

## 21st IARU Region 1 ARDF Championships

Lithuania

September 04-10, 2017

Bulletin No. 4 (02-09-2017)

### **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)

### **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/>

### **International Jury:**

PA Nordwaeger, SM0BGU (SSA, Sweden) – Chairman of the Jury

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

Lars Nordgren, SM0OY (SSA, Sweden) – Member/Referee

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

Igor Lazarev, US0VA (UARL, Ukraine) – Member/Referee

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

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

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

Thomas Latal, (CRC, Czech Republic) – Technical Director

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

### **Assistants to siting referee:**

Aušra Barkevičienė (LRMD, Lithuania)

### **Event office:**

Event office is open on day of arrival from 11:00 till 21:00.

Other days office is open 16:00-18:00.

## **Event Timetable:**

<b>Date</b>	<b>Time</b>	<b>Task</b>	<b>Place</b>
09-04	7:30 – 8:30	Breakfast	Medical Spa Eglè
		Arrival	Event office
	12:30 – 13:30	International Jury meeting	Meeting room
	13:30 – 14:30	Lunch	Medical Spa Eglè
	15:00 – 16:30	Model event (sprint and foxoring)	Medical Spa Eglè
	16:45 – 18:00	Team leaders meeting	Conference hall
	17:30 – 19:30	Dinner	Medical Spa Eglè
	19:30 – 20:30	Opening ceremony	Medical Spa Eglè, Hall
	20:30 – 21:30	Furshet for team leaders and VIP guests	Eglè+ caffee
	09-05	7:00 – 8:30	Breakfast
8:45 – 9:50		Transfer to foxoring event (according to schedule)	Druskininkai
10:00		Foxoring event, first start	
13:30 – 14:00		International Jury meeting	Foxoring finish area
13:30 – 15:00		Lunch	Medical Spa Eglè
15:00 – 17:00		ARDF WG Meeting	Conference hall
17:30 – 19:30		Dinner	Medical Spa Eglè
18:45 – 19:50		Team leaders meeting	Conference hall
20:00 – 20:45		Awarding ceremony	Medical Spa Eglè, Hall
09-06		7:30 – 8:30	Breakfast
	09:30	Transfer to sprint event	Druskininkai
	10:30	Sprint event, first start	
	12:00 – 12:30	International Jury meeting	Sprint finish area
	13:30 – 14:30	Lunch	Medical Spa Eglè
	15:00 – 17:00	Model event (classics 2m and 80m)	Medical Spa Eglè
	17:30 – 19:30	Dinner	Medical Spa Eglè
	18:45 – 19:50	Team leaders meeting	Conference hall
	20:00 – 20:45	Awarding ceremony	Medical Spa Eglè, Hall
	09-07	7:00 – 8:00	Breakfast
08:30		Transfer to classics event	Druskininkai surroundings
10:00		Classics (2/80m) event, first start	
13:30 – 16:30		Transfer from classics event	
16:00 – 16:30		International Jury meeting	Classics finish area
13:30 – 15:30		Lunch	Medical Spa Eglè
15:30 – 17:00		ARDF WG Meeting	Conference hall
17:30 – 19:30		Dinner	Medical Spa Eglè

	19:40 – 20:45	Awarding ceremony	Medical Spa Eglė, Hall
09-08	7:30 – 8:30	Breakfast	Medical Spa Eglė
	9:00-19:00	Leisure, excursions	Druskininkai and surroundings
	14:00 – 15:00	Lunch	Medical Spa Eglė
	15:00 – 17:00	ARDF WG Meeting	Conference hall
	17:30 – 19:30	Dinner	Medical Spa Eglė
	18:45 – 19:50	Team leaders meeting	Conference hall
09-09	7:00 – 8:00	Breakfast	Medical Spa Eglė
	08:30	Transfer to classics event	Druskininkai surroundings
	10:00	Classics (2/80m) event, first start	
	13:30 – 16:30	Transfer from classics event	
	16:00 – 16:30	International Jury meeting	Classics finish area
	13:30 – 15:30	Lunch	Medical Spa Eglė
	17:00 – 18:15	Awarding ceremony	Medical Spa Eglė, Hall
	18:30 – 19:20	Dinner	Medical Spa Eglė
	19:45 – ....	Hamfest	Eglė+ caffee
09-10	7:30 – 8:30	Breakfast	Medical Spa Eglė
	.... - 12:00	Check-out, departure	

