



## 21st IARU Region 1 ARDF Championships

Lithuania

September 04-10, 2017

Bulletin No. 2 (updated 09-04-2017)

Lithuanian Amateur Radio Society (LRMD) has honor to invite all participants, officials and visitors to 21st IARU Region 1 ARDF Championships 2017 in Lithuania. All events will be held in surroundings of Druskininkai in various terrains. We believe that it will be demanding for ARDF athletes to demonstrate their skills to navigate in radio direction finding as excellent orienteer and at the same time to run fast.

We would like to invite all ARDF society to spend a week in excellent resort with excellent leisure possibilities: Snow Arena (skiing indoors in summertime), Aqua Park, Soviet sculpture exhibition and other museums.

### **Organizers:**

Lithuanian Amateur Radio Society (LRMD)

Executive club SK Radio-O.lt

### **Contacts:**

Remigijus Masilionis, LY1RM, phone +370 685 33144

e-mail: [ardf@lrmd.lt](mailto:ardf@lrmd.lt)

### **Venue and date of the event:**

Venue: Druskininkai, Spa Resort, south part of Lithuania.

<https://www.google.lt/maps/place/54%C2%B001'27.0%22N+24%C2%B000'45.6%22E/@54.0241764,24.0109916,433m/data=!3m2!1e3!4b1!4m5!3m4!1s0x0:0x0!8m2!3d54.024174!4d24.012678?hl=lt>

Date: September 04-10, 2017.

### **Event center:**

Event center is in **Medical SPA „Eglės” sanatorija** as well as main accommodation facility.

Eglės g. 1, LT-66251 Druskininkai

<http://druskininkai.sanatorija.lt/en/>

## **Transportation to the venue:**

Traveling by own vehicles: coordinates 54.024174, 24.012678.

Connection through Vilnius International Airport (125 km from event center) or Kaunas International Airport (135 km from event center) or the relevant railway stations in these towns. Transportation to the venue will be provided by organizers upon request. Such request shall be send to organizers by e-mail [ardf@lrmd.lt](mailto:ardf@lrmd.lt) in advance (together with entries), not later than three weeks before the event. The costs of transfers will be announced later (approximate one way price is 20 EUR, depends on request).

## **International Jury:**

PA Nordwaeger, SMOBGU (SSA, Sweden) – Chairman of the Jury

Ole Garpestad, LA2RR (NRRL, Norway)– Member/Referee

Lars Nordgren, SMOOY (SSA, Sweden) – Member/Referee

Igor Lazarev, USOVA (UARL, Ukraine) – Member/Referee

Roussko Roussev, LZ1RT (BFRA, Bulgaria) – Member/Referee

Miklós Venczel, HA0LZ (MRASz, Hungary) – Member/Referee

Ivan Todorovic, YU0U (SRS, Serbia) – Member/Referee

Michaela Mareckova, OK2MWN, (CRC, Czech Republic) – Member/Referee

Remigijus Masilionis, LY1RM, (LRMD, Lithuania) – Siting Referee

Egidijus Navickas, (LRMD, Lithuania) –Technical Director

Gytis Šumskas, (LRMD, Lithuania) – Secretary of the Jury

## **Assistants to siting referee:**

Aušra Barkevičienė (LRMD, Lithuania)

## **Programme:**

Date	Weekday	Sprint	Forerung	Classics 2m	Classics 80m	Other
04-09-2017	1	Model	Model			Arrival
05-09-2017	2		Competition			Awarding
06-09-2017	3	Competition		Model classics 80+2m		Awarding; Arrival for classics
07-09-2017	4			Competition	Competition	Awarding
08-09-2017	5					Leisure proposals by organizers
09-09-2017	6			Competition	Competition	Awarding; Banquet
10-09-2017	7					Departure

## **Categories:**

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

## **Awards:**

Medals and diplomas.

