

(1) Registration number:

(2) Name of the competition site:

(3) Name of city/region:

(4) Organizer:

(5) National ski association:

(6) Contact person in the organizing committee:

(7) Homologation inspector:

(8) Name of course:

(9) Competition level for course

20/09.01/1.4

COS Zakopane

Zakopane

TZN, COS

PZN

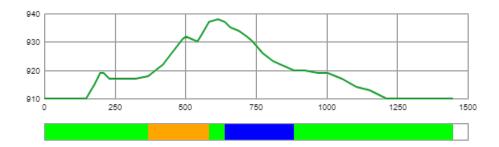
Sebastian Danikiewicz

Anna Guzik, Krzysztof Horecki

Sprint 1,4 km

COC

Course length:	1,447m	Height difference (HD):	28m	Lowest point:	910m
Course category:	D	Maximum climb (MC):	21m	Highest point:	938m
		Total climb (TC):	32m		



A-climb B-climb C-climb descent undulated terrain



FIS Office

Mignerey, Pierre FIS International Ski Federation Blochstrasse 2 / Postfach CH - 3653 Oberhofen FIS Stamp

FIS Homologation Responsible

gation Date of Issue 24.01.2020 Valid until 30.06.2025

	No.	PTC	% of TC
- shorter climbs	1	21	65.6
- descents	1	0	0.0
- undulated terrain	3	11	34.4

(11) Stadium area: Indoor working room:

· · / Ctatalan al cal		mass. managrasiii	
Fixed stadium area	yes	Timekeeping	yes
Fixed building	yes	Announcer	yes
Temporary stadium	no	Jury	yes
Temporary building	no	Race office	yes
Good infrastructure (access, parking, media, etc.)	yes		

Skitesting area along course/near stadium yes Warm up track near the stadium yes

(12) Category for the stadium and course layout:

	Interval	Sprint	Skiathlon	Relay	Mass start
Stadium suitable for following competition formats	yes	yes		yes	yes
Course suitable for following competition formats with					
a) Classsical technique		yes			
b) Free technique		yes			
Course suitable for relay and skiathlon competition					

Course suitable for relay and skiathlon competition

- a) On same course
- b) Combined on different courses (C+D or D+D)

(13) Possibility of snow making:

Full length of course can be prepared by the snow making system, (75 hydrants - every 40-50 m) 15 snow guns, 2 tanks with a capacity of 1500 cubic meters each.

(14) Map Material:

Very good.

(15) Source of accurate elevation data:

GPS professional instrument

(16) Safety considerations:

(17) General remarks:

Uphills are 9 m wide, undulated terrain 7.5 m, downhill 6 m wide.

Lighting along the entire net of courses (about 155 halogen lamps providing 30 - 35 Lux on the entire net of courses, and 4 multipoint reflectors on stadium, each 36m heigh, providing 1000 Lux at ground level on the stadium.

In general total length of 3km is covered with pavement surface, 4 m wide asphalt (on the curves of downhill sections and on the junctions - up to 7 m).

(18) Date of first inspection: 2019/7/5

(19) Date of final inspection: 2019/12/12

	#	at m	PHD (m)	PTC (m)	grad. (%)	avg. grad.(%)		
A-climb	total	_		0			0.0%	part of TC
B-climb	1	366	19	21	-4.8 - 17.7	8.8		
	total	-		21			65.6%	part of TC
C-climb	total			0			0.0%	part of TC
undulated terrain	total			11			34.4%	part of TC
	total	climb		32				



(1) Registration number:

(2) Name of the competition site:

(3) Name of city/region:

(4) Organizer:

(5) National ski association:

(6) Contact person in the organizing committee:

(7) Homologation inspector:

(8) Name of course:

(9) Competition level for course

20/09.02/1.7

COS Zakopane

Zakopane

TZN, COS

PZN

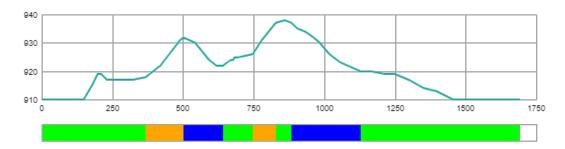
Sebastian Danikiewicz

Anna Guzik, Krzysztof Horecki

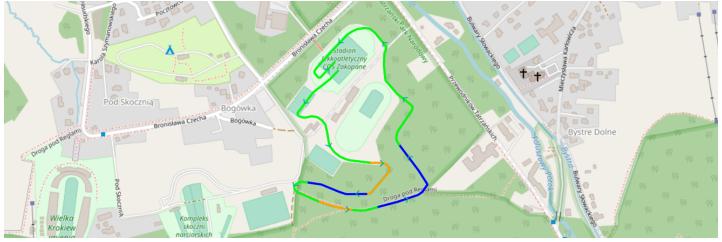
Sprint 1,7

COC

Course length:	1,692m	Height difference (HD):	28m	Lowest point:	910m
Course category:	D	Maximum climb (MC):	14m	Highest point:	938m
		Total climb (TC):	40m		







FIS Office

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FIS Homologation Responsible

ogation Date of Issue 24.01.2020 Valid until 30.06.2025

	No.	PTC	% of TC
- shorter climbs	2	25	62.5
- descents	2	0	0.0
- undulated terrain	4	15	37.5

(11) Stadium area: Indoor working room:

, Gradiani di Gai		mass. mening recim	
Fixed stadium area	yes	Timekeeping	yes
Fixed building	yes	Announcer	yes
Temporary stadium	no	Jury	yes
Temporary building	no	Race office	yes
Good infrastructure (access, parking, media, etc.)	yes		

Good infrastructure (access, parking, media, etc.) yes Skitesting area along course/near stadium yes Warm up track near the stadium yes

(12) Category for the stadium and course layout:

	Interval	Sprint	Skiathlon	Relay	Mass start
Stadium suitable for following competition formats	yes	yes		yes	yes
Course suitable for following competition formats with					
a) Classsical technique		yes			
b) Free technique		yes			
Course quitable for relay and altiothles competition					

Course suitable for relay and skiathlon competition

- a) On same course
- b) Combined on different courses (C+D or D+D)

(13) Possibility of snow making:

Full length of course can be prepared by the snow making system, (75 hydrants - every 40-50 m) 15 snow guns, 2 tanks with a capacity of 1500 cubic meters each.

(14) Map Material:

Very good.

(15) Source of accurate elevation data:

GPS professional instrument

(16) Safety considerations:

Pay attention to the left curve after the first downhill ...

(17) General remarks:

Uphills are 9 m wide, undulated terrain 7.5 m, downhill 6 m wide.

Lighting along the entire net of courses (about 155 halogen lamps providing 30 - 35 Lux on the entire net of courses, and 4 multipoint reflectors on stadium, each 36m heigh, providing 1000 Lux at ground level on the stadium.

In general total length of 3km is covered with pavement surface, 4 m wide asphalt (on the curves of downhill sections and on the junctions - up to 7 m).

(18) Date of first inspection: 2019/7/5

(19) Date of final inspection: 2019/12/12

	#	at m	PHD (m)	PTC (m)	grad. (%)	avg. grad.(%)		
A-climb	total			0			0.0%	part of TC
B-climb	1	366	14	14	6.9 - 13.4	10.4		
	2	745	11	11	12.6 - 14.3	13.3		
	total			25			62.5%	part of TC
C-climb	total			0			0.0%	part of TC
undulated terrain	total			15			37.5%	part of TC
	total	climb		40				



(1) Registration number:

(2) Name of the competition site:

(3) Name of city/region:

(4) Organizer:

(5) National ski association:

(6) Contact person in the organizing committee:

(7) Homologation inspector:

(8) Name of course:

(9) Competition level for course

20/09.03/2.5

COS Zakopane

Zakopane

TZN, COS

PZN

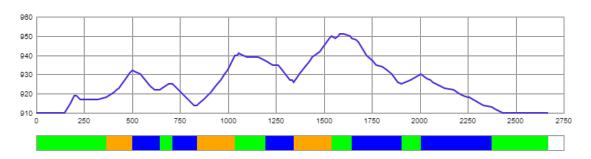
Sebastian Danikiewicz

Anna Guzik, Krzysztof Horecki

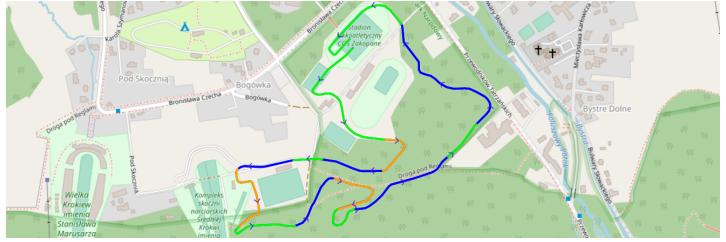
2,5 km A

COC

Course length:	2,671m	Height difference (HD):	41m	Lowest point:	910m
Course category:	D	Maximum climb (MC):	26m	Highest point:	951m
		Total climb (TC):	85m		



A-climb B-climb C-climb descent undulated terrain



FIS Office

Mignerey, Pierre
FIS International Ski Federation
Blochstrasse 2 / Postfach
CH - 3653 Oberhofen

FIS Stamp

FIS Homologation Responsible

gation Date of Issue 24.01.2020 Valid until 30.06.2025

	No.	PTC	% of TC
- shorter climbs	3	64	75.3
- descents	5	0	0.0
- undulated terrain	6	21	24.7

(11) Stadium area: Indoor working room:

1) Cladium area.		macer werking recim	
Fixed stadium area	yes	Timekeeping	yes
Fixed building	yes	Announcer	yes
Temporary stadium	no	Jury	yes
Temporary building	no	Race office	yes
Good infrastructure (access, parking, media, etc.)	yes		
Skitacting area along course/poor stadium	VOC		

Skitesting area along course/near stadium

Warm up track near the stadium

yes

yes

yes

(12) Category for the stadium and course layout:

	Interval	Sprint	Skiathion	Relay	Mass start
Stadium suitable for following competition formats	yes	yes		yes	yes
Course suitable for following competition formats with					
a) Classsical technique	yes				yes
b) Free technique	yes				yes

Course suitable for relay and skiathlon competition

- a) On same course
- b) Combined on different courses (C+D or D+D)

(13) Possibility of snow making:

Full length of course can be prepared by the snow making system, (75 hydrants - every 40-50 m) 15 snow guns, 2 tanks with a capacity of 1500 cubic meters each.

(14) Map Material:

Very good.

(15) Source of accurate elevation data:

GPS professional instrument

(16) Safety considerations:

No.

(17) General remarks:

Uphills are 9 m wide, undulated terrain 7.5 m, downhill 6 m wide.

Lighting along the entire net of courses (about 155 halogen lamps providing 30 - 35 Lux on the entire net of courses, and 4 multipoint reflectors on stadium, each 36m heigh, providing 1000 Lux at ground level on the stadium.

In general total length of 3km is covered with pavement surface, 4 m wide asphalt (on the curves of downhill sections and on the junctions - up to 7 m).

(18) Date of first inspection: 2019/7/5

(19) Date of final inspection: 2019/12/12

	#	at m	PHD (m)	PTC (m)	grad. (%)	avg. grad.(%)		
A-climb	tota			0			0.0%	part of TC
B-climb	1	366	14	14	6.9 - 13.4	10.4		
	2	837	26	26	7.6 - 19.7	13.1		
	3	1,344	24	24	6.8 - 15.1	12.1		
	tota			64			75.3%	part of TC
C-climb	tota			0			0.0%	part of TC
undulated terrain	tota			21			24.7%	part of TC
	tota	climb		85				



(1) Registration number:

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(3) Name of city/region:

(4) Organizer:

(5) National ski association:

(6) Contact person in the organizing committee:

(7) Homologation inspector:

(8) Name of course:

(9) Competition level for course

20/09.04/2.5

COS Zakopane

Zakopane

TZN, COS

PZN

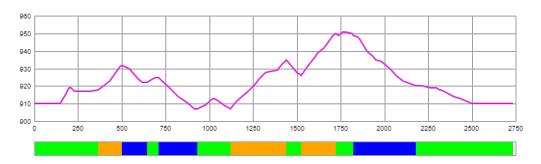
Sebastian Danikiewicz

Anna Guzik, Krzysztof Horecki

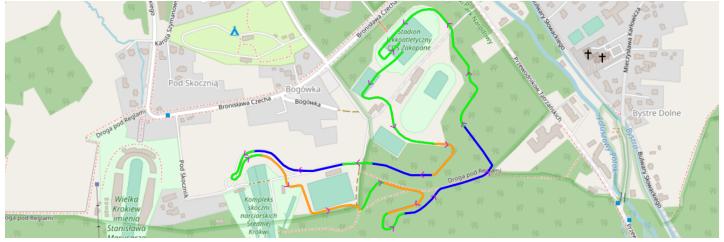
2,5 km B

COC

Course length:	2,735m	Height difference (HD):	44m	Lowest point:	907m
Course category:	D	Maximum climb (MC):	28m	Highest point:	951m
		Total climb (TC):	87m		



A-climb B-climb C-climb descent undulated terrain



FIS Office

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30.06.2025

	No.	PTC	% of TC
- shorter climbs	3	66	75.9
- descents	3	0	0.0
- undulated terrain	6	21	24.1

(11) Stadium area: Indoor working room:

1) Stadium area.	indoor working room.		
Fixed stadium area	yes	Timekeeping	yes
Fixed building	yes	Announcer	yes
Temporary stadium	no	Jury	yes
Temporary building	no	Race office	yes
Good infrastructure (access, parking, media, etc.)	yes		
Skitesting area along course/near stadium	yes		

yes

(12) Category for the stadium and course layout:

Warm up track near the stadium

	Interval	Sprint	Skiathlon	Relay	Mass start
Stadium suitable for following competition formats	yes	yes		yes	yes
Course suitable for following competition formats with					
a) Classsical technique	yes				yes
b) Free technique	yes				yes

Course suitable for relay and skiathlon competition

- a) On same course
- b) Combined on different courses (C+D or D+D)

(13) Possibility of snow making:

Full length of course can be prepared by the snow making system, (75 hydrants - every 40-50 m) 15 snow guns, 2 tanks with a capacity of 1500 cubic meters each.

(14) Map Material:

Very good.

(15) Source of accurate elevation data:

GPS professional instrument

(16) Safety considerations:

No.

(17) General remarks:

Uphills are 9 m wide, undulated terrain 7.5 m, downhill 6 m wide.

Lighting along the entire net of courses (about 155 halogen lamps providing 30 - 35 Lux on the entire net of courses, and 4 multi-point reflectors on stadium, each 36m heigh, providing 1000 Lux at ground level on the stadium.

In general total length of 3km is covered with pavement surface, 4 m wide asphalt (on the curves of downhill sections and on the junctions - up to 7 m).

(18) Date of first inspection: 2019/7/5

(19) Date of final inspection: 2019/12/12

	#	at m	PHD (m)	PTC (m)	grad. (%)	avg. grad.(%)		
A-climb	total			0			0.0%	part of TC
B-climb	1	366	14	14	6.9 - 13.4	10.4		
	2	1,121	28	28	1.7 - 15.9	8.8		
	3	1,524	24	24	6.8 - 15.1	12.1		
	total			66			75.9%	part of TC
C-climb	total			0			0.0%	part of TC
undulated terrain	total			21			24.1%	part of TC
	total	l climb		87				



(1) Registration number:

(2) Name of the competition site:

(3) Name of city/region:

(4) Organizer:

(5) National ski association:

(6) Contact person in the organizing committee:

(7) Homologation inspector:

(8) Name of course:

(9) Competition level for course

20/09.05/3.3

COS Zakopane

Zakopane

TZN, COS

PZN

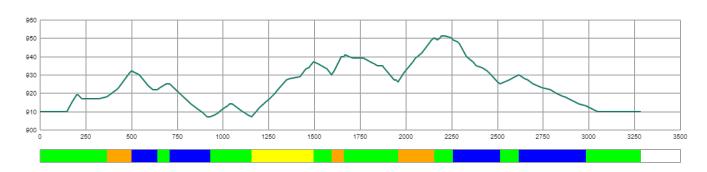
Sebastian Danikiewicz

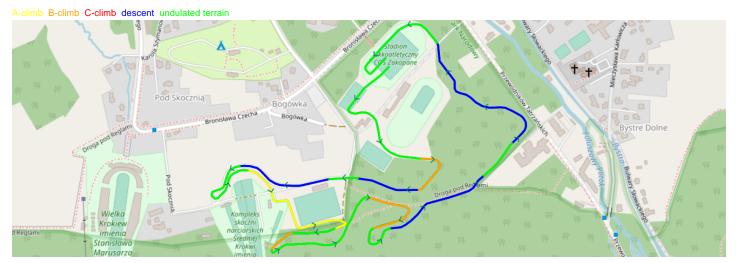
Anna Guzik, Krzysztof Horecki

3,3 km

COC

Course length:	3,283m	Height difference (HD):	44m	Lowest point:	907m
Course category:	D	Maximum climb (MC):	30m	Highest point:	951m
		Total climb (TC):	106m		





FIS Office

Mignerey, Pierre
FIS International Ski Federation
Blochstrasse 2 / Postfach
CH - 3653 Oberhofen

FIS Stamp

FIS Homologation Responsible

Date of Issue 24.01.2020 Valid until 30.06.2025

	No.	PIC	% of IC
- major climbs	1	30	28.3
- shorter climbs	3	48	45.3
- descents	4	0	0.0
- undulated terrain	8	28	26.4

(11) Stadium area: Indoor working room:

1) Statitum area.	idoor working room.		
Fixed stadium area	yes	Timekeeping	yes
Fixed building	yes	Announcer	yes
Temporary stadium	no	Jury	yes
Temporary building	no	Race office	yes
Good infrastructure (access, parking, media, etc.)	yes		

Skitesting area along course/near stadium yes Warm up track near the stadium yes

(12) Category for the stadium and course layout:

	Interval	Sprint	Skiathlon	Relay	Mass start
Stadium suitable for following competition formats	yes	yes		yes	yes
Course suitable for following competition formats with					
a) Classsical technique	yes				yes
b) Free technique	yes				yes

Course suitable for relay and skiathlon competition

- a) On same course
- b) Combined on different courses (C+D or D+D)

(13) Possibility of snow making:

Full length of course can be prepared by the snow making system, (75 hydrants - every 40-50 m) 15 snow guns, 2 tanks with a capacity of 1500 cubic meters each.

(14) Map Material:

Very good.

(15) Source of accurate elevation data:

GPS professional instrument

(16) Safety considerations:

No.

(17) General remarks:

Uphills are 9 m wide, undulated terrain 7.5 m, downhill 6 m wide.

Lighting along the entire net of courses (about 155 halogen lamps providing 30 - 35 Lux on the entire net of courses, and 4 multipoint reflectors on stadium, each 36m heigh, providing 1000 Lux at ground level on the stadium.

In general total length of 3km is covered with pavement surface, 4 m wide asphalt (on the curves of downhill sections and on the junctions - up to 7 m).

(18) Date of first inspection: 2019/7/5

(19) Date of final inspection: 2019/12/12

	#		at m	PHD (m)	PTC (m)	grad. (%)	avg. grad.(%)		
A-climb		1	1,156	30	30	1.7 - 14.1	8.8		
	to	al			30			28.3%	part of TC
B-climb		1	366	14	14	6.9 - 13.4	10.4		
		2	1,594	10		0.0 - 19.7	14.9		
		3	1,956	24	24	6.8 - 15.1	12.1		
	to	al			48			45.3%	part of TC
C-climb	to	al			0			0.0%	part of TC
undulated terrain	to	al			28			26.4%	part of TC
·	total climb			•	106				



