



**1982
2021**

14-18.07

**International
Orienteering
Competition**

Żelazko

TECHNICAL BULLETIN
www.wawelcup.pl

MODEL EVENT

map upgrade:
Włodzimierz Dyzio
course planner:
Włodzimierz Dyzio



Model Event – day I
12.07.2021
2 pm – 6 pm

Model Event – day II
13.07.2021
2 pm – 6 pm

	km	PK	km	PK
LONG	4,0	11	4	13
SHORT	2,95	8	3	10
CHILD	2	5	1,5	6

S1 – The terrain is mainly with a good runnability. There appear some mild elevation gains, distinct vegetation boundaries, glades, and a well developed road network.

S2 – In the forest appears every type of rock formation. The runnability is vired, sometimes impeded, mild elevation gains, and well developed road network.

- Maps are available at the training center.
- Map print the same as during competitions.
- SI units are on controls.
- Start from SI Unit in any minute (in Model Event hours).
- Model Event results will be available in the evening on our website.
- Control descriptions printed only on maps.
- Road from the Wawel Cup Town
(Model Event day 1- 1,3km, Model Event day 2 – 1 km)

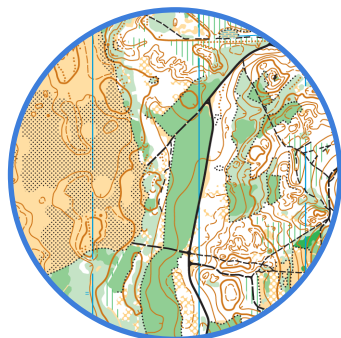


Competition Center I STAGE

STAGE 1

14.07.2021
start from 3 pm

mappers:
Włodzimierz Dyzio,
Jacek Morawski
course planner:
Marcin Biederman



The terrain's runnability is completely varied, from the lack of vegetation to dense forest. The half of the area is the Błędownska Desert - the territory of the desert is flat with more distinct terrain features. In the forest part of the race, the area has more evident distinct terrain features. On the west side of the forest there are distinct glades and thickets.

MASS START:

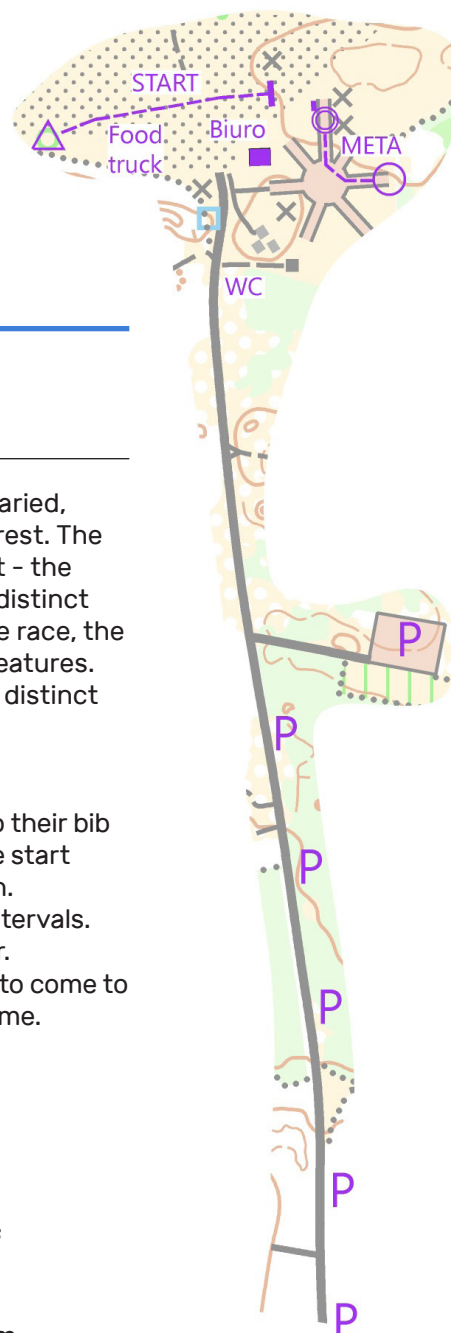
- Mass start runners line up according to their bib numbers. Runners take their maps in the start area. Runners start on the speaker's sign.
- Other categories with 2 minute start intervals.
- Start located in the competition center.
- We kindly ask runners starting at 3 pm to come to the start zone 10 minutes before start time.