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

### **144 MHz CLASSIC**

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Equipment: CONTEST2012

RF power: 3 W PEP

Antenna: crossed dipoles 3m above ground level

TX intervals: TX 1...5 (codes MOE...MO5): 1 minute transmitting, 4 minutes space;

finish beacon (code MO): continuous operation

Transmitting interval ends with a 2- seconds dash.

Modulation: A2A, AM 80%, 1kHz modulation tone.

Frequency: TX 1...5 (codes MOE...MO5): 144,500 MHz keying speed: 50 PARIS

finish beacon (code MO): 144,850 MHz keying speed: 50 PARIS

### **3,5 MHz CLASSIC**

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Equipment: CONTEST2012

RF power: 3 W

Antenna: 8m vertical + 3x5m 3- radial counterpoise

TX intervals: TX 1...5 (codes MOE...MO5): 1 minute transmitting, 4 minutes space

finish beacon (code MO): continuous operation

Transmitting interval ends with a 2- seconds dash.

Modulation: A1A.

Frequency: TX 1...5 (codes MOE...MO5): 3,540 MHz keying speed: 50 PARIS

finish beacon (code MO): 3,600 MHz keying speed: 50 PARIS

### **3,5 MHz SPRINT EVENT**

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Equipment: CONTEST2012

RF power: 1 W

Antenna: 8m vertical + 3x5m 3- radial counterpoise

TX intervals: TX 1...5, 1F...5F (codes MOE...MO5): 12 seconds transmitting, 48 seconds space.

spectators control (code S): continuous operation

finish beacon (code MO): continuous operation

Transmitting interval ends with a 2- seconds dash.

Modulation: A1A

Frequency: TX 1...5 (codes MOE...MO5): 3,510 MHz keying speed: 50 PARIS

spectators control (code S): 3,540 MHz keying speed: 70 PARIS

TX 1F...5F (codes MOE...MO5): 3,570 MHz keying speed: 70 PARIS

finish beacon (code MO): 3,600 MHz keying speed: 50 PARIS

### **3,5 MHz FOXORING**

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Equipment: MICROFOX HF (field transmitters), CONTEST2012 (finish beacon)

RF power: TX 1...5,1F...5F (codes MOE...MO5): 10 mW

finish beacon (code MO): 1 W

TX intervals: All transmitters operate continuously.

Modulation: A1A

Antenna: TX 1...5,1F...5F (codes MOE...MO5): approx. 30cm vertical

finish beacon (code MO): 8m vertical + 3x5m 3- radial counterpoise

Frequency: TX 1...5 (codes MOE...MO5):	3,510 MHz	keying speed: 35 PARIS
TX 1A...5A (codes MOE...MO5):	3,540 MHz	keying speed: 50 PARIS
TX 1F...5F (codes MOE...MO5):	3,570 MHz	keying speed: 70 PARIS
finish beacon (code MO):	3,600 MHz	keying speed: 50 PARIS

**Note: there will be 15 field transmitters in total to provide wider variety of the courses. The number of transmitters assigned to particular categories remains as according to the Rules (maximum 10 for M20). Only transmitters assigned to particular categories will be marked on the maps.**

The RF field strength of transmitters 1...5, 1A...5A and 1F...5F is adjusted so that:

- the transmitter is clearly audible at its nominal position marked on the map AND at the distance of 30m from its real position
- the transmitter is NOT audible at the distance of 250m from its real position

### **Maps and equipment:**

The maps are IOF standard, revised in 2017. Size of the maps A4-A3, waterproof

#### Flags:

—3.5 MHz band, standard orange and white triangle,

—144 MHz band, standard orange and white triangle with a blue vertical stripe.

Marking device: SportIdent — SI card (version 5 and up) numbers will be collected in the entry form.

For those who do not have any in their possession, SI card will be provided.

