
**International Amateur Radio Union Region 1
Bulgarian Federation of Radio Amateurs**



September 3 – 9, 2016

Bulletin No 2

(1 April 2016)



Welcome to Albena, Bulgaria

Bulgarian Federation of Radio Amateurs (BFRA) is pleased to invite ARDF teams, individual competitors, as well as visitors and guests from all over the world to the 18th World ARDF Championships that are to be held in Bulgaria in September 2016 (a pre-event ARDF World Cup 2016 is scheduled during the week before the Championships – see below).

Bulgaria and more specifically the Bulgarian seaside has been the host of numerous important international ARDF competitions and we, as organizers, have always done our best so that both competitors and guests leave our country with nothing but good memories. For the 2016 World Championships we have chosen new areas, where, until this moment, ARDF competitions haven't taken place.

We will do our best that the World Championships 2016 will be conducted at the highest technological level and will take special cares to satisfy all participants' needs.

Preliminary remarks:

The following societies/countries have not yet indicated their willingness to participate in the World Championships and/or ARDF World Cup. They are kindly invited to do that as soon as possible fulfilling and sending Letter of Intent (see below): **ARABIH–Bosnia and Herzegovina, CRSA–China, JARL–Japan, KFRR–Kazakhstan, RSM–Macedonia, MRSF–Mongolia, MARP–Montenegro**. Any other society, visitors from any other country will be welcome, too. Please contact the organizer. The latest date for acceptance of entries is **June 15, 2016**.

So far approximately 350 competitors and 78 visitors/guests have declared their participation in World Championships, respectively 230 and 35 from them in ARDF World Cup, too

Organizer:

Bulgarian Federation of Radio Amateurs (BFRA)
Telephones: +359 889318297, +359897949888, Viktor Tsenkov, President of BFRA
E-mail: lz3nn@abv.bg, bfra_hq@hotmail.com
Website: www.ardf2016.com

Address for correspondence:
BFRA, P.O. Box 830, BG-1000 Sofia, Bulgaria

Venue:

The venue of the Championship will be Albena, a resort at Black Sea coast near the city of Varna.
More detailed information about Albena can be found here: <http://albena.bg/en/pages/about-albena.html>

Event center:

Albena, hotels Orchidea *** and Orchidea Park ***
<http://albena.bg/en/hotels/hotel-orchidea-albena.html>

The stay in hotels is on all-inclusive basis, which means accommodation, three meals per day, free drinks (such as coffee, tea, beer, wine and other alcohol drinks made in Bulgaria) between 07:30 and 23:00.

There is an open summer theatre within the hotel complex where the awarding ceremonies will take place.

Accommodation:

The accommodations will be the hotels Orchidea *** and Orchidea Park *** that are situated near the park in the hotel complex and 800 m away from the beach (with a shuttle free of charge transportation there every 15 minutes).



Number of participants:

World Championships:

Competitors – according to the Rules, e.g. maximum three persons per category;

Team Leader – one person per team;

Visitors, Guests, Media representatives etc.– unlimited number.

ARDF World Cup:

Competitors, Visitors, Guests, Media representatives etc. – unlimited number.

Competition rules:

IARU Region 1 Rules for Championships in Amateur Radio Direction Finding (Part A and Part B), version 2016, will be applied.

Technical parameters of the transmitters to be used for each competition:

Frequency allocations for the 3.5 MHz competitions (according T2.7 form ARDF Rules part B version 2.8)

frequency/competition	classic	sprint	foxoring
3510 kHz		TX 1...5	TX 1, 1F, 2, 2F
3540 kHz	TX 1...5	Spectator (S)	TX 3, 3F, 4, 4F
3570 kHz		TX 1F ... 5F	TX 5, 5F
3600 kHz	beacon	beacon	beacon

Frequency allocations for the 144 MHz competition

144.500 MHz TX 1...5

144.900 MHz Beacon

Output RF Powers:

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

3.5 MHz Foxoring 50 mW;

3.5 MHz Sprint 1W;

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

Antennas:

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

3.5 MHz Foxoring vertical 30 cm and vertical counterpoise 30 cm;

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

International Jury:

Ole Garpestad, LA2RR (NRRL, Norway) – Chairman of the Jury

Dusan Ceha, YU1EA (SRS, Serbia) – Member/Referee

Lucien Vidal, F4DKA (REF, France) – Member/Referee

Kurt Smet, ON4CHE (UBA, Belgium) – Member/Referee

Keith Witney, VE7KW (RAC, Canada) – Member/Referee

Nadejda Velikanova, UT5UTZ (UARL, Ukraine) – Member/Referee

Jiri Pavlu, OK1CHE (CRC, Czech Republic) – Member/Referee

Karl-Heinz Schade, DL7VDB (DARC, Germany) – Member/Referee

Roussko Roussev, LZ1RT (BFRA, Bulgaria) – Siting Referee

Viktor Tsenkov, LZ3NN (BFRA, Bulgaria) – Event and Technical Director

Panayot Danev, LZ1US (BFRA, Bulgaria) – Secretary of the Jury

Transportation to the venue:

Some of the teams travel, as tradition, with their own vehicles. The rest may select their final destination amongst Varna International Airport (VAR), Burgas International Airport (BOJ), or the relevant Railway Station in these towns. The price of transportation Varna Airport – Albena and back by car is 100 EUR for 4 persons or less, by minibus 130 EUR for 7 persons or less, by bus 300 EUR for 34 persons or less and 340 EUR for 50 persons or less. It takes approximately 45 minutes in each direction. The price of transportation Burgas Airport – Albena and back by car is 320 EUR for 4 persons or less, by minibus 380 EUR for 7 persons or less, by bus 950 EUR for 34

persons or less and 1050 EUR for 50 persons or less. It takes approximately 3 hours in each direction. For those who will arrive in Sofia International Airport it is recommended to continue to Varna or Burgas by domestic flight. Sofia International Airport is located relatively away from the venue (510 km) but in some exceptional cases (if any) BFRA can provide transfers to the venue and back **upon request**. Please contact the organizer.

Competitions:

Classic courses on both bands (2-band system), sprint and foxoring

During the competition SPORTIDENT system will be used. The software will be provided by the leader in that field Karl-Heinz Schade - DL7VDB <http://www.ardf-fjww.com>.

The organizers will provide GPS tracking on strongest competitors in the categories M19, W19, M21, W21.

Examples for GPS tracking of ARDF competitions can be found as follows:

FOXORING:

<http://tracksport.eu/map/map.html?id=954242512>

3.5 MHz CLASIC COMPETITION:

<http://tracksport.eu/map/map.html?id=954242513>

We will provide also **LIVE RESULTS** for all categories using long range radio controls.

Categories:

World ARDF Championships:

According to the Rules: W19, M19, W21, M21, W35, M40, W50, M50, W60, M60, and M70,

ARDF World Cup 2016:

W14, M14, W16, M16, W19, M19, W21, M21, W35, M40, W50, M50, W60, M60, and M70,

Schedule:

Previous Competition – ARDF WORLD CUP 2016 – August 29 – September 03, 2016:

The competition will be organized prior to the World Championship (as it was in 2012 in Kopaonik, Serbia)

During the ARDF WORLD CUP 2016 four independent competitions will take place: Classic 3.5 MHz, Classic 144 MHz, Foxoring and Sprint. Classification in each competition will be individually only. Unlimited number participants per category/society are allowed to take part in each event. The first three competitors in each category will be awarded with medals. All competitors will get a certificate. The competitions will be held in four areas, different from the ones chosen for the World Championships. Participation in ARDF World Cup will be the **best and the only officially allowed training** for World Championships, because of similarly characteristics of the terrains and the usage of the same transmitters.

The schedule:

Monday, August 29 — Arrival, Accommodation;

Tuesday, August 30 — Classic 3.5 MHz, Awarding;

Wednesday, August 31 — Classic 144 MHz Awarding;

Thursday, September 01 — Sprint, Awarding;

Friday, September 02 — Foxoring, Awarding;

Saturday, September 03 — Departure/Free time for participants in World Championships.

18th ARDF WORLD CHAMPIONSHIPS – September 03 – 09, 2016:

The schedule:

Saturday, September 03 — Arrival, Accommodation, Training (Sprint and Foxoring);

Sunday, September 04 — Foxoring, Awarding;

Monday, September 05 — Sprint, Training (classics), Awarding;

Tuesday, September 06 — First classic, Awarding;

Wednesday, September 07 — Excursion, Free time;

Thursday, September 08 — Second classic, Awarding, Hamfest;

Friday, September 09 — Departure.

Fees:

FOR ARDF WORLD CHAMPIONSHIPS:

Starting fees (including transportation to the start and from the finish, maps, hamfest):

50 EUR per competition, 200 EUR for the whole event.

Accreditation fee for non-competitors (team officials, media etc.), including transportation to the start and from the finish, maps, hamfest

50 EUR per person for the entire duration of the competition.

Transportation for guests (to the start and from the finish):

5 EUR per person per competition, 20 EUR for the whole event

Accommodation for competitors, officials, guests:

Price on double accommodation and all-inclusive basis: accommodation, three meals, drinks (tea, cafe, juices, beer!) 35 EUR per day per person (competitors, officials, media, guests), 210 EUR for the whole event.

