	CZE	8	5	96'57	8	5	61'31	1	9	13'51			
Dyaksova, Evangelina [2886]	BUL	9	5	100'45	6	5	58'39				3	6	38'04
Kuriaková, Terézia	SVK	10	5	117'06	14	4	61'01	7	9	20'18			
Bielash, Zhanna	UKR	11	5	131'57	5	5	54'50						
Ileva, Silvana	BUL	12	5	132'03	9	5	73'37	13	6	55'21	12	6	99'42
Chireeva, Tatiana	MLD	13	4	115'21	11	5	86'33						
Petrosanec, Paula	CRO	14	3	136'20	13	5	109'50	12	7	31'34	-	B	86'30
Jirásková, Barbora	CZE				4	5	49'49				10	6	50'22
Vladárová, Paula	SVK				15	3	50'12						
Ionova, Alexandra	RUS							9	9	21'21	7	6	44'25
Hupalo, Olha [2886]	UKR							10	9	26'06	2	6	37'32
Mija, Maria	ROM			in W21			in W21	11	8	13'02	4	6	41'04



2883. 2021 - 1st classic ARDF: The winning teams in W19.



2885. 2021 - Sprint: The winners in W19.



2884. 2021 - 2nd classic ARDF: The winning teams in W19. On the right is organizer Viktor Tsenkov - LZ3NN who presented the medals.



2886. 2021 - Foxoring: The winners in W19.

Teams W21 - 1st ARDF competition - 2 m - 20 participants - 10 foxes - 140 minutes

1. Ukraine - 148.23, 2. Czech Republic - 155.48, 3. Slovakia - 171.01, 4. Russia - 185.25, 5. Romania - 197.49, 6. Lithuania - 235.55, 7. Bulgaria - 242.43 (8). [2887]

Teams W21 - 2nd ARDF competition - 80 m - 21 participants - 10 foxes - 140 minutes

1. Russia - 90.12, 2. Czech Republic - 101.36, 3. Ukraine - 113.13, 4. Slovakia - 115.58, 5. Romania - 116.05, 6. Lithuania - 117.26, 7. Bulgaria - 135.24. [2888]

W21		1st ARDF - 2 m			2nd ARDF - 80 m			ARDF Sprint			Foxoring		
		140 min. 20 part.			140 min. 21 part.			60 min. 16 part.			120 min. 16 part.		
Naam	Ctry	Nr.	V	Time	Nr.	V	Time	Nr.	V	Time	Nr.	V	Time
Fucíková, Hana [2889]	CZE	1	5	62'37	4	5	51'01	3	9	16'03	in W35		
Vlasiuk, Yuliia	UKR	2	5	72'36	14	5	61'56	6	9	17'55	9	7	47'13
Fursa, Olena	UKR	3	5	79'06	13	5	60'42						
Parkhomenko, Oleksandra	UKR	4	5	81'15	6	5	52'31	4	9	16'03	3	7	40'33
Šístková, Iveta	CZE	5	5	83'13	3	5	50'35				2	7	39'32
Košutová, Katarína	SVK	6	5	85'04	17	5	64'12	11	9	19'41	12	7	50'45
Mija, Denise	ROM	7	5	85'26	11	5	59'10	12	9	20'13	13	7	57'50
Rošová, Veronika	SVK	8	5	85'57	15	5	63'31	10	9	19'32			
Giklova, Natalia	RUS	9	5	89'35	1	5	43'08						
Bžatková, Kateřina	CZE	10	5	95'44				8	9	18'57	10	7	47'24
Komarova, Ekaterina	RUS	11	5	95'50									
Pisarenko, Elena [2889]	RUS	12	5	100'53	2	5	47'04	2	9	15'58	4	7	40'57
Marcu, Valentina YO7MAV	ROM	13	5	112'23	18	5	68'00	13	9	20'18	14	7	62'01
Kamarevceva, Giedre	LTU	14	5	115'05	19	5	80'29						
Šimečková, Barbora	SVK	15	5	116'37	5	5	49'49	9	9	18'02	16	7	71'47
Nakvose, Nadezhda [2889]	LTU	16	5	120'50	9	5	53'44	1	9	14'24	8	7	46'39
Ivanova, Magarita	MLD	17	5	139'56	21	5	112'37						
Dyaksova, Andreyana	BUL	18	4	103'39	8	5	53'11				11	7	48'15
Mija, Maria	ROM	19	4	133'02	10	5	56'55	in W19			in W19		
Valcheva, Stanimira	BUL	20	4	139'04	20	5	82'13	14	9	24'02			
Trpáková, Daniela	CZE				6	5	52'31	9	9	19'24	7	7	43'52
Godunova, Anastasiia	RUS				12	5	60'40	16	8	15'41	6	7	42'15
Mastauskiene, Nadežda	LTU	in W35			16	5	63'42						
Melnikova, Nadežda	RUS							5	9	17'43			
Puhach, Mariia	UKR							15	9	24'14	15	7	65'37
Raikova, Svetlana	RUS	in W35			in W35						1	7	36'59
Ivanova, Kristina	BUL										5	7	41'09



2887. 2021 - 1st classic ARDF: The winning teams in W21.