Start hours:

- 3 pm - M21E, M20, W21E, W20, W21A
- 3.10 pm - M18, W18, M16, W16
- 3.20 pm - M45, M35, M50, W35, W50
- 3.30 pm - M21A, M40, W40, W45
- 3.45 pm - interval start for the rest of categories (2 minutes)

OPEN, WM10R - any start time from 4 pm.

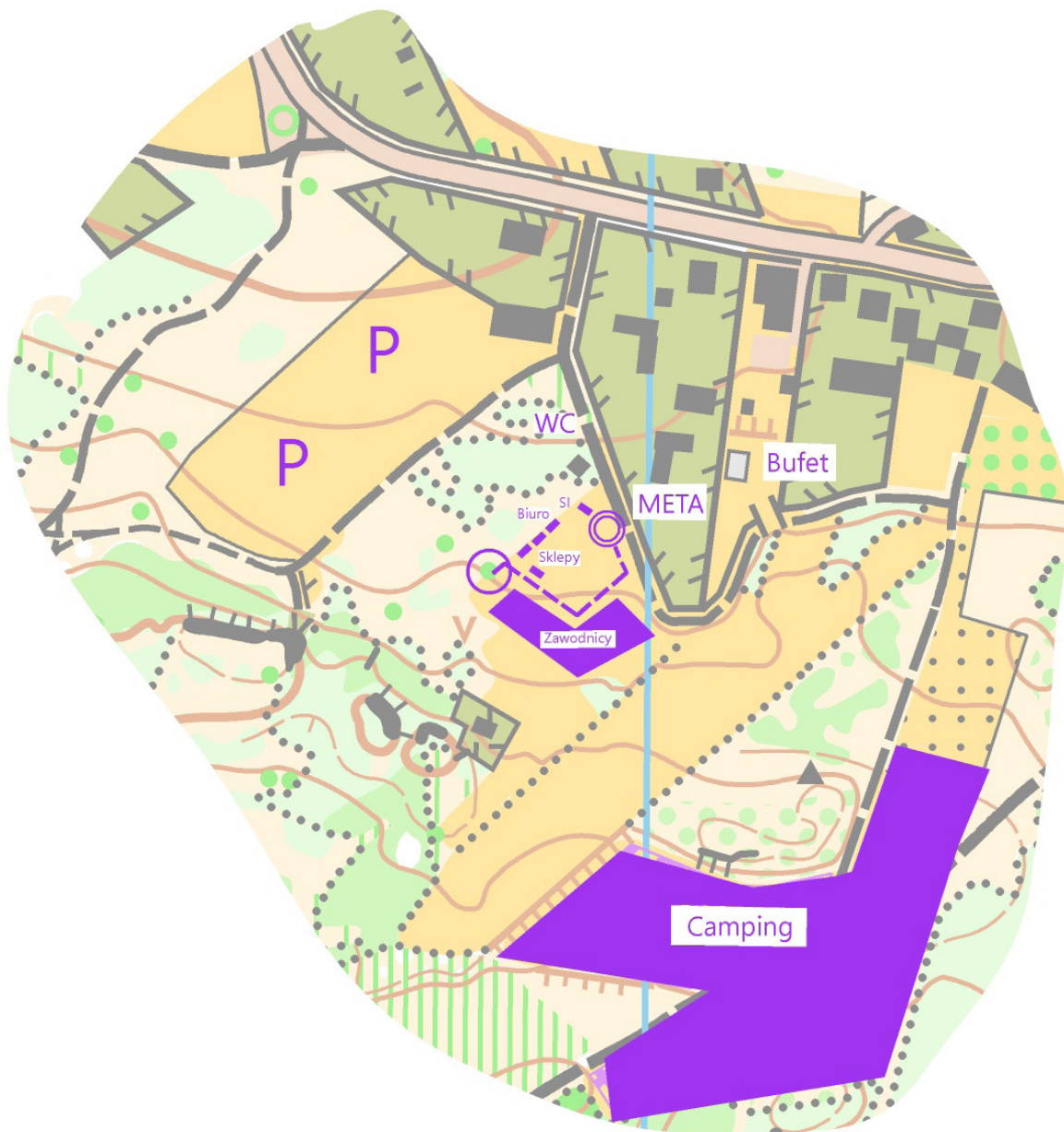
Start minute „0” is counting from 3 pm.



TECHNICAL ISSUES

- Contour Interval - 2,5 m.
- Categories with mass start have control descriptions printed only on maps (no loose control descriptions).
- Categories with interval start have control descriptions printed on maps and separate control descriptions available in the start corridor.
- Distance from the start line to the start point: 130m.
- In the mass start categories we apply fork system. Each competitor runs his own course.
- One refreshment point is situated at 50-80% of course length.
- Due to sandy terrain in the competition center team tents are not recommended.
- Time limit - 150 minutes.

