



ALPINE SKIING DATA-SOFTWARE BOOKLET

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Table of contents

.....	- 0 -
1 Levels.....	- 2 -
2 Introduction.....	- 3 -
3 Result software.....	- 3 -
4 User support.....	- 3 -
5 Set up of the computer processing system in the cabin.....	- 3 -
6 Language.....	- 4 -
7 Interface with timing devices.....	- 4 -
8 Timing.....	- 5 -
9 Auto-save.....	- 6 -
10 Timing and data technical report.....	- 6 -
11 Recording the race parameters.....	- 6 -
12 Competitors.....	- 7 -
13 Paper Editions of Competition Lists.....	- 8 -
14 Fields.....	- 8 -
15 Start list.....	- 9 -
16 Abbreviations.....	- 10 -
17 Competition results exportation to FIS.....	- 10 -
18 FIS Live timing usage.....	- 10 -
19 Live timing developers.....	- 10 -
20 Appendix A.....	- 11 -
21 Document Control.....	- 11 -

1

Levels

Category	Description	Level
COM	Combined Disciplines	0
OWG	Olympic Winter Games	0
WC	FIS World Cup	0
WSC	FIS World Ski Championships	0
ANC	Australian New Zealand Cup	1
EC	European Cup	1
ECOM	Speed EC Event	1
EQUA	European Cup Qualification	1
FEC	Far East Cup	1
NAC	Nor-Am Cup	1
SAC	South American Cup	1
UVS	Universiade	1
WJC	FIS Junior World Ski Championships	1
NC	National Championships	2
AWG	Asian Winter Games	3
CISM	Military and Police	3
CIT	CIT Race	3
CITWC	CIT Race Arnold Lunn World Cup	3
FIS	FIS Race	3
FQUA	FIS Qualification	3
JUN	Junior Race	3
NJC	National Junior Championships	3
NJR	National Junior Race	3
UNI	University Race	3
YOG	Youth Olympic Winter Games	3
ENL	Entry League FIS races	4

Software and setup of a higher category can also be used.

Example: Level 2 can use same software and setup as Level 1 or 0.

2 Introduction

The purpose of the Data book is to aid software developers who have interest to provide software for FIS disciplined Sports. This book is not intended to be a specification for writing software but only a guide to establish the elements needed to produce the proper information, reports and electronic files for scoring Alpine FIS Races.

The Data book will also serve as a resource to organizers for the production of pre and post competition information, sending electronic result files and verification of valid races (valid for points).

Templates, sample competition lists and XML descriptions can be found in the Appendix.

3 Result software

Data software must be written to follow the FIS rules and include elements defined by the FIS for the production of competition lists and results. The software must also have the ability to produce xml messages for sending electronic results to the FIS result server and for FIS live timing (optional). Providers interested to produce software for FIS competitions should contact the FIS IT department and arrange a test of the xml electronic file for validation. There is no direct certification by the FIS for software at this time.

4 User support

Software editor should provide a user support (technical manual or hotline). The FIS will not give any software assistance.

4.1 Updates

Software Providers must publish software updates in order to meet changes in rules or FIS constant values.

5 Set up of the computer processing system in the cabin

5.1 Installation

Care should be taken when using computers in an outdoor environment. Operating conditions must be respected in terms of humidity and temperature especially if the computer is left overnight inside a cabin.

5.2 **Power**

The use of power generators is not recommended. Back up UPS's are recommended in case of power failure. It is important that the installation is performed in the state of the art with a properly grounded earth current and overcurrent connectors for a standard differential protection.

5.3 **Radio Communication Devices**

The proximity of computers and RF emitting devices must be controlled so no interference can occur for example: walkie-talkie, HF radio transmission ...

6 **Language**

For FIS Races levels 2, 3 and 4, all lists produced should have information available in English in addition to the language of the country. The ability to produce data lists in English must be an option in the software. For FIS race levels 0, 1 all lists must be produced in English.

7 **Interface with timing devices**

7.1 **Data**

The software must be able to record 'Time of Day' or net times in the correct precision from a FIS homologated timing devices. For a current list of Homologated Timing look on the FIS website under "Alpine" Timing & Data.

7.2 **Bi-Directional timing communication of result data**

The transfer of data from the result software back to the homologated timing (device) tape is strictly prohibited. The original timing tape from the timing device must remain protected from any external downstream system data as the original timing tape is the only official record of the core timing data in as it occurs in sequential order.

Result verification (Results = Tapes) as defined in the Rules. See Alpine ICR 611.3.3.

7.3 **Timing Precision**

FIS competitions time of day times must be immediately and automatically sequentially recorded on printed strips to at least 1/1000th (0.001) of second. Each competitor's net time must be truncated to 1/100th (0.01) of a second. Computer software calculating net times must use the precision of the "Timing of Day" used in the timing device. See ICR 611.3.5

For more details, see the Timing Booklet on the FIS website under Alpine/Timing & Data. Computer Links Level 0 and 1 must be wired. Recommend also for any other level a wired connection.

7.4 **Connections**

The distances between computers are limited according to the type of connection: Please read and respect the manufacture's specification.

7.5 **Result computer <A> and **

The result computer <A> and must operate completely independent of each other. The computer used to calculate and transmit live results must be connected to "Primary" or "A" timing device.

7.6 **Online / Offline**

The software should be able to read the data online (real time) or offline (after the race) from the homologated timing device.

8 **Timing**

8.1 **Time of day**

If the timers send Time of Day times, the precision must be at a 1/1000th precision. The calculated net time corresponds to the difference between the finish time and start time of a competitor (ICR art. 611.2.1).

8.2 **Net time**

If the timer sends net times, the software must be not making any correction or calculation on this time.

8.3 **Modifying Times**

If a time from hand timing must be used in order to obtain the Net Time of a competitor, the calculation of the correction must be applied in accordance with (ICR art. 611.3.2.1).

If a time must be manually entered in the software, this must have to be noted or flagged in an obvious way within the timing log.

9 **Auto-save**

The software shall generate an “auto-save” cycle (maximum every ten seconds) in order to ensure backup in case of unwanted reboot or shut-down of the computer.

10 **Timing and data technical report**

The Timing and Data Technical Report (TDTR) is required to be sent by xml to the FIS following a race. The software developer has the option to produce the XML file out of the software

(ftp://ftp.fissski.com/Software/XML/XMLdescription_Timing_Report_AL.pdf) or it can be used the FIS Timing Report software

(<ftp://ftp.fissski.com/Software/Programs/TimingReport/AL>).

11 **Recording the race parameters**

For each race, it must be possible to input and record all required race data elements defined in each discipline XML. The current xml description for Alpine can be found on the FIS FTP:

ftp://ftp.fissski.com/Software/XML/XMLdescription_AL.pdf

The software must be able to record results for each athlete/competitor for all disciplines in Alpine Skiing and at a minimum for those counting for FIS points.

Counting for FIS points:

DH: Downhill,
SL: Slalom,
GS: Giant Slalom
SG: Super-G
AC: Alpine Combined

Other events:

Combined Events
Combined Team event
Parallel Nations Team Event
Parallel Events
KO

11.1 **Race Characteristics**

FIS constant values are values used to calculate results. To find the formula Penalty result calculation, see Rules of the FIS points art. 4

All values (F-Factor, Adder, minimum penalty, maximum points) are integrated in the current FIS point list file available of the FIS FTP:

<ftp://ftp.fissski.com/Software/Files/Fislist>

12 Competitors

12.1 Entries

Entries are sent to the organizer with information required for each competitor : (FIS code #, Name, First Name, National ski association (NSA), Year of Birth and Category). The entry list must be used to select the corresponding competitor in the software for entry into the competition.