2889. 2021 - Sprint: The winners in W21.



2888. 2021 - 2nd classic ARDF: The winning teams in W21.

Teams W35 - 1st ARDF competition - 80 m - 12 participants - 10 foxes - 140 minutes

1. Russia - 109.38, 2. Czech Republic - 110.09, 3. Romania - 134.14, 4. Ukraine - 161.16, 5. Moldova - 166.26. [2890]

Teams W35 - 2nd ARDF competition - 2 m - 11 participants - 10 foxes - 140 minutes

1. Czech Republic - 140.52, 2. Ukraine - 163.55, 3. Russia - 169.09, 4. Moldova - 195.52, 5. Romania - 186.28 (7) [2891]

W35		1st ARDF - 80 m			2nd ARDF - 2 m			ARDF Sprint			Foxoring		
		140 min. 12 part.			140 min. 11 part.			60 min. 9 part.			120 min. 6 part.		
Naam	Ctry	Nr.	V	Time	Nr.	V	Time	Nr.	V	Time	Nr.	V	Time
Raikova, Svetlana	RUS	1	5	41'50	1	5	61'35						
Voráčková, Lenka [2893]	CZE	2	5	41'53				2	7	16'07			
Fedorina, Iulia [2892]	MLD	3	5	50'35	7	5	87'18	4	7	18'08	3	6	48'34
Mastauskienė, Nadežda	LTU	4	5	52'35				9	6	18'59			
Manea, Ramona - YO7MAE	ROM	5	5	55'55	11	2	102'29	8	6	18'01	4	6	56'43
Arslanova, Guzel	RUS	6	5	67'48	8	5	107'34	5	7	24'11			
Adámková, Blanka [2892] [2893]	CZE	7	5	68'16	2	5	65'58	3	7	16'14	2	6	47'27
Soroka, Nadia	UKR	8	5	69'04	4	5	79'07	7	7	25'22	6	6	78'57
Mija, Eliana	ROM	9	5	78'19	5	5	83'59						
Kozyr, Nataliia	UKR	10	5	92'12	6	5	84'48	in W45					
Šimlová, Hedvika	CZE	11	5	98'13	10	3	120'49	6	7	24'14	5	6	73'48
Covaliva, Magarita	MLD	12	5	115'51	9	5	108'34						
Zuskova, Ilona	CZE				3	5	74'54						
Fursa, Olena [2893]	UKR	in W21			in W21			1	7	15'59			
Fucíková, Hana [2892]	CZE	in W21			in W21			in W21			1	6	37'41



2890. 2021 - 1st classic ARDF: The winning teams in W35.



2892. 2021 - Foxoring: The winners in W35.



2891. 2021 - 2nd classic ARDF: The winning teams in W35.



2893. 2021 - Sprint: The winners in W35.

Teams W45 - 1st ARDF competition - 80 m - 10 participants - 8 foxes - 140 minutes

1. Czech Republic - 92.36, 2. Russia - 98.26, 3. Bulgaria - 181.48. [2894]

Teams W45 - 2nd ARDF competition - 2 m - 10 participants - 10 foxes - 140 minutes

1. Russia - 106.54, 2. Czech Republic - 120.10, 3. Bulgaria - 193.23.

W45		1st ARDF - 80 m			2nd ARDF - 2 m			ARDF Sprint			Foxoring		
		140 min. 10 part.			140 min. 10 part.			60 min. 13 part.			120 min. 12 part.		
Naam	Ctry	Nr.	V	Time	Nr.	V	Time	Nr.	V	Time	Nr.	V	Time
Godunova, Svetlana - R5VBU [2895] [2897]	RUS	1	4	40'43	1	5	46'33				1	5	28'30
Hažmuková, Pavla [2895] [2896]	CZE	2	4	45'44	3	5	59'20	2	8	16'53	4	5	33'18
Šimáčková, Jitka [2896] [2897]	CZE	3	4	46'52	5	5	60'50	1	8	14'39	3	5	32'02
Lásková, Martina	CZE	4	4	55'12	8	5	91'00				6	6	35'32
Romashkevich, Ekaterina - UB6KAP [2896]	RUS	5	4	57'43	4	5	60'21	3	8	16'58			
Soloveva, Nina	RUS	6	4	59'49	7	5	68'47				5	5	33'49
Hrakholskaya, Ala [2895] [2897]	BLR	7	4	75'32	2	5	53'27	8	8	21'49	2	5	30'16
Sokolova, Julia	BUL	8	4	77'57	9	5	130'36	4	8	17'12	11	5	49'24
Skropné Szurómi, Éva	HUN	9	4	79'44	10	4	117'15	13	8	30'22	10	5	43'04
Mateeva, Steliyana	BUL	10	4	103'51	6	5	62'47	6	8	21'28	9	5	37'44
Kalenova, Svetlana	RUS							5	8	18'21			
Mija, Eliana	ROM	in W35			in W35			7	8	21'44	12	5	51'00
Ovchinnikova, Elena - R4FBE	RUS							9	8	23'58	7	5	35'44
Zuzkova, Ilona	CZE				in W35			10	8	24'28			
Panchuk, Liudmyla	UKR							11	8	25'29			
Kozyr, Nataliia	UKR	in W35			in W35			12	8	25'38	8	5	37'21



2894. 2021 - 1st classic ARDF: The winning teams in W45.