### **Note on use of GPS devices:**

Similarly to the recent years: dedicated wrist GPS and GPS trackers attached to an arm, including sensors, are allowed as long as they are used to generate a history track, including any other data, for later reviewing after finishing the race. Even though the units might be able to display a path, the runner is not permitted to make use of that function during the race. Both still cameras and video cameras are allowed as long as they comply with the aforementioned rule. In simple words, the device should not possess any mapping and/or communication feature.

### **Note on thunderstorm:**

In a case of a severe thunderstorm, the Chairman of the Jury may recall the competition (27.5 of the Rules)—in such case, it will be announced to competitors by switching off all the transmitters with an exception of the beacon and Tx No. 1 (MOE, not necessarily the one placed in terrain) which both remain operating continuously. The competitors shall set for the finish immediately.

### **Training camp:**

Schedule –

Aug 31 arrival, Sept 01- classics (80m), Sept 02- foxoring and sprint, Sept 03- classics (2m).

Fees — accommodation 45 EUR per person per night (includes double-room basis accommodation, full board, pool and sauna), entry fee 10EUR per training event.

All training competitions will be organized as a self-service, i.e., transmitters will be operating in a certain time range (10.00 –13.00 foxoring, sprint 16.00-18.00, 10.00–15.00 for classics), every participant can start and finish by themselves , there will be an SI system installed. Maps will be provided at the starting point or given to team leaders beforehand.

## **Participants:**

Over 300 competitors accompanied by team officials and visitors from 21 countries expressed their intention to take part in the event. We still hope that the following list of countries is not the final one: Belarus, Belgium, Bulgaria, Croatia, Czech Republic, Denmark, Estonia, Finland, Germany, Great Britain, Hungary, Lithuania, Moldova, Netherlands, Norway, Russia, Slovenia, Sweden, Switzerland, Ukraine.

## **Fees:**

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: 60 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. The use of private cars or buses is allowed.

Accommodation in Medical SPA „Eglès” sanatorija for competitors, officials, guests:

*If payments are done up to June 30, 2017:*

Price on double- room accommodation (accommodation, full board, pool and sauna) 45 EUR per day per person (competitors, officials, media, guests), 270 EUR for the whole event.

Price on single-room accommodation (accommodation, full board, pool and sauna) 52 EUR per day per person (competitors, officials, media, guests), 310 EUR for the whole event.

Total fee for competitors (including everything above):

450 EUR (double accommodation);

490 EUR (single accommodation).

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

330 EUR (double accommodation);

370 EUR (single accommodation).

*If payments are done later than July 1, 2017:*

Price on double- room accommodation (accommodation, full board, pool and sauna) 50 EUR per day per person (competitors, officials, media, guests), 300 EUR for the whole event.

Price on single-room accommodation (accommodation, full board, pool and sauna) 57 EUR per day per person (competitors, officials, media, guests), 342 EUR for the whole event.

Total fee for competitors (including everything above):

480 EUR (double accommodation);

522 EUR (single accommodation).

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

360 EUR (double accommodation);

400 EUR (single accommodation).

Number of officials per team is not limited.

Other accommodation possibilities would be provided upon request by e-mail: [ardf@lrmd.lt](mailto:ardf@lrmd.lt).

There are other accommodation possibilities:

- Hotel accommodation (30-35 euro per person per day, without meals)
- Rural tourism places (20-25 euro per person per day, without meals)

Hamfest fee for visitors and those staying on their own: 20 EUR.

Separate Trip fee (e.g., for visitors or for those staying on their own, otherwise it is regularly included in accommodation and board costs) —20 EUR.

Training camp — accommodation 45 EUR per person per night (includes double-room basis accommodation, full board, pool and sauna), entry fee 10EUR per training event.

Unofficial competitors.

We accept unofficial competitors outside the IARU Region 1 only. The number is not limited, however, they must be at least 15 years old. They'll be started in 3–4 groups (regardless of categories) 20 minutes after the last official competitor group . Unofficial competitors pay regular entry fees.

Visitors pay no entry fee and may use either official accommodation and transportation or make their own arrangements.