See Alpine Skiing ICR art. 215.3.1

12.2 FIS lists

The software must be able to download or load exclusively the most Official recent FIS Points List. The lists are available on the FIS FTP:

<ftp://ftp.fis-ski.com/Software/Files/Fislist>

For better understanding of what follows the writing conventions is as below for the example of season 2013/2014 : ALFP214F.zip

AL"	[2 letters]	= FIS discipline code (sector code)
"FP"	[2 letters]	= Fix letters and is the abbreviation of FIS Points
"2"	[1-2 digits]	= List number in the season
"14"	[2 digits]	= Current season e.g.: season 2013/2014 = 14
"F"	[1 letter]	= 2 possible value
		• "F" = Full with athletes results in the season
		• "P" = Partial without athletes results

Points range

Athletes who have 9999.99 points have no FIS points. No FIS points is not the same as 0 points. The Software have to support values with a minimum of 4 digits and 2 decimals.

12.3 Points validity check

Software must warn the user when points are updated from a list whose expiry date is exceeded.

- These start and end of the application period are in a file of the ".zip" archive in each discipline folder. In addition the FIS points list number/code shall be displayed on the start list and result pages
<ftp://ftp.fis-ski.com/Software/Files/Fislist>
- AL<Z><Y>hdr.csv : in columns "Validfrom" and "Validto"
- The FIS points list number/code shall be displayed on the start list and result pages to validate the correct list is being used.

12.4 Athlete Age Classifications

Software should be able to update each competitor's age class according to the

current season using official age class limits. The FIS competition years run from the 1st of July until the 30st of June of the year after. A competitors age class is determined from Jan.1st to Dec 31st. These categories must be updated according to the rules

See article 607 of Alpine Skiing ICR:

13 Paper Editions of Competition Lists

The software should be able to produce the following lists:

All levels:

- Entry form
- Competitor Draw List by Points
- Start List 1st Run (One Run Events)
- Start List 1st Run
- Start List 2nd Run
- Start List Training Run (DH)
- Unofficial Results - One Run Events
- Unofficial Results 1st Run
- Unofficial Results 2nd Run
- Official Results – One Run Events
- Official Results -1st Run
- Official Results – 2nd Run
- Official Results Super Combined
- Results by Rank Training Run
- Penalty Calculation

Level 0:

- Analysis

Refer to the ICR 617.3.4 for the information on the start and result lists.

Any other report, like TD report, report by the referee, ... must be not covered by the software or filled by the timekeeper.

Report examples in appendix A

14 Fields

14.1 Statuses (IRMs)

There are six IRMs that will have: immediate consequences on the rankings.

The software must be able to take into account the following statuses:

DSQ:	Disqualified (Run 1, Run 2)
DNS:	Did Not Start (Run 1, Run 2)
DNF:	Did Not Finish (Run 1, Run 2)
DNQ2:	Did not qualify for second run
NPS:	Not Permitted to Start (Run 1, Run 2)
DQO:	Disqualify for Over Quota
DPD:	Disqualify for doping offense (special case and must be only entered by FIS)

14.2 **Marks**

PF:	Photo finish
*:	Snow seed
DQP:	Potentially Disqualify (only for partial or live information)

14.3 **Documents Headers**

The Lists must be made available in English in addition to the language of the country and must contain certain mandatory header information on Start Lists and Results. See appendix A

15 **Start list**

15.1 **Bib assignment / Draw**

Software should allow to change bib assignment according to each discipline requirements. Provides an electronic random draw or a manually entry after the draw.

Exclude competitors of category or gender out of the current competition scope.

See articles 217, 621 (621.9) of Alpine Skiing ICR

The software must allow to establish start lists for any format (with or without Bibo, from a file, from another (qualification) event, ...):

See articles 1212.4 and 1212.5 of Alpine Skiing ICR

15.2 **Snow Seed**

The snow seed have to be marked on the start list according ICR art 621.10

15.3 **First run**

Software must be able to create a Start List for paper production following the draw.

See article 620 of the Alpine Skiing ICR.

- 15.4 **Second Run**
Possibility of operating an adjustable bibo: best ranked of the first run start in reverse order according to each discipline rules. The option to reverse either the top 15 or 30 based on Run 1 Rank needs to be available. Ensure ties are ranked correctly.
See section 621.11 of Alpine Skiing ICR.
- 16 **Abbreviations**
All abbreviation should have a legend at the bottom of the concerning document.
- 17 **Competition results exportation to FIS**
The software must be able to create result files in XML format.
The XML file must meet this format:
"Nation code" + "Event codex".
Example: "FRA5560.XML".
These files must fully comply to the definition given in the file available on FIS ftp: ftp://ftp.fis-ski.com/Software/XML/XMLdescription_AL.pdf
The XML format is common to all events. After the event, the result and the electronic timing report XML files will have to be sent to FIS by e-mail to the following address: alpineresults@fis-ski.com. The mail subject must be not containing any special characters; we suggest writing just nation code and the codex.
- 18 **FIS Live timing usage**
FIS provide a live timing service, if the data software support this feature,

This system can be used to register FIS races for FIS live results service on all competition levels.

All entered data for live races will be saved in the FIS database and visible linked on the FIS website.

USER: For the information on how to connect to FIS Live Timing see FIS website (www.fis-ski.com) ALPINE/Timing & Data tab.
- 19 **Live timing developers**
If any company have any interest to implement the live timing feature, they have to contact the FIS IT (it@fis-ski.com) department to get more details.

20 **Appendix A**
Reports examples on the next pages.

21 **Document Control**

Version History	Description
Version 1.11 (06.10.2017)	Levels list updated
Version 1.10 (30.05.2016)	14.1 statuses updated, note added in point 13,

START LIST
(Name of Event)
LADIES' SUPER-G

JEONGSEON ALPINE CENTRE SAT 17 FEB 2018 Start Time 10:00

Jury			Technical Data	
FIS Technical Delegate	KROGOLL Peter	GER	Course Name	Franz's Super G
Referee	SKAARDAL Atle	FIS	Start Altitude	1425m
Assistant Referee	TISCHHAUSER Jan	FIS	Finish Altitude	825m
Chief of Race	HOLLIDAY Bruce	CAN	Vertical Drop	600m
			Course Length	2005m
			Homologation Number	8652/11/07

Race Information		
Course Setter	KRIECHBAUM Juergen	AUT
Gates/Turning Gates	41/37	
Start Time	10:00	

Number of Competitors: 48, Number of NOCs: 27, FIS List # F= 1080

Bib	FIS Code	Name	YB	CLUB	NAT	Race Points
1	537545	MANCUSO Julia	1984	XXXX	USA	
2	225206	ALCOTT Chemmy	1982	XXXX	GBR	
3	205218	REBENBURG Viktoria	1989	XXXX	GER	
4	495318	RUIZ CASTILLO Carolina	1981		ESP	
5	55970	SCHMIDHOFER Nicole	1989		AUT	
6	206175	STECHECHERT Gina	1987		GER	
7	565320	FERK Marusa	1988		SLO	
8	505632	LINDELL-VIKARBY Jessica	1984		SWE	
9	105997	BRYDON Emily	1980		CAN	
10	515806	KAMER Nadja	1986		SUI	
11	196460	MARCHAND-ARVIER Marie	1985		FRA	
...						
*42	206001	RIESCH Maria	1984		GER	
43	515849	DETLING Andrea	1987		SUI	
*44	195671	JACQUEMOD Ingrid	1978		FRA	
*45	55947	FENNINGER Anna	1989		AUT	
46	55576	GOERGL Elisabeth	1981		AUT	
*47	537544	VONN Lindsey	1984		USA	
*48	515766	SUTER Fabienne	1985		SUI	