Competition Center STAGE 2-5



STAGE 2

15.07.2021
start from 10 am

mappers:
Jacek Morawski,
Wojciech Dwojak
course planner:
Marek Słoński



In the forest there are a lot of types of rock formations - rocks, cliffs, rock pillars. The runnability is from really good to impeded by dense vegetation. Visibility sometimes is also impeded by dense vegetation. There are some open land and varied terrain features!

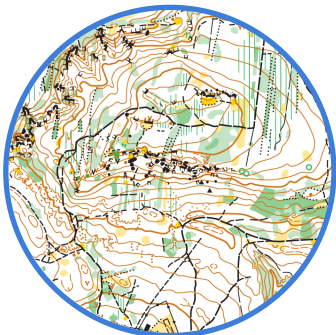
TECHNICAL ISSUES

- Contour Interval - 5 m.
- Interval start - 3 minutes
- When approaching the start area and leaving the finish area, competitors will cross a busy road. The crossing will be secured by a volunteer. Please, be careful when crossing the road.
- Toilets available in the competition center. One toilet is situated on the way to the start area.
- Refreshment points are situated within courses and marked accordingly on the map.
- Road to starting point - 50 m.
- Distance from the finish to competition center/and from competition center to start: 1,6km
- Once back in the competition centre, read out your SI card (until 4 pm).
- Time limit - 180 minutes

STAGE 3

16.07.2021
start from 9.00 am

map upgrade:
Włodzimierz Dyzio
course planner:
Włodzimierz Dyzio



Świniuszka is a hill that is covered by a lot of rock formations, even caves. The bigger part of the race will be in the area full of rock formations and with a good runnability. There appear mild elevation gains. The final part of the race will be full of open lands

TECHNICAL ISSUES

- Contour Interval - 5 m
- Road to start - 1,3 km.
- Interval start - 3 minutes.
- Road to starting point - 50 m.
- Toilets available only in the competition center.
- Time limit - 120 minutes.

Hit the Pit

16.07.2021

map update:

Włodzimirz Dyzio

course planner:

Marcin Biederman

The terrain of our competition is unique on a global scale! On the area of 0.33 square mile there are 791 of pits and small depresiones! Almost every pit is 7 meters deep. The road network is badly developed.

	PRE.		FINAL	
	LENGTH	CONTROLS	LENGTH	CONTROLS
M Youth	1,7	13	2,2	21
W Youth	1,5	9	1,9	18
M Elite	2,2	18	2,7	30
W Elite	1,9	14	2,3	25
M Masters	1,8	13	2,2	23
W Masters	1,7	15	2	21
M Super Masters	1,5	10	2	22
W Super Masters	1,4	15	1,9	18

PRELIMINARY

- Preliminary start – 4 pm.
- Road to start – 1 km.
- Road to starting point - 90 m.
- Interval – 1 minute.
- Time limit – 45 minutes.

FINAL

- Start from Competition Center.
- Road to starting point - 100 m.

6 pm chasing start for final A (handicap start)

6 pm – W Elite, M Elite, W Youth, M Youth, W Masters, M Masters, W Super Masters, M Super Masters (start from the line)

Competitors from 2nd–6th positions will have handicap start from the start corridor (just like during AGH Indoor Orienteering)

The first runner across the finish line is the winner.

6.45 pm – final B start for the rest competitors, the same courses, interval – 1 minute.

Time limit – 60 minutes.

- Scale - 1:4 000
- Contour Interval - 2,5 m
- Control descriptions only on the map.
- In the finals at 90% of the course length a spectator control (which is also the last control) is situated. Spectators are encouraged to come and cheer on the athletes.



STAGE 4

17.07.2021

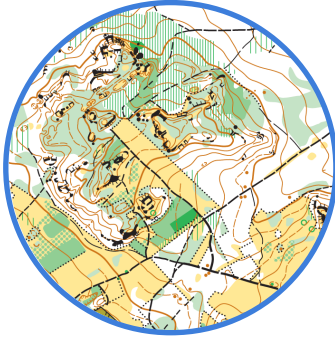
start from 10 am

map upgrade:

Włodzimierz Dyzio

course planner:

Włodzimierz Dyzio



The competitions are taking place on the four hills. Every single one hill will be full of... rock formations! Some of them will be placed on open lands, others will be covered by vegetation. The runnability is from very good to impeded by dense vegetation.