2896. 2021 - Sprint: The winners in W45.



2895. 2021 - 2nd classic ARDF: The winners in W45.



2897. 2021 - Foxoring: The winners in W45.

Teams W55 - 1st ARDF competition - 80 m - 13 participants - 8 foxes - 140 minutes

1. Czech Republic - 124.21, 2. Hungary - 125.27, 3. Russia - 126.44, 4. Germany - 191.05. [2901]

Teams W55 - 2nd ARDF competition - 2 m - 13 participants - 10 foxes - 140 minutes

1. Hungary - 110.36, 2. Czech Republic - 123.29, 3. Russia - 149.11, 4. Germany - 190.59 (6). [2898]

W55		1st ARDF - 80 m			2nd ARDF - 2 m			ARDF Sprint			Foxoring		
		140 min. 13 part.			140 min. 13 part.			60 min. 12 part.			120 min. 13 part.		
Naam	Ctry	Nr.	V	Time	Nr.	V	Time	Nr.	V	Time	Nr.	V	Time
Šimáčková, Anna - OM6ASA	SVK	1	4	51'13	5	4	66'11	4	8	20'07	2	5	48'01
Dzianisava, Natallia	BLR	2	4	53'52	7	4	71'14	12	7	20'37	3	5	48'33
Zarnoczay, Klara - HA0RZK [2899] [2900]	HUN	3	4	54'46	3	4	56'33	1	8	16'28	1	5	41'53
Makeeva, Nadezhda	RUS	4	4	57'06	9	4	78'52				7	5	55'09
Soukupová, Leona [2900]	CZE	5	4	60'01				3	8	17'51	4	5	50'13
Marečková, Iva - OK2XWN	CZE	6	4	64'20	8	5	74'18	5	8	21'31			
Čadová, Renata [2899] [2900]	CZE	7	4	66'22	1	4	49'11	2	8	17'03	5	5	51'10
Savinych, Larisa	RUS	8	4	69'38	6	4	70'19	7	8	22'59	6	5	54'39
Drews, Brigitte - DL7AFJ	GER	9	4	70'35	4	4	60'14	6	8	22'14	11	5	82'38
Radics, Anna Mária [2899]	HUN	10	4	70'41	2	4	54'03				8	5	59'54
Kniazeva, Svetlana - UB4HOA	RUS	11	4	72'00	10	4	82'07	9	8	27'40	10	5	68'57
Wanner, Alexandra	GER	12	4	120'30	13	2	130'45	8	8	27'06	12	5	113'57
Sokolović, Alida	CRO	13	4	126'45	12	3	126'56	10	8	32'44	13	3	108'59
Šrútová, Marcela	CZE				11	4	89'41				9	5	60'22
Andriunina, Alla - R2SAB	RUS							11	8	34'34			



2898. 2021 - 2nd classic ARDF. The winning teams in W55. On the left is jury member Karl-Heinz Schade - DL7VDB who presented the medals.



2899. 2021 - 2nd classic ARDF. The winners in W55.



2900. 2021 - Sprint. The winners in W55.



2901. 2021 - 1st classic ARDF. The winning teams in W55.

Teams W65 - 1st ARDF competition - 80 m - 7 participants - 8 foxes - 140 minutes

1. Czech Republic - 169.46, 2. Russia - 190.34. [2903]

Teams W65 - 2nd ARDF competition - 2 m - 7 participants - 8 foxes - 140 minutes

1. Czech Republic - 140.02, 2. Russia - 153.56.

W65		1st ARDF - 80 m			2nd ARDF - 2 m			ARDF Sprint			Foxoring		
		140 min. 7 part.			140 min. 7 part.			60 min. 7 part.			120 min. 6 part.		
Naam	Ctry	Nr.	V	Time	Nr.	V	Time	Nr.	V	Time	Nr.	V	Time
Piroska, Lászlóné Hornyai	HUN	1	4	73'02	7	2	98'52	7	6	19'09	5	5	64'04
Voráčková, Eliška [2902] [2904]	CZE	2	4	75'36	2	4	71'08	1	7	20'51	3	5	51'27
Koroleva, Galina	RUS	3	4	89'44	3	4	73'56	6	7	27'18	4	5	56'37
Poláková, Ludmila - OK1PGN [2902]	CZE	4	4	94'10	6	3	120'19	3	7	24'57	6	5	93'26
Pátková, Alenka	CZE	5	4	96'22	1	4	68'54	4	7	26'59			
Agafonova, Tatiana [2904]	RUS	6	4	100'50	4	4	80'00	5	7	27'06	2	5	48'06
Stetsenko, Lidiia [2902] [2904]	RUS	7	4	137'50	5	4	99'55	2	7	20'52	1	5	42'17



2902. 2021 - Sprint. The winners in W65.