Forerunners					
A - TROW Andrew	CAN	B - CADMEN Michael	CAN	C - KONANTZ William	CAN
D - MORRIS Spencer	CAN	E - SWEETE Ford	CAN	F - KWONG Daniel	CAN

Legend:	*	Snowseed	YB	Year of Birth
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START LIST
(Name of Event)
LADIES' GIANT SLALOM
RUN 1

YONGPYONG ALPINE CENTRE THU 22 FEB 2018 Start Time 10:00

Jury			Technical Data		
Technical Delegate	KROGOLL Peter	GER	Course Name	Franz's GS	
Referee	SKAARDAL Atle	FIS	Start Altitude	1177m	
Chief of Race	HOLLIDAY Bruce	CAN	Finish Altitude	805m	
			Vertical Drop	372m	
			Homologation Number	8654/11/07	
Race Information Run 1			Race Information Run 2		
Course Setter	SCHWAIGER Christian	GER	Course Setter	PAERSON Anders	SWE
Gates/Turning Gates	49/47		Gates/Turning Gates		
Start Time	10:00		Start Time	13:00	

Number of Competitors: 55, Number of NOCs: 40, FIS List # F= 980

Bib	FIS Code	Name	YB	Club	NAT	Race Points
1	205993	HOELZL Kathrin	1984	XXX	GER	_____
2	205218	REBENSBURG Viktoria	1989	XXX	GER	_____
3	185140	POUTIAINEN Tanja	1980	XXX	FIN	_____
4	55838	ZETTEL Kathrin	1986		AUT	_____
5	296259	MOELGG Manuela	1983		ITA	_____
6	505760	PIETILAE-HOLMNER Maria	1986		SWE	_____
7	565243	MAZE Tina	1983		SLO	_____
8	196725	BARIOZ Taina	1988		FRA	_____
9	505483	PAERSON Anja	1981		SWE	_____
10	55898	BREM Eva-Maria	1988		AUT	_____
11	297601	BRIGNONE Federica	1990		ITA	_____
12	206001	RIESCH Maria	1984		GER	_____
13	196928	WORLEY Tessa	1989		FRA	_____
14	295445	KARBON Denise	1980		ITA	_____
15	55759	KIRCHGASSER Michaela	1985		AUT	_____
16	55576	GOERGL Elisabeth	1981		AUT	_____
17	537544	VONN Lindsey	1984		USA	_____
18	537545	MANCUSO Julia	1984		USA	_____
...						_____

Forerunners						
Run 1:	A - ROUTHIER Eve	CAN	B - PHELAN Brittany	CAN	C - TERWIEL Elii	CAN
Run 2:	A - ROUTHIER Eve	CAN	B - PHELAN Brittany	CAN	C - TERWIEL Elii	CAN

Legend:	
YB	Year of Birth

C51A - Start List (Run 1 & One Run Events)

Description	Start list for Downhill, Slalom run 1, Giant Slalom run 1, Super-G and Downhill run 1(if split)
Source	OC Technology
Sort by	1- Bib number
Page break	Not controlled
Notes	Note with static text: None Note with predefined text: None Free text: See Appendix C - Rules for Data Formats and Presentation
Legend	Use the following description for abbreviations which appear in the output: * - Snowseed YB - Year of Birth To be displayed at the bottom of the last page.
IRM rules	None
Comments	Race information for run 2 of the technical events is included in this output. The first page should show at least 30 competitors. There are two samples: 1. One run event 2. Run 1 of a two run event

Level	Data Item	M/D	Comments
1	Output title (H1)	M	Text
2	Sport discipline (H2)	M	Text
3	Event/Gender (H3)	M	Standard FIS event name
4	Phase & event unit (H4)	Mc	Text - "Run 1". (N/A for SG).
5	Venue - date - start time - end time (H5)	--	
5.1	Venue name (H5.1)	M	Text
5.2	Event date (H5.2)	M	Date - in the format defined in the OC Look and Feel standard
5.3	Event start time (H5.3)	M	Time - in the format defined in the OC Look and Feel standard
5.4	Event end time (H5.4)	--	NOT APPLICABLE
6	As of date (H6)	--	NOT APPLICABLE
7 (n)	For each jury member	--	
7.1	Function	M	Text - Assistant referee is only applicable for DH and SG
7.2	Family name	M	Text
7.3	Given name	M	Text
7.4	NOC code	M	Standard IOC NOC code or "FIS"
8	Technical data	--	
8.1	Course name	M	Text
8.2	Start altitude	M	Numeric
8.3	Finish altitude	M	Numeric
8.4	Vertical drop	M	Numeric
8.5	Course length	Mc	Numeric (N/A for SL and GS).
8.6	Homologation number	M	Numeric
9 (n)	Race information	--	n=1 for DH and SG. n=2 for: 1) SL, GS 2) DH if there is a run 2 for DH If n=2, include "Run 1"/"Run 2" in the title.
9.1	Course setter	--	
9.1.1	Family name	M	Text
9.1.2	Given name	M	Text

Level	Data Item	M/D	Comments
9.1.3	NOC code	M	Standard IOC NOC code or "FIS"
9.2	Number of gates	Mc	Numeric. Data for run 2 will only be included (if available) on the start list for run 2 (blank on the start list for run 1).
9.3	Number of turning gates	Mc	Numeric - for SL, GS and SG. Data for run 2 will only be included (if available) on the start list for run 2 (blank on the start list for run 1).
9.4	Start time	M	Time - in the format defined in the OC Look and Feel standard
10	Number of competitors	M	Numeric. Total number of competitors in this event.
11	Number of NOCs	M	Numeric. Total number of NOCs in this event.
12 (n)	For each competitor	--	
12.1	Snowseed	Mc	Code - "***". Shown if snowseed is used.
12.2	Bib number	M	Numeric
12.3	FIS code	M	Numeric
12.4	Family name	M	Text
12.5	Given name	M	Text
12.6	Year of birth	M	Year - in the format defined in the OC Look and Feel standard
12.7	NOC code	M	Standard IOC NOC code
12.8	Time	M	Space
13	Forerunners	--	Suppress table if no forerunners
13.1 (n)	For each run	--	
13.1.1	Run number	Mc	Text. "Run 1" or "Run 2". Only included if two runs.
13.1.2 (n)	For each forerunner	--	
13.1.2.1	Forerunner number	M	Text. OC will decide what numbers to use (may be 'F1', 'F2', or 'A', 'B', 'C',... or any other scheme)
13.1.2.2	Family name	M	Text
13.1.2.3	Given name	M	Text
13.1.2.4	NOC code	M	Standard IOC NOC code
14	Note with static text	--	NOT APPLICABLE
15 (n)	Note for each predefined text	--	
15.1	Predefined text	--	NOT APPLICABLE
16 (n)	Legend	--	
16.1	Abbreviation	Mc	Code
16.2	Description of abbreviation	Mc	Text
17	Free text	Ma	Text
18	FIS codex code	--	At the bottom of every page
18.1	Date of the competition	M	Standard FIS codex format
18.2	Place of the competition	M	Text
18.3	NOC code of the place	M	Standard IOC NOC code
18.4	FIS codex number	M	Text - codex number: according to latest version of the FIS calendar

C51A - Start List (Run 1 & One Run Events)

Description	Start list for Downhill, Slalom run 1, Giant Slalom run 1, Super-G and Downhill run 1(if split)
Source	OC Technology
Sort by	1- Bib number
Page break	Not controlled
Notes	Note with static text: None Note with predefined text: None Free text: See Appendix C - Rules for Data Formats and Presentation
Legend	Use the following description for abbreviations which appear in the output: * - Snowseed YB - Year of Birth To be displayed at the bottom of the last page.
IRM rules	None
Comments	Race information for run 2 of the technical events is included in this output. The first page should show at least 30 competitors. There are two samples: 1. One run event 2. Run 1 of a two run event