Single accommodation and all-inclusive basis (accommodation, three meals, drinks (tea, cafe, juices, beer!))

50 EUR per day per person (competitors, officials, media, guests). 300 EUR for whole event.

Total fee for competitors (including everything above):

410 EUR (double accommodation);

500 EUR (single accommodation).

Total fee for team officials, media etc. (including everything above):

260 EUR (double accommodation);

350 EUR (single accommodation).

FOR PREVIOUS COMPETITION - ARDF WORLD CUP 2016:

Starting fees (including transportation to the start and from the finish, maps):

10 EUR per competition, 40 EUR for the whole event.

Transportation for guest:

5 EUR per competition, 20 EUR for the whole event.

Accommodation for competitors, officials, guests:

Price on double accommodation and all-inclusive basis: accommodation, three meals, drinks (tea, cafe, juices, beer!) 35 EUR per day per person (competitors, officials, media, guests), 175 EUR for the whole event.

Single accommodation and all-inclusive basis: accommodation, three meals, drinks (tea, cafe, juices, beer!)

50 EUR per day per person (competitors, officials, media, guests). 250 EUR for whole event.

Early payment:

Organizers offer 10% discount for pre-payment until June 15, 2016 as follows:

FOR ARDF WORLD CHAMPIONSHIPS:

Starting fees (including transportation to the start and from the finish, maps, hamfest):

45 EUR per competition, 180 EUR for the whole event.

Accreditation fee for non-competitors (team officials, media etc.), including transportation to the start and from the finish, maps, hamfest

45 EUR per person for the entire duration of the competition.

Accommodation for competitors, officials, guests:

Price on double accommodation and all-inclusive basis: accommodation, three meals, drinks (tea, cafe, juices, beer!) 31.50 EUR per day per person (competitors, officials, media, guests), 189 EUR for the whole event.

Single accommodation and all-inclusive basis: accommodation, three meals, drinks (tea, cafe, juices, beer!)

45 EUR per day per person (competitors, officials, media, guests), 270 EUR for whole event.

Total fee for competitors (including everything above):

- 369 EUR (double accommodation)

- 450 EUR (single accommodation)

Total fee for team officials, media etc. (including everything above):

- 234 EUR (double accommodation)
- 315 EUR (single accommodation)

FOR PREVIOUS COMPETITION - ARDF WORLD CUP 2016:

Starting fees (including transportation to the start and from the finish, maps):

9 EUR per competition, 36 EUR for the whole event.

Accommodation for competitors, officials, guests:

Price on double accommodation and all-inclusive basis: accommodation, three meals, drinks (tea, cafe, juices, beer!) 31.50 EUR per day per person (competitors, officials, media, guests), 157.50 EUR for the whole event.

Single accommodation and all-inclusive basis: accommodation, three meals, drinks (tea, cafe, juices, beer!) 45 EUR per day per person (competitors, officials, media, guests). 225 EUR for whole event.

Application Form:

All participating societies are kindly requested to fulfill attached Application Form and send it to the organizers together with the payment.

Payment details:

Bank: UNITED BULGARIAN BANK

IBAN: BG81UBBS80021413582613

BIC: UBBSBGSF

Beneficent: BULGARIAN FEDERATION OF RADIO AMATEURS

Weather:

The weather in this period of the year is stable, usually sunny, with daily temperatures (both air and water) 23–25 degrees C, in other words – ideal for vacation and swimming.

Visa requirement:

The citizens of the majority countries, expected to take part in the Championships, **do no need visa** to enter Bulgaria. Participants from few countries require visa to enter Bulgaria, please see:

http://www.mfa.bg/uploads/files/Consular/EN_ordinary%20passports.pdf

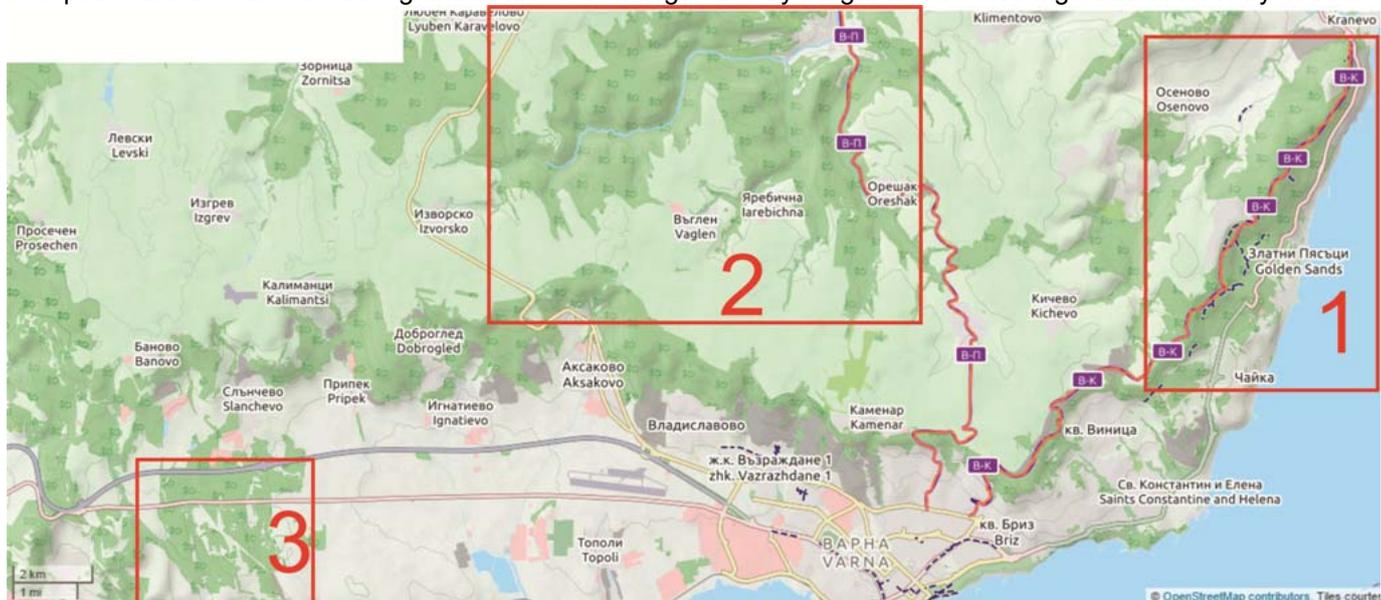
BFRA will assist them in obtaining **free of charge** entry visas. Please, contact the organizer.