2904. 2021 - Foxoring. The winners in W65.



2903. 2021 - 1st classic ARDF. The winning teams in W65.



2905. 2021 - 1st classic ARDF: The winning teams in M19.

Teams M19 - 1st ARDF competition - 2 m - 22 participants - 10 foxes - 140 minutes

1. Ukraine - 130.23, 2. Slovakia - 136.51, 3. Czech Republic - 139.51, 4. Romania - 144.22, 6. Russia - 152.19, 7. Belarus - 164.44, 8. Croatia - 249.30 (8). [2905]

Teams M19 - 2nd ARDF competition - 80 m - 22 participants - 10 foxes - 140 minutes

1. Ukraine - 83.21, 2. Belarus - 87.33, 3. Slovakia - 90.41, 4. Czech Republic - 98.16, 5. Romania - 103.11, 6. Russia - 112.27, 7. Croatia - 149.56 (7).

M19		1st ARDF - 2 m			2nd ARDF - 80 m			ARDF Sprint			Foxoring		
		140 min. 22 part.			140 min. 22 part.			60 min. 21 part.			120 min. 22 part.		
Naam	Ctry	Nr.	V	Time	Nr.	V	Time	Nr.	V	Time	Nr.	V	Time
Dvornikov, Danilo [2908]	UKR	1	5	50'02	1	5	37'46	in M21			in M21		
Jurčík, Tomáš [2906] [2908]	SVK	2	5	62'04	2	5	41'58	3	10	14'52	14	9	54'42
Mija, Tiberiu [2908]	ROM	3	5	69'09	7	5	48'19	14	10	19'32	6	9	48'35
Unčovský, Jakub	CZE	4	5	69'49	11	5	53'39	9	10	17'00	13	9	51'50
Dukát, Šimon	CZE	5	5	70'02	10	5	49'50	8	10	16'59	9	9	49'07
Mikhalov, Vladislav	RUS	6	5	71'10				5	10	15'56			
Nosál, Michal	SVK	7	5	74'47	9	5	48'43	6	10	16'09	5	9	48'03
Anghelescu, Claudiu	ROM	8	5	75'13	12	5	54'52	12	10	19'12	16	9	60'17
Zhylynski, Sjarhei [2906]	BLR	9	5	80'02	3	5	42'46	2	10	14'35	4	9	47'19
Biletskyi, Kiril	UKR	10	5	80'21									
Apatenkov, Nikita	RUS	11	5	81'09	13	5	55'07	15	10	19'53			
Petrenko, Kostiantyn	UKR	12	5	83'46				10	10	17'38	2	9	44'39
Tomashau, Oleg	BLR	13	5	84'42	4	5	44'47	7	10	16'39	10	9	50'22
Grigorev, Andrei	RUS	14	5	90'49				4	10	15'20			
Budiský, Matej	SVK	15	5	91'46	17	5	58'17	17	10	20'15	22	3	51'41
Raducan, Theodor	ROM	16	5	96'07	14	5	55'09	11	10	19'01	17	9	60'50
Jovic, Marin	CRO	17	5	119'44	20	5	70'05	20	6	58'55	20	5	96'28
Kolský, Pavel	CZE	18	4	133'47							18	9	61'25
Trifan, Ilie	MLD	19	4	134'58	15	5	56'23						
Kos, Anđelko - 9A3UCA	CRO	20	3	129'46	22	2	79'51	21	5	32'16	21	4	98'55
Krajčár, Tamás	HUN	21	2	90'02	21	5	105'32	19	10	26'53	19	9	99'27
Obernikhin, Aliaksandr	BLR	-	4	157'36	18	5	58'21	18	10	21'43	8	9	48'55
Ishchuk, Vladyslav [2906]	UKR				5	5	45'35	1	10	14'28	1	9	44'10
Orlov, Anton	UKR				6	5	47'31						
Klec, Jakub	CZE				8	5	48'26	13	10	19'28			
Mishchenko, Aleksei	RUS				16	5	57'20				7	9	48'54
Solovev, Sergei	RUS				9	5	60'12				3	9	45'00
Antonchik, Vladyslav	UKR							16	10	20'06			
Kulinchenko, Lev	UKR										11	9	51'31
Muzalevskii, Andrei	RUS										2	9	51'40
Zashev, Vasil	BUL										15	9	57'43



2906. 2021 - Sprint: The winners in M19. On the left is Ole Garpestad - LA2RR, who presented the medals.



2908. 2021 - 1st classic ARDF: The winners in category M19.



2907. 2021 - 1st classic ARDF: The winners in category M21. On the left is organizer Viktor Tsenkov - LZ3NN who presented the medals.