### **Payment details:**

Wire transfer to the account:

Beneficiary:	SPORTO KLUBAS RADIO-O.LT
Ben. address:	PERGALÉS 9B-12, Elektrėnai, Lithuania
Bank:	„Swedbank“, AB
BIC (SWIFT):	HABALT22
IBAN:	LT94 7300 0101 0728 0461
Bank address:	Konstitucijos pr. 20A, 03502 Vilnius, Lithuania

Transfers shall be carried in EUR. It is your obligation to pay all the bank fees. Therefore, you should set the “code for transfer” to “OUR” in your transfer form.

### **Deadlines:**

Letters of Intent: The deadline is already over. However, we still welcome new participants. If you are interested to join us, please contact the organizer as soon as possible.

Entries: June 1, 2017 (with number of team officials and competitors per category, including specification of requested type of accommodation and trip). Entry forms will be available in the Download section at the event website

Registration (full names and details for competitors and team officials): before August 10, 2017, if possible, certainly not later than by August 16, 2017. Late registration cannot be accepted unless approved by the organizer and the International Jury. Registration forms will be available in the Download section at the event website

Fee payment:

Early payment June 30, 2017.

For late entries we cannot guarantee accommodation, thus please contact organizers regarding this.

Cancellation policy:

Before June 30, 2017, we return full amount minus bank charges.

Before July 31, 2017, we return entry fees minus bank charges.

## **Insurance and Medical Care:**

First aid facility will be available at the finish areas for all competitions. No cost to the participant applies for on-site minor treatment; however, the cost for ambulance transportation, emergency department visits, and clinic visits will be the participant's responsibility. Thus, we recommend you to purchase an insurance covering such expenses.

## **Visas**

Lithuania is a part of Schengen area. According to the current regulations, citizens of some countries must obtain a visa in order to enter Lithuania. For those who need visa, we will prepare invitation letters upon request by e-mail: [ardf@lrmd.lt](mailto:ardf@lrmd.lt). Please check the website of the Lithuanian Ministry of Foreign Affairs for more information: <http://keliauk.urm.lt/en/entry-to-lithuania/visas> .

## **Embargoed areas:**

From the time this bulletin is published, it is forbidden to train or move around in any forested area within the radius of 50km from the center of Druskininkai. The allowed exceptions are official orienteering and ARDF events organized by the Lithuanian Orienteering Federation or by the LRMD.

## **Description of Terrain characteristics, clothing, weather:**

Dominate middle landforms (including depressions), maximum slopes up to 30m. Mostly coniferous good runnable pine-tree forest. Some small parts are middle runnable spruce-tree and young forest. Middle density of roads and tracks.

Temperatures in first half of September are typically 15-20°C, rainy days should be expected in this time of the year.

There is no restriction on the type of footwear or clothing, however, covering elbows and knees is recommended. Ticks (([lot. Ixodidae](#))) are found in the event area.

## **Leisure**

### **Cultural program**

During the rest day there will be several cultural program possibilities available:

- Guided cruise along the Nemunas river to Liškiava. Liškiava is an old village situated on the right bank of the river Nemunas. There you can discover architectural monuments of state significance: a late Baroque church and former Dominican monastery, a rock with a "bull's footmark", also, a mound dating from the beginning of 15th century with ruins of a castle tower and a sacrificial hill. Duration of the trip ~ 3 hours.
- Excursion to soviet sculpture museum "Grūtas Park". In Grūtas Park, monumental sculptures are positioned in a 2 km-long exposition, where guard towers, fragments of concentration camps and other details resemble Siberia. Grūtas Park is situated on a 20 ha area, exhibiting 86 works by 46 authors. Such a large concentration of monuments and sculptures of ideological content in a single out-door exposition is a rare and maybe even unique phenomenon in the world.

Indoor downhill skiing. Information will be published later.

**Further information will appear at the event website. Check for news.**