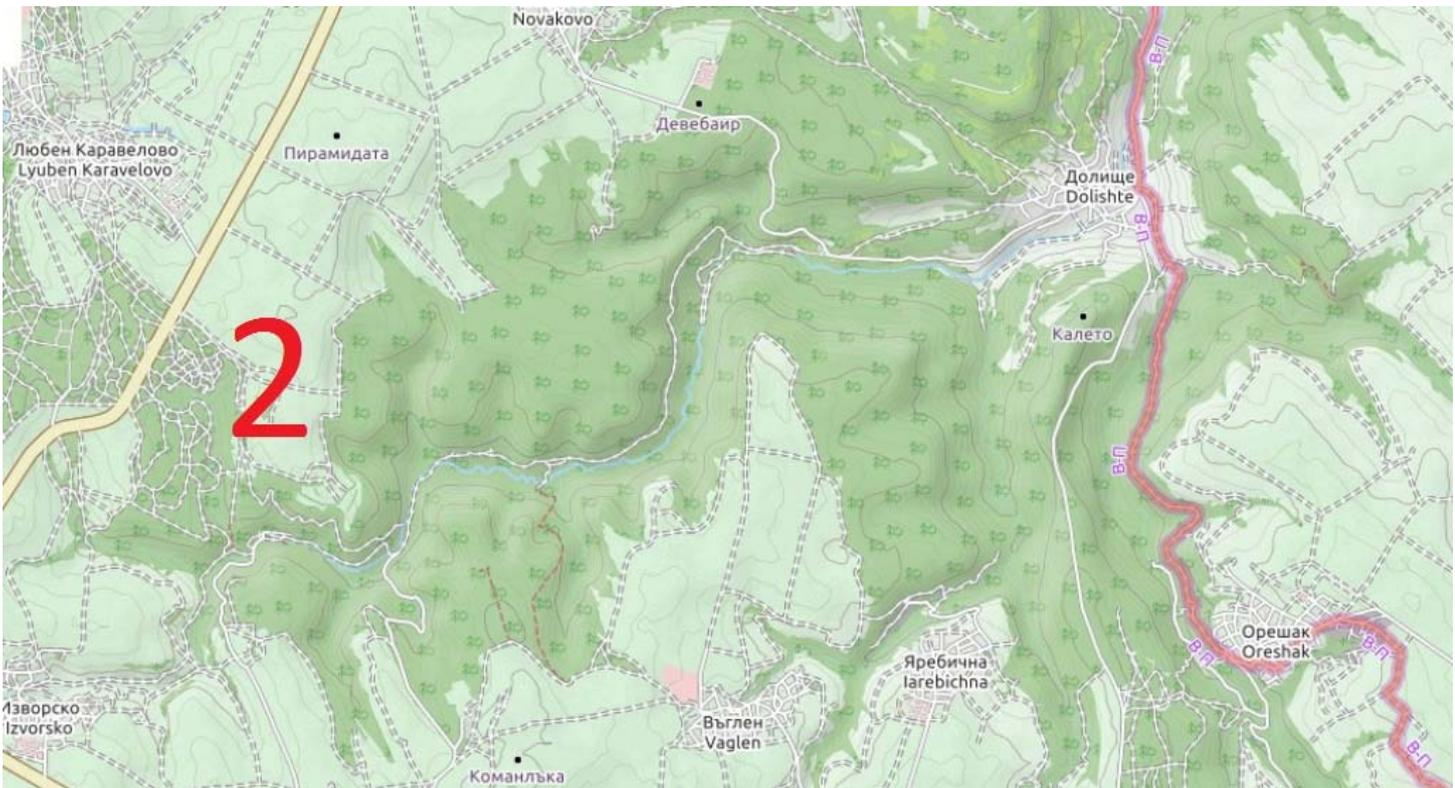
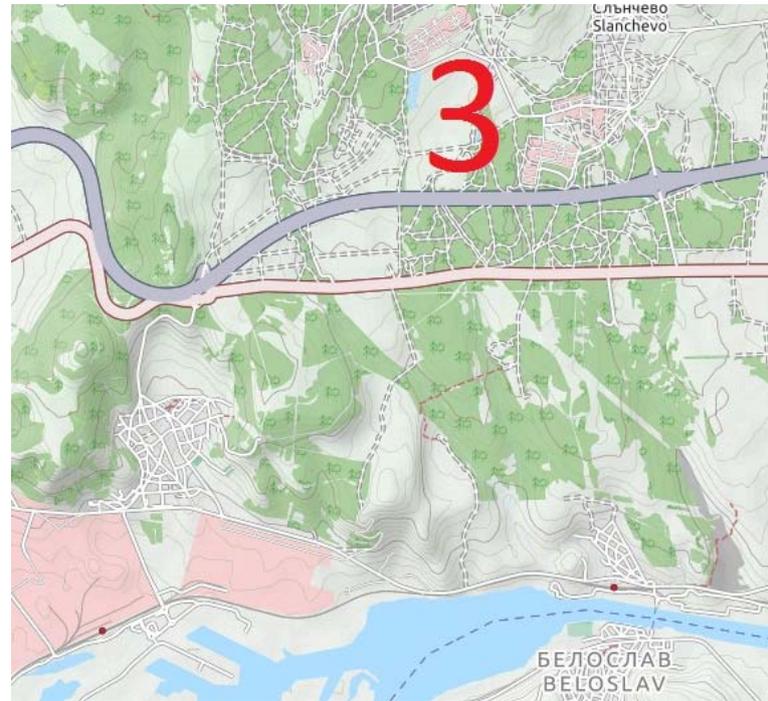
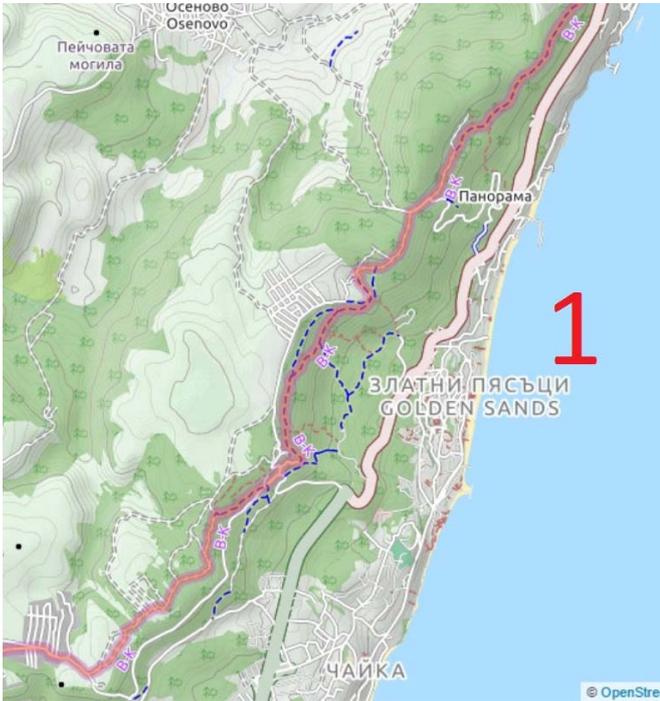
Maps:

The **maps** are IOF standard, reambulated in 2015/16.

Embargoed area:

From the moment Bulletin 1 is published, **it is forbidden** to visit any forested area in the maps below. The allowed exceptions are official orienteering and ARDF events organized by Bulgarian Orienteering Federation or by BFRA.