Teams M21 - 1st ARDF competition - 2 m - 23 participants - 12 foxes - 140 minutes

1. Ukraine - 115, 2. Russia - 125.42, 3. Czech Republic - 136.34, 4. Lithuania - 145.12, 5. Slovakia - 190.08, 6. Romania - 253.31, 7. Estonia - 161.22 (11), 8. Germany - 157.39 (9). [2910]

Teams M21 - 2nd ARDF competition - 80 m - 19 participants - 12 foxes - 140 minutes

1. Czech Republic - 83.48, 2. Russia - 91.03, 3. Ukraine - 99.05, 4. Lithuania - 99.57, 5. Romania - 116.55, 6. Slovakia - 132.55.

M21		1st ARDF - 2 m			2nd ARDF - 80 m			ARDF Sprint			Foxoring		
		140 min. 23 part.			140 min. 19 part.			60 min. 21 part.			120 min. 18 part.		
Naam	Ctry	Nr.	V	Time	Nr.	V	Time	Nr.	V	Time	Nr.	V	Time
Ivanko, Oleksii [2909] [2907]	UKR	1	6	55'24	5	6	47'55	5	12	17'21	1	11	40'59
Tsvetkov, Aleksei [2907]	RUS	2	6	58'31				13	12	20'46	12	11	52'27
Shtanko, Serhii [2907]	UKR	3	6	59'54									
Hergert, Alexander - DE1ADH	GER	4	6	60'35	10	6	53'25	9	12	18'28	13	11	55'54
Hikl, Tomáš	CZE	5	6	62'18							11	11	52'19
Nakvosas, Mindaugas	LTU	6	6	64'34	4	6	47'22	12	12	19'45	5	11	45'42
Zirov, Oleg	RUS	7	6	67'11	14	6	60'32	11	12	18'55	10	11	51'57
Vorotnikov, Kirill	RUS	8	6	71'30				4	12	16'55			
Oma, Jakub [2909]	CZE	9	6	74'16	8	6	52'23	1	12	13'44	2	11	44'00
Šimáček, Ondrej [2911] [2909]	CZE	10	6	74'29	1	6	41'39	2	12	13'59	3	11	44'53
Volbikas, Rolandas	LTU	11	6	80'38	9	6	52'35	9	12	18'28			
Ishchenko, Dmytro	UKR	12	6	84'49				8	12	17'58			
Račko, Lukáš	SVK	13	6	87'16	17	6	71'20	14	12	22'00	16	11	75'02
Cuninka, Ján	SVK	14	6	102'52	15	6	61'35	16	12	24'35			
Viira, Andres	EST	15	6	106'26	in M50								
Voicu, Razvan	ROM	16	6	118'36	12	6	58'20	15	12	22'22	15	11	66'57
Tamaševičius, Audrius	LTU	17	6	126'23	19	6	101'24	17	12	33'08			
Chivulescu, Matei	ROM	18	6	134'55	13	6	58'35	7	12	17'39	14	11	64'13
Kuusik, Kalle	EST	19	5	69'56									
Erik, Tullus	SWE	20	5	113'44	16	6	65'21	19	12	43'45	17	11	80'46
Gede, Tarmo	EST	21	5	123'14	in M50			in M50			in M50		
Djordjevic, Nenad - YU3ARG	SRB	22	5	131'04	18	6	85'19						
Kottschlag, Gerhard - DL9DBK	GER	23	3	115'02				20	12	43'59			
Šrom, Jakub [2911]	CZE				2	6	42'09	3	12	15'50			
Fetiulin, Evgenii [2911]	RUS				3	6	42'55						
Raikov, Aleksandr	RUS				6	6	48'08				9	11	49'26
Marchuk, Oleksandr	UKR				7	6	51'10				4	11	45'29
Karpovych, Fedor - UT3UFQ	UKR				11	6	57'37						
Sandu, Teodor	ROM							18	12	37'23			
Král, Adam	SVK							21	9	35'20			
Dvornikov, Danilo	UKR	in M19			in M19			6	12	17'37	8	11	48'00
Sirakov, Ivan	BUL										6	11	46'23
Zhelyazkov, Dimitar	BUL										7	11	47'42
Simeon, Venev	BUL										18	11	85'18



2909. 2021 - Foxoring. The winners in M21.



2910. 2021 - 1st classic ARDF: The winning teams in M21. On the left is organizer Viktor Tsenkov - LZ3NN who presented the medals.



2911. 2021 - 2nd classic ARDF: The winners in M21.