## **Instructions for competitions**

Categories: W19, M19, W21, M21, W35, M40, W50, M50, W60, M60, and M70.

Bags will be transported from start to finish on all competition days.

Flags: standard orange and white triangle.

Punching and timing system: SportIdent Air+. For those who do not have SIAC card will be provided.

Number bibs: Competitors will get 2 pcs of number bibs. It is the same for each competition day. Competitors shall wear bibs on the chest and the back.

Starting groups: deadline for the team to indicate starting groups for each competitor and all competition days is 15:00 at arrival day. There are 3 starting groups – early, middle and late. In the registration form you can mark this with numbers 1 (early), 2 (middle) and 3 (late). After deadline if the information is not provided the competitors will be put into the starting groups according to their order on the registration form.

## **FOXORING**

### **September 05, 2017 Foxoring**

7:00 – 8:30	Breakfast	Medical Spa Eglè
8:45 – 9:50	Leaving to foxoring event (according to schedule)	From Medical Spa Eglè
10:00	Foxoring event, first start	
13:30 – 14:00	International Jury meeting	Foxoring finish area
13:30 – 15:00	Lunch	Medical Spa Eglè
15:00 – 17:00	ARDF WG Meeting	Conference hall, Eglè1
17:30 – 19:30	Dinner	Medical Spa Eglè
18:45 – 19:50	Team leaders meeting	Conference hall, Eglè1
20:00 – 20:45	Awarding ceremony	Medical Spa Eglè, Cinema and concert hall

### **Bus schedule to the start**

Participants will be transported to start place according to 2017.09.04 announced schedule which depends on start protocols.

### **Equipment for 3,5 MHz foxoring**

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, ,1A...5A, 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
	TX 1A...5A (codes MOE...MO5):	3,540 MHz
	TX 1F...5F (codes MOE...MO5):	3,570 MHz
	finish beacon (code MO):	3,600 MHz
		keying speed: 35 PARIS
		keying speed: 50 PARIS
		keying speed: 70 PARIS
		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). Only transmitters assigned to particular categories will be marked on the maps.

**Map:** 1:10 000, size A3, contour interval 2.5 m, IOF standards, 2017. Waterproof. Coordinates for finish arena are 54.015003, 23.967612