Level	Data Item	M/D	Comments
1	Output title (H1)	M	Text
2	Sport discipline (H2)	M	Text
3	Event/Gender (H3)	M	Standard FIS event name
4	Phase & event unit (H4)	Mc	Text - "Run 1". (N/A for SG).
5	Venue - date - start time - end time (H5)	--	
5.1	Venue name (H5.1)	M	Text
5.2	Event date (H5.2)	M	Date - in the format defined in the OC Look and Feel standard
5.3	Event start time (H5.3)	M	Time - in the format defined in the OC Look and Feel standard
5.4	Event end time (H5.4)	--	NOT APPLICABLE
6	As of date (H6)	--	NOT APPLICABLE
7 (n)	For each jury member	--	
7.1	Function	M	Text - Assistant referee is only applicable for DH and SG
7.2	Family name	M	Text
7.3	Given name	M	Text
7.4	NOC code	M	Standard IOC NOC code or "FIS"
8	Technical data	--	
8.1	Course name	M	Text
8.2	Start altitude	M	Numeric
8.3	Finish altitude	M	Numeric
8.4	Vertical drop	M	Numeric
8.5	Course length	Mc	Numeric (N/A for SL and GS).
8.6	Homologation number	M	Numeric
9 (n)	Race information	--	n=1 for DH and SG. n=2 for: 1) SL, GS 2) DH if there is a run 2 for DH If n=2, include "Run 1"/"Run 2" in the title.
9.1	Course setter	--	
9.1.1	Family name	M	Text
9.1.2	Given name	M	Text
9.1.3	NOC code	M	Standard IOC NOC code or "FIS"

Level	Data Item	M/D	Comments
9.2	Number of gates	Mc	Numeric. Data for run 2 will only be included (if available) on the start list for run 2 (blank on the start list for run 1).
9.3	Number of turning gates	Mc	Numeric - for SL, GS and SG. Data for run 2 will only be included (if available) on the start list for run 2 (blank on the start list for run 1).
9.4	Start time	M	Time - in the format defined in the OC Look and Feel standard
10	Number of competitors	M	Numeric. Total number of competitors in this event.
11	Number of NOCs	M	Numeric. Total number of NOCs in this event.
12 (n)	For each competitor	--	
12.1	Snowseed	Mc	Code - "***". Shown if snowseed is used.
12.2	Bib number	M	Numeric
12.3	FIS code	M	Numeric
12.4	Family name	M	Text
12.5	Given name	M	Text
12.6	Year of birth	M	Year - in the format defined in the OC Look and Feel standard
12.7	NOC code	M	Standard IOC NOC code
12.8	Time	M	Space
13	Forerunners	--	Suppress table if no forerunners
13.1 (n)	For each run	--	
13.1.1	Run number	Mc	Text. "Run 1" or "Run 2". Only included if two runs.
13.1.2 (n)	For each forerunner	--	
13.1.2.1	Forerunner number	M	Text. OC will decide what numbers to use (may be 'F1', 'F2', or 'A', 'B' 'C',... or any other scheme)
13.1.2.2	Family name	M	Text
13.1.2.3	Given name	M	Text
13.1.2.4	NOC code	M	Standard IOC NOC code
14	Note with static text	--	NOT APPLICABLE
15 (n)	Note for each predefined text	--	
15.1	Predefined text	--	NOT APPLICABLE
16 (n)	Legend	--	
16.1	Abbreviation	Mc	Code
16.2	Description of abbreviation	Mc	Text
17	Free text	Ma	Text
18	FIS codex code	--	At the bottom of every page
18.1	Date of the competition	M	Standard FIS codex format
18.2	Place of the competition	M	Text
18.3	NOC code of the place	M	Standard IOC NOC code
18.4	FIS codex number	M	Text - codex number: according to latest version of the FIS calendar

OFFICIAL RESULTS
(Name of Event)
LADIES' SLALOM

YONGPYONG ALPINE CENTRE TUE 20 FEB 2018

Jury			Technical Data		
FIS Technical Delegate	KROGOLL Peter	GER	Course Name	Lower Dave Murray	
Referee	SKAARDAL Atle	FIS	Start Altitude	985m	
Chief of Race	HOLLIDAY Bruce	CAN	Finish Altitude	805m	
			Vertical Drop	180m	
			Homologation Number	4368/46/95	
Race Information Run 1			Race Information Run 2		
Course Setter	BERGANT Klemen	SLO	Course Setter	OBKIRCHER Guenter	AUT
Gates/Turning Gates	62/61		Gates/Turning Gates	64/63	
Start Time	10:00		Start Time	13:00	

Number of Competitors: 87, Number of NOCs: 47, FIS List # Applied Penalty 8.84 F = 720

Rank	Bib	FIS Code	Name	YB	Club	NOC Code	Run 1		Run 2		Total	Diff.	Race Points
							Time	Rank	Time	Rank			
1	2	206001	RIESCH Maria	1984		GER	52.32	(1)	53.85	(4)	1:46.17		0.00
2	5	55590	SCHILD Marlies	1981		AUT	52.57	(2)	54.52	(7)	1:47.09	0.92	0.38
3	10	155415	ZAHROBSKA Sarka	1985		CZE	53.08	(3)	54.10	(5)	1:47.18	1.01	5.32
4	12	505760	PIETILAE-HOLMNER Maria	1986		SWE	54.08	(5)	53.74	(2)	1:47.82	1.65	5.80
5	4	195972	AUBERT Sandrine	1982		FRA	54.18	(6)	53.80	(3)	1:47.98	1.81	9.24
6	18	185140	POUTIAINEN Tanja	1980		FIN	53.70	(4)	54.41	(6)	1:48.11	1.94	10.10
7	9	55576	GOERGL Elisabeth	1981		AUT	54.75	(7)	53.65	(1)	1:48.40	2.23	10.80
8	23	295435	GIUS Nicole	1980		ITA	55.02	(8)	54.92	(8)	1:49.94	3.77	12.36
9	25	565243	MAZE Tina	1983		SLO	55.57	(13)	55.44	(9)	1:51.01	4.84	20.63
10	29	705287	ZUZULOVA Veronika	1984		SVK	55.17	(9)	56.02	(13)	1:51.19	5.02	26.38
11	22	296259	MOELGG Manuela	1983		ITA	55.39	(12)	55.88	(11)	1:51.27	5.10	27.34
12	36	55838	ZETTEL Kathrin	1986		AUT	55.32	(10)	56.45	(15)	1:51.77	5.60	27.77
12	7	385032	JELUSIC Ana	1986		CRO	55.32	(10)	56.45	(15)	1:51.77	5.60	27.77
14	28	206279	GEIGER Christina	1990		GER	56.35	(19)	55.63	(10)	1:51.98	5.88	31.59
15	35	505679	HANSDOTTER Frida	1985		SWE	56.18	(17)	55.93	(12)	1:52.11	6.01	32.29
16	44	536481	SCHLEPER Sarah	1979		USA	56.14	(16)	56.27	(14)	1:52.41	6.31	33.90
17	25	106527	ACTON Brigitte	1985		CAN	55.73	(15)	56.92	(17)	1:52.65	6.55	35.19
...													

OFFICIAL RESULTS
Name of Event
LADIES' SLALOM

YONGPYONG ALPINE CENTRE TUE 20 FEB 2018

Rank	Bib	FIS Code	Name	YB	Club	NOC Code	Run 1		Run 2		Total	Diff.	Race Points
							Time	Rank	Time	Rank			
31	3	295445	KARBON Denise	1980		ITA	55.69	(14)	58.25	(25)	1:53.94	6.84	36.75
32	42	106633	GOODMAN Anna	1986		CAN	56.25	(18)	58.54	(26)	1:54.79	7.69	41.31

...