Teams M40 - 1st ARDF competition - 2 m - 17 participants - 10 foxes - 140 minutes

1. Ukraine - 102.45, 2. Czech Republic - 127.12, 3. Germany - 159.15, 3. Russia - 169.04. [2912]

Teams M40 - 2nd ARDF competition - 80 m - 16 participants - 10 foxes - 140 minutes

1. Ukraine - 84.44, 2. Russia - 100.21, 3. Czech Republic - 121.27, 4. Germany - 121.27.

M40		1st ARDF - 2 m			2nd ARDF - 80 m			ARDF Sprint			Foxoring		
		140 min. 17 part.			140 min. 16 part.			60 min. 13 part.			120 min. 14 part.		
Naam	Ctry	Nr.	V	Time	Nr.	V	Time	Nr.	V	Time	Nr.	V	Time
Bratchuk, Serhii	UKR	1	5	51'16	2	5	42'25						
Redka, Maksym	UKR	2	5	51'29				2	10	14'55			
Voráček, Michal	CZE	3	5	61'12				1	10	14'15			
Pastor, Kai - DG0YT	GER	4	5	65'32	12	5	61'35	12	10	22'42	5	8	52'02
Šístek, Daniel	CZE	5	5	66'00	6	5	51'33	8	10	19'50	3	8	48'09
Lerjen, Martin - HE9LER	SUI	6	5	68'49	5	6	50'59	13	10	23'10	7	8	52'31
Gniedov, Volodymyr - UT5UAZ	UKR	7	5	69'35				4	10	15'29	2	8	46'29
Goncharov, Aleksei	RUS	8	5	75'23	4	5	48'32	3	10	14'57	8	8	52'48
Klíž, Michal	CZE	9	5	79'38	9	5	59'47				9	8	56'17
Manojlovic, Dragan - YT5DM	SRB	10	5	90'56	11	5	61'35				11	8	66'57
Shaidayuk, Kirill	RUS	11	5	93'41	7	5	51'49	9	10	21'45	6	8	52'12
Körner, Ralph	GER	12	5	93'43	10	5	59'52	7	10	16'10	4	8	48'43
Král, Jozef	SVK	13	5	104'34	in M50								
Eichler, Gerald - DL1DSR	GER	14	5	108'16	in M50								
Kirves, Petri - OH2KHX	FIN	15	4	133'43	15	5	71'02	11	10	22'03	13	8	87'31
Fedorin, Veaceslav	MLD	-	5	170'01							14	4	107'02
Batcu, Andrei	MLD	-	3	208'59	16	5	134'08						
Shtanko, Serhii	UKR	in M21			1	5	42'19	5	10	15'43	1	8	40'47
Kolodiaznyi, Vasyl	UKR	in M50			3	5	46'23	in M50			in M50		
Chalk, Steve	GBR	in M50			8	5	59'45						
Šindelka, Antonín	CZE	in M50			13	5	62'24	6	10	16'06	10	8	57'06
Henneberg, Jens - DL8UAN	GER	in M50			14	5	64'22	in M50					
Wanner, Nikolaj	GER	in M50			in M50			10	10	21'53			
Mitev, Nikolay - LZ4ND	BUL	in M50			in M50			in M50			12	8	82'37



2912. 2021 - 1st classic ARDF: The winning teams in M40

Teams M50 - 1st ARDF competition - 80 m - 25 participants - 12 foxes - 140 minutes

1. Ukraine - 102.48, 2. Czech Republic - 103.30.12, 3. Russia - 108.35, 4. Germany - 116.59, 5. Bulgaria - 120.28, 6. Romania - 139.29, 7. Hungary - 157.17.

Teams M50 - 2nd ARDF competition - 2 m - 27 participants - 12 foxes - 140 minutes

1. Bulgaria - 125.23, 2. Estonia - 127.16, 3. Czech Republic - 129.42, 4. Hungary - 130.14, 5. Germany - 150.26, 6. Romania - 154.38, 7. Ukraine - 155.57, 8. Russia - 181.07. [2914]