**Time limit** is 120 min.

**Quarantine zone** will be indoors, spiked shoes are forbidden!

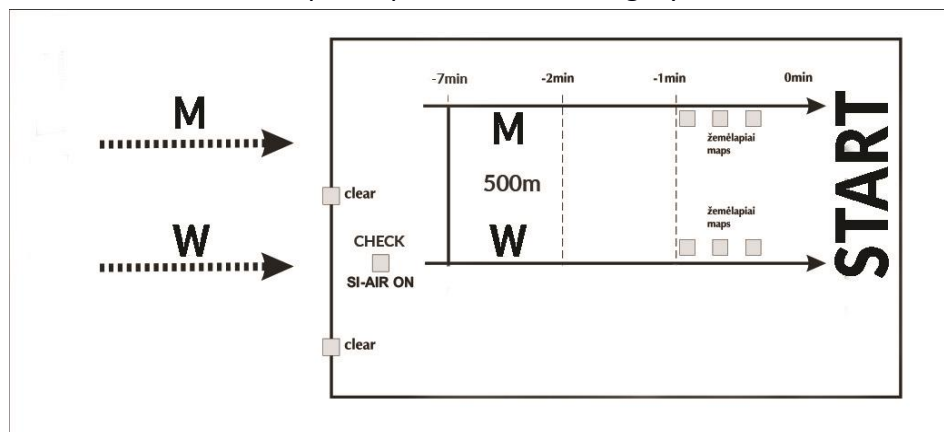
**Courses for categories:**

Group	Length	KP	1	2	3	4	5	1A	2A	3A	4A	5A	1F	2F	3F	4F	5F	B
W19	7,6	10		x	x		x	x	x			x	x	x			x	x
W21	8,8	11				x	x	x	x	x		x	x	x	x		x	x
W35	7,3	10		x	x			x	x	x	x	x		x			x	x
W50	6,5	9		x			x		x	x			x	x		x	x	x
W60	5,5	9		x	x		x			x	x	x		x			x	x
M19	9,1	11	x					x	x	x	x	x	x	x	x		x	x
M21	9,6	11	x	x	x	x	x	x				x	x		x	x		x
M40	8,9	11	x	x	x		x	x				x	x	x	x	x		x
M50	7,4	10			x	x	x	x	x	x	x			x		x		x
M60	6,7	10		x	x		x		x	x	x	x	x			x		x
M70	5,5	8			x		x			x	x	x	x	x				x

Finish corridor is approximately 100m length.

**Starting procedure:**

Start interval between participants in each category is 3 min.



Participant shall take map only at start moment. Starting corridor leads to orienteering starting point, which is overprinted on the map by ISOM2000 701 (triangle).

**Bus schedule from the finish**

Participants will be transported from the finish area to the Medical Spa Eglė 12:30 – 14:30. (approximately 12:30, 13:10, 13:50, 14:30). Bus stop is at M.K.Čiurlionio g. 30, Druskininkai (350 m walk):

<https://www.google.lt/maps/dir/54.0151798,23.9677687/54.0172819,23.971782/@54.0155967,23.9694465,612m/data=!3m1!1e3?hl=lt>

## SPRINT

### September 06, 2017 Sprint

7:30 – 8:30	Breakfast	Medical Spa Eglé
9:30	Transfer to sprint event	Druskininkai
10:30	Sprint event, first start	
13:00 – 13:30	International Jury meeting	Sprint finish area
13:30 – 14:30	Lunch	Medical Spa Eglé
15:00 – 17:00	Model event (classics 2m and 80m)	Medical Spa Eglé
17:30 – 19:30	Dinner	Medical Spa Eglé
18:45 – 19:50	Team leaders meeting	Conference hall
20:00 – 20:45	Awarding ceremony	Medical Spa Eglé, Hall

### Equipment for sprint event:

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

**Map:** 1:5 000, size A4, contour interval 2.5 m, IOF standards, 2017, waterproof. Coordinates for finish arena are 54.019501, 24.011474

**Time limit** is 60 min.

**NOTE!** Due to requirements of local owners there will be forbidden usage of shoes with spikes, metal/rubber studs or any other aggressive outsole. Only normal running shoes with non-aggressive outsole will be allowed. Control of the shoes will be at the start procedure.

**Quarantine zone:** Participants should enter before 9:40. The receivers, including spare ones, will be handed over just after reaching the start area. It will be organized separately country by country. Spare receivers (clearly indicating the team) will be collected and placed at the starting line. Shelters for participants will be provided. Warm-up area, WC is inside quarantine zone.

### Starting procedure:

Start interval between participants in each category is 3 min.

2 min. before his start participant enters starting zone and gets his receiver. 1 min before start he goes to start line. Participant shall take map only at start moment. Starting corridor leads to orienteering starting point, which is overprinted on the map by ISOM2000 701 (triangle).