DID NOT FINISH RUN 2: 1 competitor

27 206160 RIESCH Susanne 1987 GER

DISQUALIFIED RUN 2: 1 competitor

30 206035 CHMELAR Fanny 1985 GER Gate 6 Rule 630.1.6

DID NOT START RUN 2: 2 competitors

24 315149 LOLOVIC Jelena 1981 SRB

26 95050 KIRKOVA Maria 1986 BUL

DID NOT FINISH RUN 1: 5 competitors

2 537544 VONN Lindsey 1984 USA

3 185271 LEINONEN Sanni 1989 FIN

8 196016 DAUTHERIVES Claire 1982 FRA

11 565268 DREV Ana 1985 SLO

12 155047 ZAKOURILOVA Petra 1978 CZE

DISQUALIFIED RUN 1: 1 competitor

21 275009 MCGARRY Kirsten 1985 IRL Gate 56 Rule 629.3

Reason for disqualification:

629.3 Did not pass through a gate correctly (art. 661.4)

630.1.6 Failed to cross the gate lines between the poles of the gates with both ski tips and both feet.

Forerunners							
Run 1:	A - ROUTHIER Eve	CAN	B - PHELAN Brittany	CAN	C - TERWIEL Elli	CAN	
Run 2:	A - ROUTHIER Eve	CAN	B - PHELAN Brittany	CAN	C - TERWIEL Elli	CAN	

Conditions on course			
Run 1:	SUNNY	Snow: HARD	Temperature - Start: -4.7°C / 24°F
Run 2:	CLOUDY	Snow: HARD	Temperature - Start: 3.1°C / 38°F
			Temperature - Finish: -2.0°C / 28°F
			Temperature - Finish: 6.1°C / 43°F

Legend:	
YB	Year of Birth

C73C - Official Results (After Run 2)

Description	Official results list after run 2 for Slalom, Giant Slalom and Downhill - if split
Source	OC Technology
Sort by	For ranked competitors: 1 - Rank 2 - Bib number (descending) For non-ranked competitors: 1 - Event unit (by run and within run DNF, DSQ, NPS, DNS, DQB) 2 - Bib number within each group
Page break	Not controlled
Notes	Note with static text: None
	Note with predefined text: None
	Free text: See Appendix C - Rules for Data Formats and Presentation
Legend	Use the following description for abbreviations which appear in the output: YB - Year of Birth
	To be displayed at the bottom of the last page.
IRM rules	IRM rules: See Appendix C - Rules for Data Formats and Presentation
Comments	The Assistant Referee is part of the speed event jury only (split DH). The first page should show at least 30 competitors unless this is not possible due to IRMs.

Level	Data Item	M/D	Comments
1	Output title (H1)	M	Text
2	Sport discipline (H2)	M	Text
3	Event/Gender (H3)	M	Standard FIS event name
4	Phase & event unit (H4)	--	NOT APPLICABLE
5	Venue - date - start time - end time (H5)	--	
5.1	Venue name (H5.1)	M	Text
5.2	Event date (H5.2)	M	Date - in the format defined in the OC Look and Feel standard
5.3	Event start time (H5.3)	M	Time - in the format defined in the OC Look and Feel standard
5.4	Event end time (H5.4)	--	NOT APPLICABLE
6	As of date (H6)	--	NOT APPLICABLE
7 (n)	For each jury member	--	
7.1	Function	M	Text
7.2	Family name	M	Text
7.3	Given name	M	Text
7.4	NOC code	M	Standard IOC NOC code or "FIS"
8	Technical data	--	
8.1	Course name	M	Text
8.2	Start altitude	M	Numeric
8.3	Finish altitude	M	Numeric
8.4	Vertical drop	M	Numeric
8.5	Course length	Mc	Numeric. Only used for DH run 2 - if split.
8.6	Homologation number	M	Numeric
9 (2)	Race information for each run	--	In order of runs
9.1	Course setter	--	
9.1.1	Family name	M	Text
9.1.2	Given name	M	Text
9.1.3	NOC code	M	Standard IOC NOC code or "FIS"
9.2	Number of gates	M	Numeric
9.3	Number of turning gates	Mc	Numeric - for SL and GS
9.4	Start time	M	Time - in the format defined in the OC Look and Feel standard
10	F-factor	M	Numeric
11	Number of competitors	M	Numeric. Total number of competitors in this event.
12	Number of NOCs	M	Numeric. Total number of NOCs in this event.
13 (n)	For each ranked competitor	--	

Level	Data Item	M/D	Comments
13.1	Rank	M	Numeric
13.2	Bib number	M	Numeric
13.3	FIS code	M	Numeric
13.4	Family name	M	Text
13.5	Given name	M	Text
13.6	Year of birth	M	Year - in the format defined in the OC Look and Feel standard
13.7	NOC code	M	Standard IOC NOC code
13.8	Time of run 1	M	Time format
13.9	Rank of run 1	M	Numeric
13.10	Time of run 2	M	Time format
13.11	Rank of run 2	M	Numeric
13.12	Total time	M	Time format
13.13	Time difference from the leading competitor	M	Time difference format
13.14	Race points	M	Race points format
14 (n)	For each non-ranked competitor	--	If any
14.1	Subheading	Mc	Text; - "DID NOT FINISH x" - "DISQUALIFIED x" - "NOT PERMITTED TO START x" - "DID NOT START x" - "DISQUALIFIED FOR UNSPORTSMANLIKE BEHAVIOUR", where "x" is "RUN 1" or "RUN 2"
14.2	Number of competitors	M	Numeric
14.3 (n)	For each competitor	--	
14.3.1	Bib number	M	Numeric
14.3.2	FIS code	M	Numeric
14.3.3	Family name	M	Text
14.3.4	Given name	M	Text
14.3.5	Year of birth	M	Year - in the format defined in the OC Look and Feel standard
14.3.6	NOC code	M	Standard IOC NOC code
14.3.7	Disqualified gate number	Mc	Numeric - N/A for DNF, NPS, DNS and DQB
14.3.8	Reference to rule book paragraph number	Mc	Text - N/A for DNF, NPS and DNS
15 (n)	For each disqualification	--	If any. The sort order for reasons for disqualification is the order of appearance.
15.1	Reference to rule book paragraph number	M	Text
15.2	Reason for disqualification	M	Text
16	Forerunners	--	Suppress table if no forerunners
16.1 (2)	For each run	--	
16.1.1	Run number	M	Text. "Run 1" or "Run 2".
16.1.2 (n)	For each forerunner	--	
16.1.2.1	Forerunner number	M	Text. OC will decide what numbers to use (may be 'F1', 'F2', or 'A', 'B' 'C',... or any other scheme)
16.1.2.2	Family name	M	Text
16.1.2.3	Given name	M	Text
16.1.2.4	NOC code	M	Standard IOC NOC code
17	Weather details	--	
17.1 (2)	For each run	--	
17.1.1	Run number	M	Text. "Run 1" or "Run 2".
17.1.2	Weather conditions	M	Text
17.1.3	Snow condition	M	Text
17.1.4	Temperature at start	M	Temperature format
17.1.5	Temperature at finish	M	Temperature format
18	Note with static text	--	NOT APPLICABLE
19 (n)	Note for each predefined text	--	
19.1	Predefined text	--	NOT APPLICABLE
20 (n)	Legend	--	