(1) Registration number:

(2) Name of the competition site:

(3) Name of city/region:

(4) Organizer:

(5) National ski association:

(6) Contact person in the organizing committee:

(7) Homologation inspector:

(8) Name of course:

(9) Competition level for course

20/09.06/3.75

COS Zakopane

Zakopane

TZN, COS

PZN

Sebastian Danikiewicz

Anna Guzik, Krzysztof Horecki

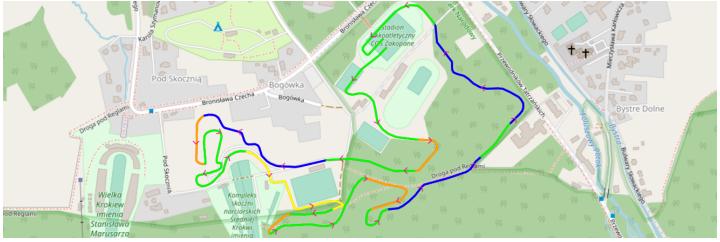
3,75 km

COC

Course length:	3,742m	Height difference (HD):	52m	Lowest point:	899m
Course category:	D	D Maximum climb (MC):		Highest point:	951m
		Total climb (TC):	120m		







FIS Office

Mignerey, Pierre FIS International Ski Federation Blochstrasse 2 / Postfach CH - 3653 Oberhofen FIS Stamp

FIS Homologation Responsible

esponsible

Vodrazka, Jakub

Date of Issue 24.01.2020 Valid until 30.06.2025

	No.	PTC	% of TC
- major climbs	1	30	25.0
- shorter climbs	4	59	49.2
- descents	3	0	0.0
- undulated terrain	8	31	25.8

(11) Stadium area: Indoor working room:

ilidool working footil.		
yes	Timekeeping	yes
yes	Announcer	yes
no	Jury	yes
no	Race office	yes
yes		
	yes no no	yes Announcer no Jury no Race office

Good infrastructure (access, parking, media, etc.)

Skitesting area along course/near stadium

yes

Warm up track near the stadium

yes

(12) Category for the stadium and course layout:

	Interval	Sprint	Skiathlon	Relay	Mass start
Stadium suitable for following competition formats	yes	yes		yes	yes
Course suitable for following competition formats with					
a) Classsical technique	yes				yes
b) Free technique	yes				yes

Course suitable for relay and skiathlon competition

- a) On same course
- b) Combined on different courses (C+D or D+D)

(13) Possibility of snow making:

Full length of course can be prepared by the snow making system, (75 hydrants - every 40-50 m) 15 snow guns, 2 tanks with a capacity of 1500 cubic meters each.

(14) Map Material:

Very good.

(15) Source of accurate elevation data:

GPS professional instrument

(16) Safety considerations:

No.

(17) General remarks:

Uphills are 9 m wide, undulated terrain 7.5 m, downhill 6 m wide.

Lighting along the entire net of courses (about 155 halogen lamps providing 30 - 35 Lux on the entire net of courses, and 4 multi-point reflectors on stadium, each 36m heigh, providing 1000 Lux at ground level on the stadium.

In general total length of 3km is covered with pavement surface, 4 m wide asphalt (on the curves of downhill sections and on the junctions - up to 7 m).

(18) Date of first inspection: 2019/7/5

(19) Date of final inspection: 2019/12/12

	#	at m	PHD (m)	PTC (m)	grad. (%)	avg. grad.(%)	
A-climb		1,615	30	30	1.7 - 14.1	8.8	
	tota	al		30			25.0% part of TC
B-climb		1 366	14		6.9 - 13.4	10.4	
		1,052	10	10	3.8 - 9.6	7.5	
		3 2,053	11	11	16.0 - 19.7	15.1	
		2,415	24	24	6.8 - 15.1	12.1	
	tota	al		59			49.2% part of TC
C-climb	tota	al		0			0.0% part of TC
undulated terrain	tota	al		31			25.8% part of TC
	total climb			120			