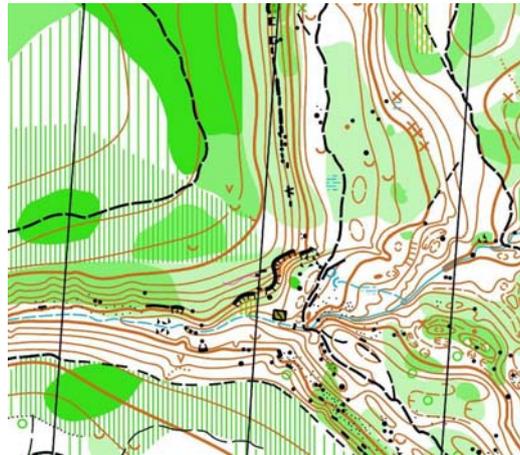
- (1.) Area for FOXORING for World Championships and World Cup.**
(2.) Area for Classic competition for World Championships and World Cup.
(3.) Area for SPRINT competition for World Championships and CLASSIC for World Cup.

Terrains:

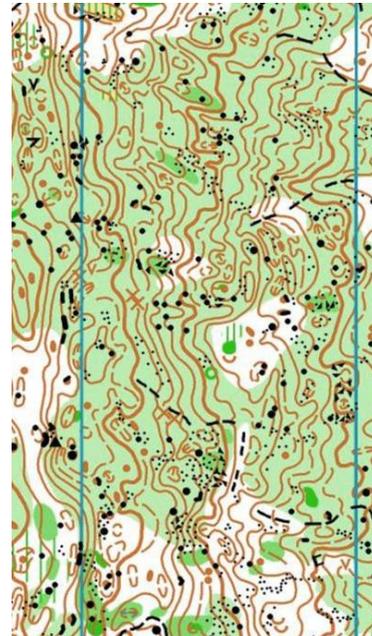
The terrains are located within 50-km range. The relief is mid-difficult, hilly and somewhere terraced and sliding. In some places there are deep ravines and shallow rivers. There are also places with thorn bushes, which requires competitors to be in appropriate clothing.

Photos of the areas of competition and samples of maps:

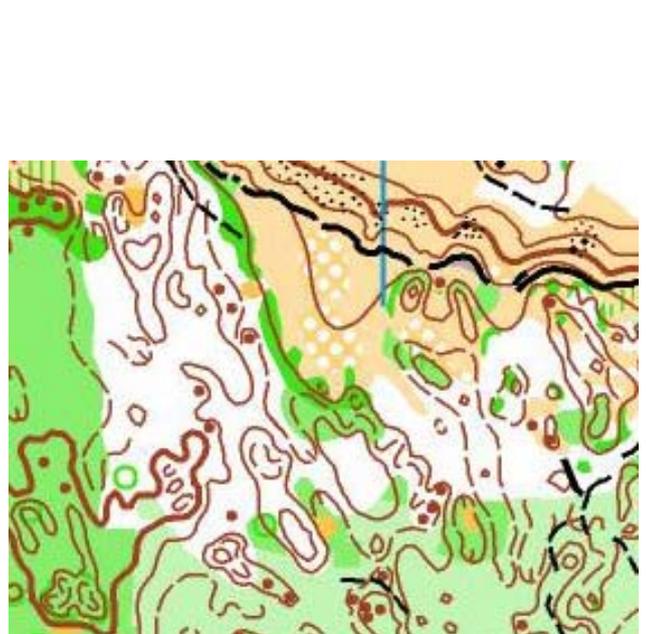
Classics:



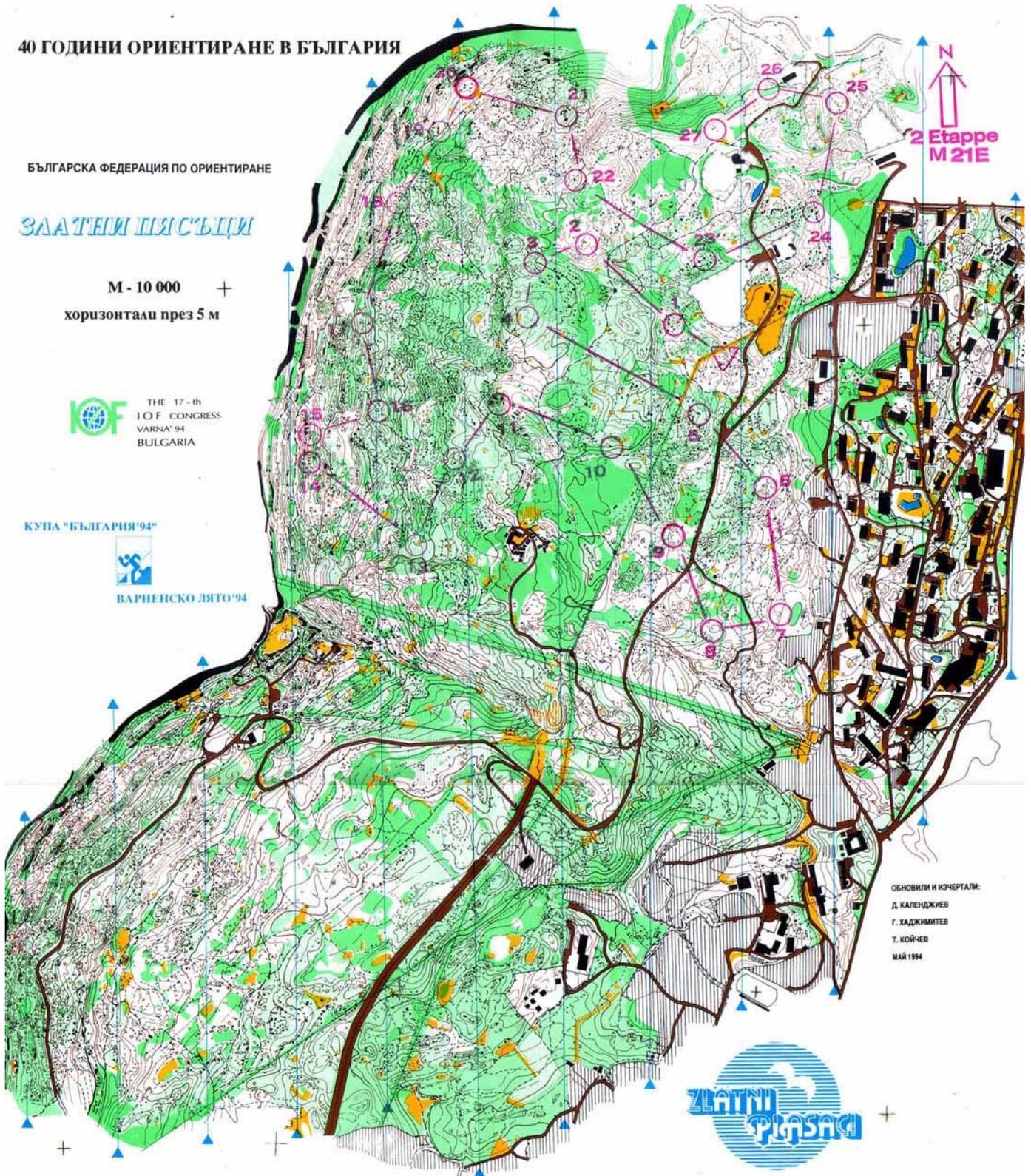
Foxoring:

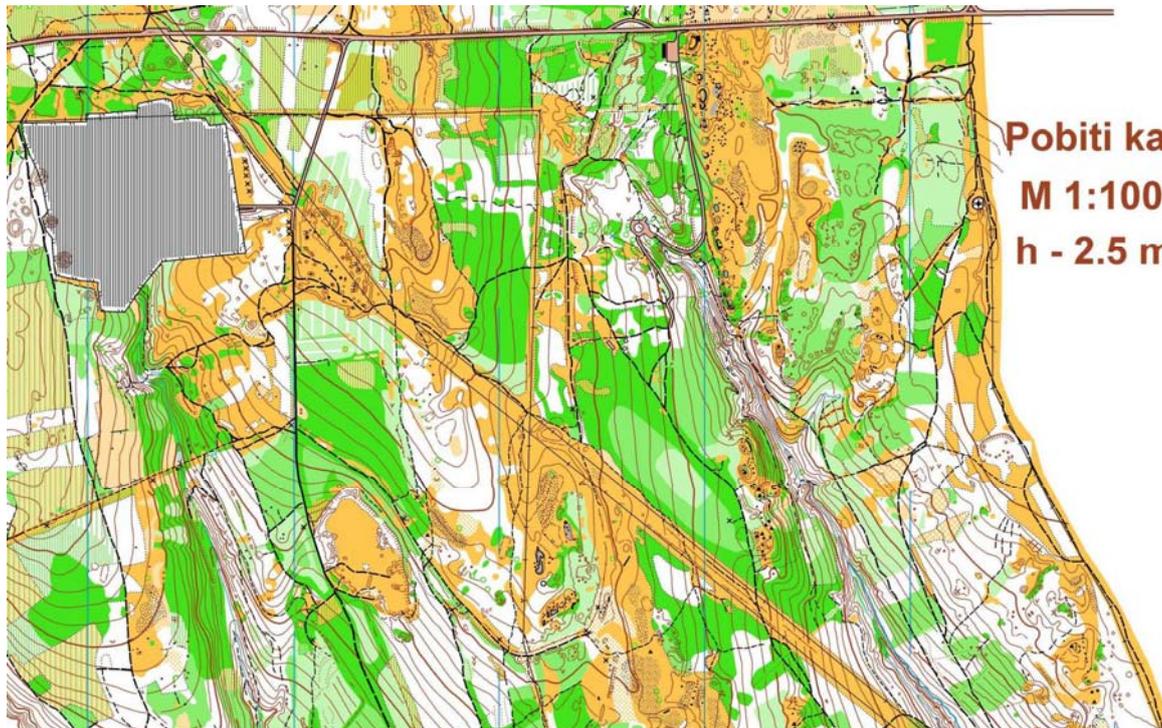


Sprint:

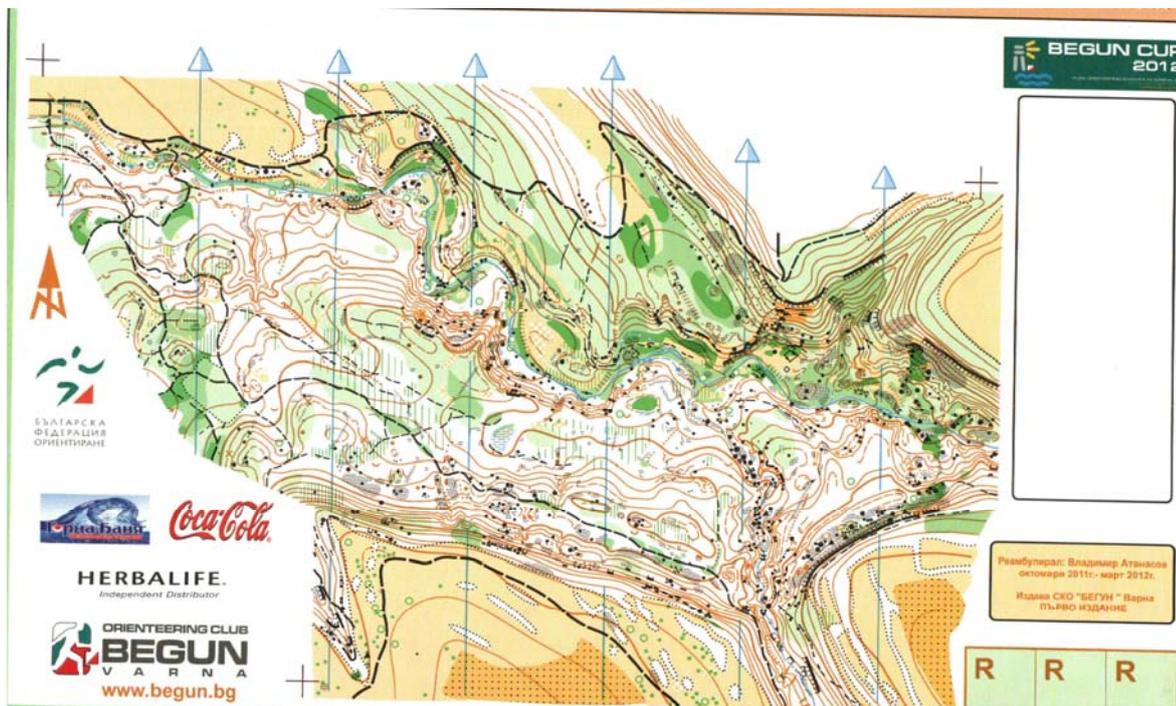


Recent orienteering maps of the competition areas:





Pobiti ka
M 1:1000
h - 2.5 m



Bulgarian Federation of Radio Amateurs
P.O. Box 830, BG-1000 Sofia, Bulgaria

1 April, 2016



**World ARDF
Championships**
Albena, Bulgaria, 2016

LETTER OF INTENT

We

(name of the society)

.....

(abbreviation)

hereby express our intention to participate in the 18th World ARDF Championships, September 03–09, 2016, Albena, Varna, Bulgaria.

1. The expected number of team members:

Competitors (according to the rules): persons.

Officials, Visitors, Media etc. (unlimited number): persons.

Total: persons.

2. Previously competition - ARDF WORD CUP 2016 (August 29 - September 03) :

We expect that persons will attend previously competition - ARDF WORLD CUP 2016 preceding the championship (August 29– September 03, 2016).

3. Team contact person

Name:

Phone:

E mail:

Please, send the letter of intent by e-mail to: lz3nn@abv.bg