### Courses for categories:

Group	KP	1	2	3	4	5	S	1F	2F	3F	4F	5F	B
W19	10	x	x		x	x	x	x	x	x		x	x
W21	11	x	x	x	x	x	x	x	x	x		x	x
W35	10	x	x	x		x	x		x	x	x	x	x
W50	9		x	x		x	x	x	x		x	x	x
W60	9	x		x		x	x	x	x	x	x		x
M19	11		x	x	x	x	x	x	x	x	x	x	x
M21	12	x	x	x	x	x	x	x	x	x	x	x	x
M40	11	x	x	x	x	x	x	x	x	x	x		x
M50	10		x	x	x	x	x	x	x		x	x	x
M60	10	x	x	x		x	x	x	x	x	x		x
M70	9	x		x	x		x	x	x	x	x		x

Finish corridor is approximately 100m length.

### CLASSICS day 1

September 07, 2017

7:00 – 8:00	Breakfast	Medical Spa Eglé
08:30	Transfer to classics event	Druskininkai surroundings
10:00	Classics (2/80m) event, first start	
13:30 – 16:30	Transfer from classics event	
16:00 – 16:30	International Jury meeting	Classics finish area
13:30 – 15:30	Lunch	Medical Spa Eglé
15:30 – 17:00	ARDF WG Meeting	Conference hall
17:30 – 19:30	Dinner	Medical Spa Eglé
19:40 – 20:45	Awarding ceremony	Medical Spa Eglé, Hall

#### Bus schedule to the start

Participants will leave to start area at 08:30. Please follow directions walking to starting area (500m). Guests and officials could go to the finish area by bus at 10:10. Distance from bus stop to finish arena is 1,3 km walking.

#### Equipment 144 MHz Classics

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

### Equipment for 3,5 MHz Classics

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

**Map:** 1:15 000, size A4+ (33x26cm), contour interval 2.5 m, IOF standards, 2017. No plastic bags  
Coordinates for finish arena are 53.997367, 24.102969

**Time limit** is 140 min.

**Quarantine zone:** Shelters for participants will be provided. Warm-up area, WC is inside quarantine zone. The receivers, including spare ones, will be handed over just after reaching the start area. It will be organized separately country by country. Spare receivers (clearly indicating the team) will be collected and placed at the starting line.

#### Courses for categories:

Group	Corridor	2/80m	KP	1	2	3	4	5	B
W19	a	80	5	x		x	x	x	x
W21	b	80	5	x	x		x	x	x
W35	b	2	5		x	x	x	x	x
W50	a	2	5	x	x	x		x	x
W60	a	2	4	x	x	x			x
M19	a	80	5	x	x	x		x	x
M21	b	80	6	x	x	x	x	x	x
M40	b	80	5		x	x	x	x	x
M50	a	2	6	x	x	x	x	x	x
M60	b	2	5	x	x	x	x		x
M70	a	2	4		x	x		x	x

Finish corridor is approximately 140m length.

#### Starting procedure:

15 min to start competitors are called;

10 min to start they get maps for preparation;

5 min to start- getting receivers and moving to start line;

0 min- starting signal is given, competitors may switch on their receivers

#### Bus schedule from the finish

Participants will be transported from the finish area to the Medical Spa Eglė 13:30 – 16:00. (approximately 13:30, 14:30, 15:15, 16:00). Bus stop is at Latežeris (1,3km walk). Bus stop coordinates: 53.988290, 24.099756



## CLASSICS day 2

September 09, 2017

7:00 – 8:00	Breakfast	Medical Spa Eglė
08:30	Transfer to classics event	Druskininkai surroundings
10:00	Classics (2/80m) event, first start	
13:30 – 16:30	Transfer from classics event	
16:00 – 16:30	International Jury meeting	Classics finish area
13:30 – 15:30	Lunch	Medical Spa Eglė
17:00 – 18:15	Awarding ceremony	Medical Spa Eglė, Hall
18:30 – 19:20	Dinner	Medical Spa Eglė
19:45 – ....	Hamfest	Eglė+ coffee

### Bus schedule to the start

Participants will leave to start area at 08:30. Please follow directions walking to starting area (1000m). Guests and officials could go to the finish area by bus at 10:10.