TECHNICAL ISSUES

- Contour Interval - 5 m.
- Road to start - 1,2 km.
- Interval start - 3 minutes.
- Toilets available only in the competition center
- Road to starting point - 60 m.
- At 90-95% of the course length athletes will cross a main road in Żelazko. The crossing is secured by the organiser. Be careful when crossing the road.
- Time limit - 150 minutes.

STAGE 5

18.07.2021

start from 10 am

mapper:

Włodzimierz Dyzio

course planner:

Włodzimierz Dyzio



The forest is mainly with a good runnability. There are some mild elevation gains. The road network is well developed. The final part of the race is taking place on open lands. The terrain of 5th etap is letting the competitors reach a higher speed.

TECHNICAL ISSUES

- Contour Interval - 5 m.
- Road to start - 800 m.
- Handicap start - competitors with loss less than 1 hour.
- For categories W21E and M21E V stage will be held in upside-down handicap form.
- Road to starting point - 0 m.
- In handicap chasing, punching the finish unit will be decisive.
- Toilets available only in the competition center.
- Time limit - 150 minutes.

Trail Orienteering

17.07.2021
start from 3 pm

mapper:
Jan Zdanowicz
course planner:
Jan Zdanowicz

Additional Trail Orienteering competition will take place after finishing Wawel Cup stage 4.

- Scale - 1:4 000
- Contour Interval - 5 m
- Start area will be located in Leśna Street.
- The road to start from the competition center will be marked.
- Course will be available between 3 pm and 6.30 pm.
- Last competitors will be admitted at 5 pm.
- Time limit for the PARA category is 85 minutes.
- Time limit for the OPEN category is 75 minutes.
- No starting order is determined.

COURSE LENGTH - 1,3km, 15 controls

After finishing PreO course, athletes move on to the TempO competition. Each competitor will get a map and a pin to mark answers on the map.

- No decision points.
- Answers A-Z.
- Competitors leave maps in the TempO area.
- Maps will be handed out in the competition centre once the competition is over and results have been counted.
- There is no entry fee. We recommend a free donation for the Foundation "Na ratunek".

Below you will find some important information for Trail Orienteering newcomers:

1. Competitors can move only on paths or road. Please, stay on the paths. Maps will include out-of-bounds areas.
2. Orienteering flags are counted from the left side.

www.orientacjaprecyzyjna.pl

GENERAL INFORMATION

- Maps are printed on waterproof paper, map foils will be available at the start for those who want them.
- Courses WM10N and WM10R will be marked with "smiling and frowning faces".
- Road to start marked during all stages: blue stripes.
- Road to start during all the stages will be marked from the table in competition center
- During all stages athletes from WM10R, OPEN Long, OPEN Short will start from SI Unit in any minute.
- Apart from Stage 1, the terrain shows a large number of dangerous spots: cliffs, crevices and high rock walls. Keep calm and pay attention when running.
- Water available on the start and in the competition center.
- The organizer provides medical care during the event.