M50		1st ARDF - 80 m			2nd ARDF - 2 m			ARDF Sprint			Foxoring		
		140 min. 25 part.			140 min. 27 part.			60 min. 26 part.			120 min. 25 part.		
Naam	Ctry	Nr.	V	Time	Nr.	V	Time	Nr.	V	Time	Nr.	V	Time
Dzianisau, Valery [2913] [2915]	BLR	1	6	45'15	5	6	62'52	9	9	18'52	2	8	45'23
Hrouda, Petr [2913]	CZE	2	6	50'04	14	6	76'27				1	8	44'45
Henneberg, Jens - DL8UAN [2913]	GER	3	6	50'40	in M40			6	9	17'13			
Kolodiaznyi, Vasyi [2915]	UKR	4	6	51'12	in M40			1	9	13'29	5	8	49'32
Zelenskyi, Sergii	UKR	5	6	51'36	6	6	64'19	3	9	15'49	6	8	49'45
Petrov, Vadim	RUS	6	6	51'50	dsq	6	72'11	5	9	16'54	11	8	54'36
Lehtosaari, Kimmo - OH2JKU	FIN	7	6	52'02	10	6	71'00	10	9	18'57	18	8	65'17
Iakymenko, Vitalii	UKR	8	6	52'04	19	6	91'38	12	9	19'44			
Žáček, Zbyněk [2915]	CZE	9	6	53'26				4	9	15'53	3	8	46'10
Kostov, Zlatin - LZ2ZLA	BUL	10	6	53'59	2	6	51'54	17	9	21'36	17	8	65'16
Mucsi, Mihály	HUN	11	6	54'15	1	6	43'51	25	8	13'18	7	8	51'16
Zach, Jaroslav	CZE	12	6	56'07	3	6	53'15	7	9	17'56			
Abramov, Aleksei - RA4HRA	RUS	13	6	56'45	11	6	73'29				8	8	51'19
Chalk, Steve	GBR	14	6	58'35	in M40								
Sobolin, Sergey - R2AOI	RUS	15	6	61'44	24	6	120'26	8	9	18'03	13	8	57'27
Gridin, Igor	MLD	16	6	62'01	22	6	99'28	18	9	22'09	19	8	66'12
Boer, Botond	ROM	17	6	65'09	15	6	81'00	21	9	23'41	25	7	66'52
Wanner, Nikolaj	GER	18	6	66'19	21	6	98'27	in M40			9	8	52'54
Nikolov, Daniel - LZ3FB	BUL	19	6	66'29	25	6	120'26	13	9	20'10	16	8	62'05
Drews, Christian DL7APD	GER	20	6	71'03	7	6	64'38	15	9	21'06	14	8	59'49
Marcu, Adrian - YO7LOI	ROM	21	6	74'20	13	6	73'38	14	9	20'57	20	8	67'09
Lindell, Henrik	SWE	22	6	80'44	23	6	103'55	26	8	24'43	22	8	67'58
Mitev, Nikolay - LZ4ND	BUL	23	6	82'02	11	6	73'29	22	9	24'07			
Mereuta, Jenica	ROM	24	6	89'41	26	2	116'47						
Skrop, Róbert	HUN	25	6	103'02	17	6	86'23	24	9	26'15	23	8	81'33
Gede, Tarmo	EST	in M21			4	6	57'53	18	9	22'09	15	8	53'51
Kuusik, Kalle	EST	in M21			8	6	69'23	2	9	15'24	10	8	53'51
Král, Jozef	SVK	in M40			9	6	70'11						61'42
Eichler, Gerald - DL1DSR	GER	in M40			16	6	85'48	23	9	24'08	24	8	86'18
Viira, Andres	EST	in M21			18	6	86'49	11	9	19'24	12	8	54'59
Hamouz, Tomáš - OK1DNO	CZE				20	6	95'28	16	9	21'08	21	8	67'16
Jurčík, Peter	SVK							20	9	23'01			
Pedev, Todor	BUL										4	8	49'25



2913. 2021 - 1st classic ARDF: The winners in M50. On the left is jury member Karl-Heinz Schade - DL7VDB who presented the medals.



2914. 2021 - 2nd classic ARDF: The winning teams in M50.



2915. 2021 - Foxoring: The winners in M50

Teams M60 - 1st ARDF competition - 80 m - 22 participants - 10 foxes - 140 minutes

1. Russia - 93.10, 2. Czech Republic - 94.14, 3. Ukraine - 98.42, 4. Hungary - 101.38, 5. Lithuania - 116.58, 6. Bulgaria - 124.26. [2916]

Teams M60 - 2nd ARDF competition - 2 m - 21 participants - 10 foxes - 140 minutes

1. Czech Republic - 110.24, 2. Russia 112.30, 3. Ukraine - 121.24, 4. Hungary - 127.08, 5. Bulgaria - 147.23, 6. Lithuania - 169.46.

M60		1st ARDF - 80 m			2nd ARDF - 2 m			ARDF Sprint			Foxoring		
		140 min. 22 part.			140 min. 21 part.			60 min. 20 part.			120 min. 18 part.		
Naam	Ctry	Nr.	V	Time	Nr.	V	Time	Nr.	V	Time	Nr.	V	Time
Ivanchykhin, Mykola - UR8UA	UKR	1	5	43'12	5	5	58'52	12	8	19'17	4	6	42'02
Šimeček, Jozef - OM3WSJ [2917] [2918]	SVK	2	5	43'28	2	5	51'21	1	8	15'22	5	6	42'57
Mareček, Jiří OK2BWN [2917] [2918] [2919]	CZE	3	5	45'31	3	5	51'29	3	8	16'58	2	6	39'02
Guliev, Chermen - UA3BL [2917]	RUS	4	5	46'28	1	5	46'24	4	8	17'01	7	6	44'33
Burgonutdinov, Albert	RUS	5	5	46'42	10	5	66'06	5	8	17'35	6	6	43'09
Nagy, György - HA3PA [2919]	HUN	6	5	47'13	11	5	70'06				1	6	38'58
Vlach, Miroslav - OK1UMY[2918]	CZE	7	5	48'48	6	5	58'55	2	8	16'46	8	6	47'44
Basys, Rimantas [2919]	LTU	8	5	49'42	16	5	83'33	11	8	18'50	3	6	40'43
Babeu, Pavel - YO9TW	ROM	9	5	52'45	13	5	73'07	8	8	18'27	12	6	64'30
Vinko, Vladimir - 9A6JAW	CRO	10	5	53'35	21	5	104'22	14	8	22'25	17	5	102'03
Hudeaev, Vladimir	MLD	11	5	53'57				6	8	18'03			
Moravszki, János	HUN	12	5	54'25	4	5	57'02	13	8	21'08	9	6	52'03
Romanenko, Vasyi - UT5UAD	UKR	13	5	55'30	7	5	62'32	7	8	18'13			
László, Károly	HUN	14	5	55'43	12	5	73'00	9	8	18'36			
Sukeník, Mojmír - OK2UMO	CZE	15	5	57'16	8	5	63'04	15	8	23'05	16	6	103'39
Shevchuk, Ihor - UR5SP	UKR	16	5	58'52	14	5	75'00				18	4	118'25
Kudinov, Aleksei	RUS	17	5	59'32	18	5	88'55				14	6	76'11
Boev, Vlad - 2nd0VLB	BUL	18	5	60'52	19	5	90'04	18	8	26'31	15	6	80'15
Vodenicharov, Georgi - LZ1ZF	BUL	19	5	63'34	9	5	65'40	10	8	18'40	10	6	59'16
Žukauskas, Artūras	LTU	20	5	67'16	17	5	86'13	19	8	27'31	11	6	62'36
Petkov, Mincho - LZ2DF	BUL	21	5	72'08	15	5	81'43	17	8	25'19			
Götte, Heinrich	GER	22	5	72'35	20	5	94'07	16	8	23'10	13	6	64'58
Parkhomenko, Viacheslav	UKR							20	7	25'06			