Level	Data Item	M/D	Comments
20.1	Abbreviation	Mc	Code
20.2	Description of abbreviation	Mc	Text
21	Free text	Ma	Text
22	FIS codex code	--	At the bottom of every page
22.1	Date of the competition	M	Standard FIS codex format
22.2	Place of the competition	M	Text
22.3	NOC code of the place	M	Standard IOC NOC code
22.4	FIS codex number	M	Text - codex number: according to latest version of the FIS calendar

OFFICIAL RESULTS
(Name of Event)
LADIES' SUPER-G

JEONGSEON ALPINE CENTRE SAT 17 FEB 2018

Jury			Technical Data	
FIS Technical Delegate	KROGOLL Peter	GER	Course Name	Franz's Super G
Referee	SKAARDAL Atle	FIS	Start Altitude	1425m
Assistant Referee	TISCHHAUSER Jan	FIS	Finish Altitude	825m
Chief of Race	HOLLIDAY Bruce	CAN	Vertical Drop	600m
			Course Length	2005m
			Homologation Number	8652/11/07

Race Information			
Course Setter	KRIECHBAUM Juergen	AUT	
Gates/Turning Gates	41/37		
Start Time	10:00		

Number of Competitors: 53, Number of NOCs: 27, FIS List #, Applied Penalty: 7.77 F = 1080

Rank	Bib	FIS Code	Name	YB	Club	NOC Code	Time	Difference	Distance (m)	Race Points
1	2	55750	FISCHBACHER Andrea	1985		AUT	1:13.59			0.00
2	18	565243	MAZE Tina	1983		SLO	1:13.64	0.05	29.58	0.70
3	5	537544	VONN Lindsey	1984		USA	1:13.86	0.27	34.07	3.78
4	6	296427	SCHNARF Johanna	1984		ITA	1:13.95	0.36	37.81	5.04
5	10	55576	GOERGL Elisabeth	1981		AUT	1:13.99	0.40	43.02	5.60
6	11	515170	STYGER Nadia	1978		SUI	1:14.08	0.49	45.25	6.86
7	9	295533	RECCHIA Lucia	1980		ITA	1:14.28	0.69	56.34	9.66
8	13	206001	RIESCH Maria	1984		GER	1:14.44	0.85	59.04	11.90
9	19	537545	MANCUSO Julia	1984		USA	1:14.73	1.14	59.28	15.96
10	12	195671	JACQUEMOD Ingrid	1978		FRA	1:14.83	1.24	64.17	17.36
11	8	505483	PAERSON Anja	1981		SWE	1:14.84	1.25	64.90	17.50
12	16	515849	DETLING Andrea	1987		SUI	1:14.89	1.30	67.58	18.20
13	30	515766	SUTER Fabienne	1985		SUI	1:14.99	1.40	68.56	19.60
14	15	296472	FANCHINI Elena	1985		ITA	1:15.13	1.54	69.29	21.55
14	14	206175	STECHECHERT Gina	1987		GER	1:15.13	1.54	70.26	21.55
16	24	55947	FENNINGER Anna	1989		AUT	1:15.59	2.00	71.72	23.23
...										

**OFFICIAL RESULTS
ALPINE SKIING
LADIES' SUPER-G**

JEONGSEON ALPINE CENTRE SAT 17 FEB 2018 Start Time 10:00

Rank	Bib	FIS Code	Name	YB	Club	NOC Code	Time	Difference	Distance (m)	Race Points
------	-----	----------	------	----	------	----------	------	------------	--------------	-------------

31	17	106022	JANYK Britt	1980		CAN	1:16.62	3.03	83.01	27.99
...										

DID NOT FINISH: 1 competitor

20	55970	SCHMIDHOFER Nicole	1989		AUT					
----	-------	--------------------	------	--	-----	--	--	--	--	--

DID NOT START: 1 competitor

42	95050	KIRKOVA Maria	1986		BUL					
----	-------	---------------	------	--	-----	--	--	--	--	--

DISQUALIFIED FOR UNSPORTSMANLIKE BEHAVIOUR: 1 competitor

44	565320	FERK Marusa	1988		SLO					
----	--------	-------------	------	--	-----	--	--	--	--	--

Rule 4.2.1

Reason for disqualification:

Use of Prohibited Substances (FIS Anti-Doping Rules - art. 4.2.1)

Forerunners							
A - TROW Andrew	CAN	B - CADMEN Michael	CAN	C - KONANTZ William	CAN		
D - MORRIS Spencer	CAN	E - SWEETE Ford	CAN	F - KWONG Daniel	CAN		

Conditions on course			
SUNNY	Snow: HARD	Temperature - Start: -4.7°C / 24°F	Temperature - Finish: -2.0°C / 28°F

Legend:	
YB	Year of Birth

C73A - Official Results (One Run Events)

Description	Official results list for one run events such as Downhill (including official training) and Super-G
Source	OC Technology
Sort by	For ranked competitors: 1 - Rank 2 - Bib number (descending) For non-ranked competitors: 1 - Event unit (by run and within run DNF, DSQ, NPS, DNS, DQB) 2 - Bib number within each group
Page break	Not controlled
Notes	Note with static text: None
	Note with predefined text: None
	Free text: See Appendix C - Rules for Data Formats and Presentation
Legend	Use the following description for abbreviations which appear in the output: * - Pending Disqualification (applicable for Official Training only) YB - Year of Birth To be displayed at the bottom of the last page.
IRM rules	IRM rules: See Appendix C - Rules for Data Formats and Presentation
Comments	Training results provided the same way, but with both F-factor and points blank (hidden). The Assistant Referee is part of the speed event jury only. The first page should show at least 30 competitors unless this is not possible due to IRMs.

Level	Data Item	M/D	Comments
1	Output title (H1)	M	Text
2	Sport discipline (H2)	M	Text
3	Event/Gender (H3)	M	Standard FIS event name
4	Phase & event unit (H4)	--	NOT APPLICABLE
5	Venue - date - start time - end time (H5)	--	
5.1	Venue name (H5.1)	M	Text
5.2	Event date (H5.2)	M	Date - in the format defined in the OC Look and Feel standard
5.3	Event start time (H5.3)	M	Time - in the format defined in the OC Look and Feel standard
5.4	Event end time (H5.4)	--	NOT APPLICABLE
6	As of date (H6)	--	NOT APPLICABLE
7 (n)	For each jury member	--	
7.1	Function	M	Text
7.2	Family name	M	Text
7.3	Given name	M	Text
7.4	NOC code	M	Standard IOC NOC code or "FIS"
8	Technical data	--	
8.1	Course name	M	Text
8.2	Start altitude	M	Numeric
8.3	Finish altitude	M	Numeric
8.4	Vertical drop	M	Numeric
8.5	Course length	M	Numeric
8.6	Homologation number	M	Numeric
9 (n)	Race information	--	
9.1	Course setter	--	
9.1.1	Family name	M	Text
9.1.2	Given name	M	Text
9.1.3	NOC code	M	Standard IOC NOC code or "FIS"
9.2	Number of gates	M	Numeric
9.3	Number of turning gates	Mc	Numeric - for SG only
9.4	Start time	M	Time - in the format defined in the OC Look and Feel standard
10	F-factor	Mc	Numeric - N/A for training
11	Number of competitors	M	Numeric. Total number of competitors in this event.
12	Number of NOCs	M	Numeric. Total number of NOCs in this event.
13 (n)	For each ranked competitor	--	