COURSE PARAMETERS

CATEGORY	STAGE 01		STAGE 02			STAGE 03			STAGE 04			STAGE 05			
	LENGTH	CONTROLS	LENGTH	CLIMB	CONTROLS	LENGTH	CLIMB	CONTROLS	LENGTH	CLIMB	CONTROLS	LENGTH	CLIMB	CONTROLS	
W10N, M10N	1,8	5	1,4	40	4	1,8	50	6	1,9	45	7	1,7	35	5	
WM10R	1,8	5	1,4	40	4	1,8	50	6	1,9	45	7	1,7	35	5	
W10, M10	1,8	6	1,8	50	6	2,2	50	8	1,9	45	6	2,5	45	6	
WM12-14B	2,1	6	2,2	60	7	2,1	50	6	2,2	75	8	2,6	65	6	
W12, M12	2,0	7	2,4	80	8	2,3	70	8	2,2	75	7	2,6	80	8	
M14	3,9	18	3,6	160	10	3,4	135	11	3,8	130	11	3,5	130	10	
W14	3,5	14	3,5	120	8	3,3	150	12	3,5	125	10	3,7	140	9	
M16, W40	mass start	5,0	23	4,9	200	12	3,6	210	15	4,4	200	13	4,4	140	11
W16, W45	mass start	4,6	21	4,8	160	11	3,4	180	13	4,2	145	11	4,1	125	11
M18, M40	mass start	6,3	29	6,0	250	12	3,5	180	14	5,7	235	18	4,9	180	13
W18	mass start	5,2	26	6,3	240	13	3,3	180	14	4,7	160	14	4,4	160	13
M20, M35	mass start	7,3	30	6,7	290	15	3,7	170	15	6,3	260	19	6,1	245	17
W20, M45	mass start	5,8	28	6,7	250	13	3,6	205	13	5,1	210	14	5,8	205	15
M21E	mass start	8,6	36	9,4	380	22	4,1	210	18	7,0	225	19	8,1	280	20
W21E, M21A	mass start	7,3	28	7,1	325	14	3,4	145	15	5,3	200	16	6,0	240	15
W21A, M50	mass start	5,3	22	4,6	210	12	3,1	165	15	4,5	195	13	4,7	150	11
W21S, M60		4,9	18	4,1	170	11	3,3	140	14	4,1	155	15	4,4	135	12
M21S		4,6	23	6,3	240	13	3,3	180	14	4,7	160	14	4,4	160	13
W35	mass start	5,6	24	5,6	200	10	3,0	155	16	4,8	175	15	4,9	215	13
W35S		3,1	15	4,0	150	8	3,0	110	10	3,8	140	13	3,9	150	11
W40-49S		2,6	12	3,6	100	9	3,0	120	10	3,1	120	12	3,4	105	9
M35-49S		3,1	15	4,2	190	11	2,9	155	13	4,1	135	15	3,7	145	11
W50	mass start	3,8	16	3,5	130	9	2,9	150	12	3,9	135	13	3,9	150	10
W55, M65		3,5	16	3,9	130	10	3,1	130	14	3,8	150	13	4,1	120	11
M55		4,6	23	4,3	150	9	3,4	180	15	4,3	180	14	4,1	135	10
W60, M70		3,1	14	2,8	100	9	2,2	100	9	2,7	100	12	3,1	95	10
W65		2,4	11	2,3	60	7	2,2	80	8	3,0	105	10	2,7	85	8
W70		2,4	11	2,8	90	7	2,1	65	7	2,1	75	7	2,3	55	7
M75		2,6	12	2,5	100	7	2,1	75	7	2,6	90	10	2,6	55	9
Open Long		3,8	13	5,4	200	9	3,7	140	12	4,8	105	10	5,1	150	11
Open Short		2,6	9	3,1	100	8	2,5	80	9	3,1	100	9	4,0	90	11

MAP SCALE

	STAGE 1	STAGE 2	STAGE 3	STAGE 4	STAGE 5
WM10R, W10N, M10N	1:10000	1:10000	1:7500	1:10000	1:10000
W10, M10	1:10000	1:10000	1:7500	1:10000	1:10000
W12-14B, M12-14B	1:10000	1:10000	1:7500	1:10000	1:10000
W12, M12	1:10000	1:10000	1:7500	1:10000	1:10000
W14, M14	1:10000	1:10000	1:7500	1:10000	1:10000
W16, M16	1:10000	1:10000	1:7500	1:10000	1:10000
W18, M18	1:10000	1:10000	1:7500	1:10000	1:10000
W20, M20	1:10000	1:10000	1:7500	1:10000	1:10000
W21E, M21E	1:10000	1:10000	1:7500	1:10000	1:10000
W21A, M21A	1:10000	1:10000	1:7500	1:10000	1:10000
W21S, M21S	1:10000	1:10000	1:7500	1:10000	1:10000
W35, M35	1:10000	1:10000	1:7500	1:10000	1:10000
M35-49S	1:10000	1:7500	1:7500	1:7500	1:7500
W35S	1:10000	1:10000	1:7500	1:10000	1:10000
M40	1:10000	1:10000	1:7500	1:10000	1:10000
W40	1:10000	1:10000	1:7500	1:7500	1:7500
W40-49S	1:10000	1:7500	1:7500	1:7500	1:7500
M45	1:10000	1:10000	1:7500	1:10000	1:10000
W45	1:10000	1:10000	1:7500	1:7500	1:7500
M50	1:10000	1:10000	1:7500	1:7500	1:7500
W50	1:10000	1:7500	1:7500	1:7500	1:7500
M55	1:10000	1:10000	1:7500	1:7500	1:7500
W55	1:10000	1:7500	1:7500	1:7500	1:7500
M60, W60, M65, W65	1:10000	1:7500	1:7500	1:7500	1:7500
M70, W70, M75, M80	1:10000	1:7500	1:7500	1:7500	1:7500
OPEN LONG	1:10000	1:10000	1:7500	1:10000	1:10000
OPEN SHORT	1:10000	1:10000	1:7500	1:10000	1:10000