### Equipment for both Classics

Information the same as Classics day1.

**Map:** 1:15 000, size A4+ (31x22cm), contour interval 2.5 m, IOF standards, 2017. No plastic bags  
Coordinates for finish arena are 54.059124, 24.055874

**Time limit** is 140 min.

**Quarantine zone:** Shelters for participants will be provided. Warm-up area, WC is inside quarantine zone. The receivers, including spare ones, will be handed over just after reaching the start area. It will be organized separately country by country. Spare receivers (clearly indicating the team) will be collected and placed at the starting line.

### Courses for categories:

Group	Corridor	2/80m	KP	1	2	3	4	5	B
W19	a	2	5	x		x	x	x	x
M19	c	2	5		x	x	x	x	x
W35	a	80	5	x	x	x		x	x
W50	b	80	5	x	x	x	x		x
W60	c	80	4	x	x	x			x
W21	b	2	5	x	x		x	x	x
M21	a	2	6	x	x	x	x	x	x
M40	c	2	5	x	x	x		x	x
M50	a	80	6	x	x	x	x	x	x
M60	b	80	5		x	x	x	x	x
M70	b	80	4		x	x		x	x

Finish corridor is approximately 250m length.

**Starting procedure:**

Information the same as Classics day1.

**Bus schedule from the finish**

Participants will be transported from the finish area to the Medical Spa Eglė 13:30 – 16:00. (approximately 13:30, 14:30, 15:15, 16:00). Bus stop is near by finish.

**FREE DAY****September 08, 2017**

On free day we offer to have excursion to Liskiava Monastery Ensemble by steamboat and buses. Trip by steamboat will be either forwards or backwards. Because of limited facilities on the boat trip and all participants will be divided to the morning and noon groups. Latest at Wednesday's team leaders meeting teams are kindly asked to give a number of people going to the excursion.

*Liškiava is a village established in the 15th century on the top of Liškiava mound. There are remains of the castle, mythological places and sacral ensemble of the 17th century.*

We also offer to visit Druskininkai Aquapark. Information is enclosed in participant's package.

**OTHER INFORMATION****Description of Terrain characteristics, clothing, weather, other information:**

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 (excluding sprint event of the Championship). However, covering elbows and knees is recommended. Ticks ([lot. Ixodidae](#)) are found in the event area.

There will be organizers in the competition area during race watching the controls and competitors following the given rules.

**Ban on most telecommunication equipment:**

Please be reminded that most of the telecommunication equipment is forbidden in the competitions and start areas, including (but not limited to) mobile phones, wireless headphones, WiFi-enabled cameras, advanced smartwatches.

**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.

### **Team leader meetings:**

At evening before each competition race, organizer will run Team Leaders Meeting. Main aim of Team Leaders Meeting is to provide detailed information for upcoming competition race and answer any questions related to particular race from team leaders side. Organizer strongly suggest attendance of at least one representative from each national team (maximal 2 representatives are allowed). Times and places of Team Leader Meetings are available in the Event Timetable.

### **Jury meetings:**

Jury will meet on the first day and Medical Spa Eglė meeting room and right after each competition in finish area, see schedule. Instructions for the following competition will be discussed at the meeting in the finish area of the at the time concluded competition.

### **ARDF R1 working group meetings:**

ARDF WG meetings are planned on Tuesday, Thursday and Friday afternoons, see schedule. They will take place at the event center in Medical Spa Eglė Conference Hall.

### **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.

### **Leisure:**

#### **Cultural program**

During the rest day there will be cultural program 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.

Also you could visit to soviet sculpture museum "Grūtas Park", take indoor downhill skiing at Snow Arena or go to Druskininkai Aquapark. 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.



# 21st IARU Region 1 ARDF Championship

4-10 September 2017 Druskininkai, Lithuania