Level	Data Item	M/D	Comments
13.1	Rank	M	Numeric
13.2	Mark for potential disqualification	Mc	Code - "" (applicable for Official Training only)
13.3	Bib number	M	Numeric
13.4	FIS code	M	Numeric
13.5	Family name	M	Text
13.6	Given name	M	Text
13.7	Year of birth	M	Year - in the format defined in the OC Look and Feel standard
13.8	NOC code	M	Standard IOC NOC code
13.9	Time	M	Time format
13.10	Time difference	M	Time difference format
13.11	Distance behind (in meters) the leading competitor	M	Numeric, blank for the leader
13.12	Race points	Mc	Race points format - N/A for training
14 (n)	For each non ranked competitor	--	If any
14.1	Subheading	Mc	Text; - "DID NOT FINISH" - "DISQUALIFIED" - "NOT PERMITTED TO START" - "DID NOT START" - "DISQUALIFIED FOR UNSPORTSMANLIKE BEHAVIOUR"
14.2	Number of competitors	M	Numeric
14.3 (n)	For each competitor	--	
14.3.1	Bib number	M	Numeric
14.3.2	FIS code	M	Numeric
14.3.3	Family name	M	Text
14.3.4	Given name	M	Text
14.3.5	Year of birth	M	Year - in the format defined in the OC Look and Feel standard
14.3.6	NOC code	M	Standard IOC NOC code
14.3.7	Disqualified gate number	Mc	Numeric - N/A for DNF, NPS, DNS and DQB
14.3.8	Reference to rule book paragraph number	Mc	Text - N/A for DNF, NPS and DNS
15 (n)	For each disqualification	--	If any. The sort order for reasons for disqualification is the order of appearance.
15.1	Reference to rule book paragraph number	M	Text
15.2	Reason for disqualification	M	Text
16	Forerunners	--	Suppress table if no forerunners
16.1 (1)	For each run	--	
16.1.1	Run number	--	NOT APPLICABLE
16.1.2 (n)	For each forerunner	--	
16.1.2.1	Forerunner number	M	Text. OC will decide what numbers to use (may be 'F1', 'F2', or 'A', 'B' 'C',... or any other scheme)
16.1.2.2	Family name	M	Text
16.1.2.3	Given name	M	Text
16.1.2.4	NOC code	M	Standard IOC NOC code
17	Weather details	--	
17.1 (1)	For each run	--	
17.1.1	Run number	--	NOT APPLICABLE
17.1.2	Weather conditions	M	Text
17.1.3	Snow condition	M	Text
17.1.4	Temperature at start	M	Temperature format
17.1.5	Temperature at finish	M	Temperature format
18	Note with static text	--	NOT APPLICABLE
19 (n)	Note for each predefined text	--	
19.1	Predefined text	--	NOT APPLICABLE
20 (n)	Legend	--	
20.1	Abbreviation	Mc	Code
20.2	Description of abbreviation	Mc	Text

Level	Data Item	M/D	Comments
21	Free text	Ma	Text
22	FIS codex code	--	At the bottom of every page
22.1	Date of the competition	M	Standard FIS codex format
22.2	Place of the competition	M	Text
22.3	NOC code of the place	M	Standard IOC NOC code
22.4	FIS codex number	M	Text - codex number: according to latest version of the FIS calendar

OFFICIAL RESULTS
(Name of Event)
LADIES' ALPINE COMBINED

JEONGSEON ALPINE CENTRE THU 15 FEB 2018

Jury			Technical Data		Downhill	Slalom
FIS Technical Delegate	KROGOLL Peter	GER	Course Name	Franz's Downhill		Franz's Slalom
Referee	SKAARDAL Atle	FIS	Start Altitude	1500m	974m	
Assistant Referee	TISCHHAUSER Jan	FIS	Finish Altitude	825m	805m	
Chief of Race	HOLLIDAY Bruce	CAN	Vertical Drop	675m	169m	
			Course Length	2500m		
			Homologation Number	8651/11/07	9185/03/09	

Race Information Downhill			Race Information Slalom		
Course Setter	TISCHHAUSER Jan	FIS	Course Setter	BERGANT Klemen	SLO
Gates	36		Gates/Turning Gates	55/54	
Start Time	10:00		Start Time	15:00	

Number of Competitors: 45, Number of NAT: 19 FIS List #, Applied Penalty 6.00 F = 1150

Rank	Bib	FIS Code	Name	YB	Club	NAT	Downhill		Slalom		Total	Diff.	Race Points
							Time	Rank	Time	Rank			
1	19	206001	RIESCH Maria	1984		GER	1:24.49	(1)	44.65	(6)	2:09.14		0.00
2	3	537545	MANCUSO Julia	1984		USA	1:24.96	(2)	45.12	(9)	2:10.08	0.94	9.03
3	21	505483	PAERSON Anja	1981		SWE	1:25.57	(5)	44.62	(5)	2:10.19	1.05	10.08
4	20	55838	ZETTEL Kathrin	1986		AUT	1:26.01	(9)	44.49	(3)	2:10.50	1.36	13.06
5	4	565243	MAZE Tina	1983		SLO	1:25.97	(8)	44.56	(4)	2:10.53	1.39	13.35
6	22	515766	SUTER Fabienne	1985		SUI	1:25.29	(3)	45.56	(11)	2:10.85	1.71	16.42
7	12	155415	ZAHROBSKA Sarka	1985		CZE	1:27.33	(16)	43.69	(1)	2:11.02	1.88	18.05
8	8	296427	SCHNARF Johanna	1984		ITA	1:25.72	(7)	45.57	(12)	2:11.29	2.15	20.64
9	17	55759	KIRCHGASSER Michaela	1985		AUT	1:27.09	(14)	44.26	(2)	2:11.35	2.21	21.22
10	9	196460	MARCHAND-ARVIER Marie	1985		FRA	1:25.41	(4)	46.41	(17)	2:11.82	2.68	25.73
11	13	225206	ALCOTT Chemmy	1982		GBR	1:27.06	(13)	45.45	(10)	2:12.51	3.37	32.36
12	26	106666	RUBENS Shona	1986		CAN	1:26.90	(12)	45.68	(13)	2:12.58	3.44	33.03
13	27	425887	LOESETH Mona	1991		NOR	1:27.72	(18)	44.96	(8)	2:12.68	3.54	33.99
14	11	105997	BRYDON Emily	1980		CAN	1:26.49	(11)	46.27	(16)	2:12.76	3.62	34.76
15	14	565320	FERK Marusa	1988		SLO	1:26.15	(10)	46.83	(18)	2:12.98	3.84	36.87
16	15	55947	FENNINGER Anna	1989		AUT	1:27.19	(15)	46.08	(15)	2:13.27	4.13	39.66
17	25	537626	RICHARDSON Kaylin	1984		USA	1:27.64	(17)	45.76	(14)	2:13.40	4.26	40.90
...													

OFFICIAL RESULTS
(Name of Event)
LADIES' ALPINE COMBINED

JEONGSEON ALPINE CENTRE THU 15 FEB 2018

Rank	Bib	FIS Code	Name	YB	Club	NAT	Downhill		Slalom		Total	Diff.	Race Points
							Time	Rank	Time	Rank			

31	16	55576	GOERGL Elisabeth	1981		AUT	1:29.64	(19)	44.77	(7)	2:14.41	5.27	42.63
32	2	375018	COLETTI Alexandra	1983		MON	1:25.60	(6)	48.98	(19)	2:14.58	5.44	44.84
...													