2916. 2021 - 1st classic ARDF: The winning teams in M60



2918. 2021 - Sprint: The winners in M60



2917. 2021 - 2nd classic ARDF: The winners in M60



2919. 2021 - Foxoring: The winners in M60

Teams M70 - 1st ARDF competition - 80 m - 17 participants - 8 foxes - 140 minutes

1. Ukraine - 114.36, 2. Sweden - 121.55, 3. Bulgaria - 136.41, 4. Hungary - 137.23.

Teams M70 - 2nd ARDF competition - 2 m - 17 participants - 8 foxes - 140 minutes

1. Ukraine - 150.18, 2. Hungary - 158.52, 3. Sweden - 180.15, 4. Bulgaria - 190.48, 5. Russia - 207.36.

M70		1st ARDF - 80 m			2nd ARDF - 2 m			ARDF Sprint			Foxoring		
		140 min. 17 part.			140 min. 17 part.			60 min. 16 part.			120 min. 14 part.		
Naam	Ctry	Nr.	V	Time	Nr.	V	Time	Nr.	V	Time	Nr.	V	Time
Fursa, Oleg [2921]	UKR	1	4	43'24	1	4	50'35	1	7	17'59	2	5	34'10
Kirev, Dimitar [2921]	BUL	2	4	49'50	5	4	76'56	3	7	19'12	1	5	31'05
Kochergin, Alexandr - UN7JR	KAZ	3	4	53'54	3	4	58'27	5	7	20'27	5	5	38'58
Ljungström, Peter - SM5KMU	SWE	4	4	54'27	4	4	74'45	4	7	19'57	4	5	38'55
Olah, Stefan	ROM	5	4	57'50	7	4	87'44	6	7	20'42	6	5	46'25
Kovács, Attila Gábor [2921]	HUN	6	4	63'18	2	4	51'00	2	7	18'34	3	5	37'35
Belaj, Željko - 9A2QU	CRO	7	4	66'13	15	3	117'38	11	7	27'20	8	5	51'42
Svensson, Gunnar - SM06689	SWE	8	4	67'28	10	4	105'30	10	7	26'34	13	3	115'03
Solovev, Sergei	RUS	9	4	68'00	ovt	2	143'41	8	7	24'23	12	5	81'32
Korolev, Lev	RUS	10	4	68'41	6	4	86'07	9	7	24'23	10	5	62'28
Baranovskyi, Viktor	UKR	11	4	71'12	9	4	99'43	12	7	28'59	9	5	52'58
Nurgaliev, Iurii - RW9WS	RUS	12	4	73'51	14	4	121'29	7	7	21'57	7	5	50'57
Szűk, Zoltán - HA5SZ	HUN	13	4	74'05	11	4	107'52						
Pietrzykowski, Władysław	POL	14	4	75'08	8	4	93'30	13	7	29'24			
Tomov, Asen	BUL	15	4	85'13	12	4	113'52	14	7	32'24	11	5	73'35
Danev, Panayot - LZ1US	BUL	16	4	100'29	dnf	1		15	7	40'26	14	2	77'50
Lehtosaari, Juhani - OH2MD	FIN	17	4	125'32	13	4	114'09	16	7	44'17			



2920. 2021 - 1st ARDF: The winning teams in M70.

Far left is Gunnar Svensson. A very special participant. In 1961 he already won the 2 m competition in Stockholm at the age of fifteen. Since then he has participated in many championships for Sweden.

Finally

All restrictions related to the Covid pandemic were strictly observed by all participants. It is a good fact that after the championships, all PCR tests were negative. BFRA remains proud to be a world record holder in the number of organized Continental and world ARDF championships!



2921. 2021 - Sprint: The winners in M70. On the right is Mayor Ivan Kadev of Bansko, who presented the medals.