DID NOT FINISH SLALOM: 1 competitor

18 537544 VONN Lindsey 1984 USA

DISQUALIFIED SLALOM: 1 competitor

31 35079 SIMARI BIRKNER Maria 1982 ARG Gate 6 Rule 630.1.6

DID NOT START SLALOM: 1 competitor

10 206175 STECHERT Gina 1987 GER

DID NOT FINISH DOWNHILL: 3 competitors

1 515806 KAMER Nadja 1986 SUI
6 485563 PROSTEVA Elena 1990 RUS
7 296008 MERIGHETTI Daniela 1981 ITA

DISQUALIFIED DOWNHILL: 1 competitor

33 105920 SIMMERLING Georgia 1989 CAN Gate 56 Rule 629.3

Reason for disqualification:

629.3 Did not pass through a gate correctly (art. 661.4)

630.1.6 Failed to cross the gate lines between the poles of the gates with both ski tips and both feet.

Forerunners							
Downhill:	A - KONANTZ William	CAN	B - MORRIS Spencer	CAN	C - TAFEL Tristan	CAN	
	D - MACLEAN Benjamin	CAN	E - LEDUC Mathew	CAN	F - PHILPS Trevor	CAN	
Slalom:	A - LEDUC Mathew	CAN	B - PHILPS Trevor	CAN	C - MACLEAN Benjamin	CAN	
	D - YUMOTO Hiromi	JPN					

Conditions on course			
Downhill: SUNNY	Snow: HARD	Temperature - Start: -4.7°C / 24°F	Temperature - Finish: -2.0°C / 28°F
Slalom: CLOUDY	Snow: HARD	Temperature - Start: 3.1°C / 38°F	Temperature - Finish: 6.1°C / 43°F

Legend:	
YB	Year of Birth

C73E - Official Results (Alpine Combined)

Description	Official results list for the Alpine Combined event (used for run 2, for either Downhill (exceptional case: Super-G) or Slalom depending on the run order)
Source	OC Technology
Sort by	For ranked competitors: 1 - Rank 2 - Bib number (descending) For non-ranked competitors: 1 - Event unit (by run and within run DNF, DSQ, NPS, DNS, DQB) 2 - Bib number within each group
Page break	Not controlled
Notes	Note with static text: None
	Note with predefined text: None
	Free text: See Appendix C - Rules for Data Formats and Presentation
Legend	Use the following description for abbreviations which appear in the output: YB - Year of Birth
	To be displayed at the bottom of the last page.
IRM rules	See Appendix C - Rules for Data Formats and Presentation
Comments	The column headings for level 17.8 to 17.11 should be chosen for the possible cases of AC, e.g. "Slalom", "Downhill" (exceptional case: "Super-G") if run in reverse order, etc. Order of events in technical data and course information should follow the order of runs (DH/SL or SL/DH, exceptional case: SG/SL or SL/SG). The Assistant Referee is part of the speed event jury only (also AC). The first page should show at least 30 competitors unless this is not possible due to IRMs.

Level	Data Item	M/D	Comments
1	Output title (H1)	M	Text
2	Sport discipline (H2)	M	Text
3	Event/Gender (H3)	M	Standard FIS event name
4	Phase & event unit (H4)	--	NOT APPLICABLE
5	Venue - date - start time - end time (H5)	--	
5.1	Venue name (H5.1)	M	Text
5.2	Event date (H5.2)	M	Date - in the format defined in the OC Look and Feel standard
5.3	Event start time (H5.3)	--	NOT APPLICABLE
5.4	Event end time (H5.4)	--	NOT APPLICABLE
6	As of date (H6)	--	NOT APPLICABLE
7 (n)	For each jury member	--	
7.1	Function	M	Text
7.2	Family name	M	Text
7.3	Given name	M	Text
7.4	NOC code	M	Standard IOC NOC code or "FIS"
8 (2)	Technical data for each run	--	In order or runs, adjust column title accordingly
8.1	Course name	M	Text
8.2	Start altitude	M	Numeric
8.3	Finish altitude	M	Numeric
8.4	Vertical drop	M	Numeric
8.5	Course length	Mc	Numeric. Only used for AC DH.
8.6	Homologation number	M	Numeric
9 (2)	Race information for each run	--	In order of runs, adjust column title accordingly
9.1	Course setter	--	
9.1.1	Family name	M	Text
9.1.2	Given name	M	Text
9.1.3	NOC code	M	Standard IOC NOC code or "FIS"
9.2	Number of gates	M	Numeric
9.3	Number of turning gates	Mc	Numeric - for ACSL
9.4	Start time	M	Time - in the format defined in the OC Look and Feel standard
10	F-factor	M	Numeric

Level	Data Item	M/D	Comments
11	Number of competitors	M	Numeric. Total number of competitors in this event.
12	Number of NOCs	M	Numeric. Total number of NOCs in this event.
13 (n)	For each ranked competitor	--	
13.1	Rank	M	Numeric
13.2	Bib number	M	Numeric
13.3	FIS code	M	Numeric
13.4	Family name	M	Text
13.5	Given name	M	Text
13.6	Year of birth	M	Year - in the format defined in the OC Look and Feel standard
13.7	NOC code	M	Standard IOC NOC code
13.8	Time of run 1	M	Time format
13.9	Rank of run 1	M	Numeric
13.10	Time of run 2	M	Time format
13.11	Rank of run 2	M	Numeric
13.12	Total time	M	Time format
13.13	Time difference from the leading competitor	M	Time difference format
13.14	Race points	M	Race points format
14 (n)	For each non ranked competitors	--	If any
14.1	Subheading	Mc	Text; - "DID NOT FINISH x" - "DISQUALIFIED x" - "NOT PERMITTED TO START x" - "DID NOT START x" - "DISQUALIFIED FOR UNSPORTSMANLIKE BEHAVIOUR", where "x" is "DOWNHILL" (exceptional case: "SUPER-G") or "SLALOM"
14.2	Number of competitors	M	Numeric
14.3 (n)	For each competitor	--	
14.3.1	Bib number	M	Numeric
14.3.2	FIS code	M	Numeric
14.3.3	Family name	M	Text
14.3.4	Given name	M	Text
14.3.5	Year of birth	M	Year - in the format defined in the OC Look and Feel standard
14.3.6	NOC code	M	Standard IOC NOC code
14.3.7	Disqualified gate number	Mc	Numeric - N/A for DNF, NPS, DNS and DQB
14.3.8	Reference to rule book paragraph number	Mc	Text - N/A for DNF, NPS and DNS
15 (n)	For each disqualification	--	If any. The sort order for reasons for disqualification is the order of appearance.
15.1	Reference to rule book paragraph number	M	Text
15.2	Reason for disqualification	M	Text
16	Forerunners	--	Suppress table if no forerunners
16.1 (2)	For each run	--	
16.1.1	Run number	M	Text. "Downhill" (exceptionally "Super-G") or "Slalom".
16.1.2 (n)	For each forerunner	--	
16.1.2.1	Forerunner number	M	Text. OC will decide what numbers to use (may be 'F1', 'F2', or 'A', 'B' 'C',... or any other scheme)
16.1.2.2	Family name	M	Text
16.1.2.3	Given name	M	Text
16.1.2.4	NOC code	M	Standard IOC NOC code
17	Weather details	--	
17.1 (2)	For each run	--	
17.1.1	Run number	M	Text. "Downhill" (exceptionally "Super-G") or "Slalom".
17.1.2	Weather conditions	M	Text

Level	Data Item	M/D	Comments
17.1.3	Snow condition	M	Text
17.1.4	Temperature at start	M	Temperature format
17.1.5	Temperature at finish	M	Temperature format
18	Note with static text	--	NOT APPLICABLE
19 (n)	Note for each predefined text	--	
19.1	Predefined text	--	NOT APPLICABLE
20 (n)	Legend	--	
20.1	Abbreviation	Mc	Code
20.2	Description of abbreviation	Mc	Text
21	Free text	Ma	Text
22	FIS codex code	--	At the bottom of every page
22.1	Date of the competition	M	Standard FIS codex format
22.2	Place of the competition	M	Text
22.3	NOC code of the place	M	Standard IOC NOC code
22.4	FIS codex number	M	Text - codex number: according to latest version of the FIS calendar