EXPLANATION OF THE FIS DATA EXCHANGE XML PROTOCOL

This document provides an explanation of the protocol used for the FIS Data Exchange for results and standings.

FISRESULTS
The general term for the results of all FIS competitions

RACEHEADER
Information to define each event. The following information is applicable to all sectors (FIS disciplines). Each sector then has a specific race header with further technical data.

Sector
Definition of the sector (FIS discipline): AL (Alpine), CC (Cross-Country), JP (Ski Jumping), NK (Nordic Combined), FS (Freestyle), SB (Snowboard), SS (Speed Skiing), GS (Grass Skiing, TM (Telemark)

Sex
M = Men
L = Ladies

Season
2001 = season July 2000 – April 2001
2000 = season July 1999 – April 2000
etc.

Codex
The unique identification number for each competition with the sector (latest details can be found in the calendar section of the FIS website)

Nation
The three letter FIS code for the organising nation (see table)

Discipline
The respective discipline to the sector (see attachment)
**Category**
The FIS abbreviation for the category of competition specific to the sector (see table): Example for all sectors: WC (World Cup), WSC (World Ski Championships), FIS (FIS race)

**Racedate**
Date of competition

**Day**
Day in numerical form: 01, 11, 21, etc.

**Month**
Month in numerical form: 01, 02, 03, etc.

**Year**
Year in four digit numerical form: 2000, 2001, 2002, etc.

**Eventname**
Name of Event as published in FIS calendar
Example: Regional Winter Series

**Place**
The resort, town, etc.
Example: Oberhofen

**TD**
Details of the Technical Delegate(s)

<table>
<thead>
<tr>
<th>Function</th>
<th>Tdnumber</th>
<th>Tlastname</th>
<th>Tdfirstname</th>
<th>Tdnation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Delegate or Assistant</td>
<td>Td’s ID number</td>
<td>LAST NAME</td>
<td>First name</td>
<td>Td’s nation using FIS abbreviation</td>
</tr>
<tr>
<td>or Assistant</td>
<td>Td’s ID number</td>
<td>LAST NAME</td>
<td>First name</td>
<td>Td’s nation using FIS abbreviation</td>
</tr>
</tbody>
</table>
**AL_RACE**
Specific technical data about each race:

### Jury
Details about the competition Jury

<table>
<thead>
<tr>
<th>Function</th>
<th>Juryletname</th>
<th>Jurynation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chiefrace</td>
<td>LAST NAME</td>
<td>Nation using FIS abbreviation</td>
</tr>
<tr>
<td>Referee</td>
<td>LAST NAME</td>
<td>Nation using FIS abbreviation</td>
</tr>
<tr>
<td>Assistantreferee</td>
<td>LAST NAME</td>
<td>Nation using FIS abbreviation</td>
</tr>
</tbody>
</table>

### Course
Details about the competition course

<table>
<thead>
<tr>
<th>Run</th>
<th>Homologation</th>
<th>Starttime</th>
<th>Gates</th>
<th>Turninggates</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 (first)</td>
<td>published homologation no.</td>
<td>09H30</td>
<td>number of gates</td>
<td>number of turns</td>
</tr>
<tr>
<td>2 (second)</td>
<td>published homologation no.</td>
<td>13H30</td>
<td>number of gates</td>
<td>number of turns</td>
</tr>
</tbody>
</table>

### Snow
Description of snow conditions

### Weather
Description of weather conditions

### Temperature at start
Temperature at start elevation of race in numerical form in centigrade

### Temperature at finish
Temperature at finish elevation of race in numerical form in centigrade

### Timing by
Name of timing company

### Dataprocessing by
Name of data processing company

### Used FIS list
FIS list number which is used for the preparation of the start list and the for calculation of FIS point penalty based on the results
**Applied penalty**
Penalty of race which is applied. This may differ from the calculated penalty in case the calculated penalty is lower than the minimum allowed for the category of competition or above the maximum for the category of competition.

**Calculated penalty**
Penalty of race which is calculated

**Fvalue**
Valid F value for the discipline: (2000-2002: DH 1280, SL 570, GS 830, SG 1030)

**AL_classified**
All competitors who are classified in the competition

**AL_ranked**
Details of each competitor’s results:

**Status**
Defines the status for each competitor: QLF = completed the race

**Rank**
The competitor’s position in the race

**Bib**
The competitor’s starting bib from the first run

**Fiscode**
The competitor’s personal and unique FIS code. Every competitor must have a valid FIS code to participate in a FIS race. This code is published on the FIS list, or in exceptional cases between the publication of lists may have been provided to the TD or Organisers by the FIS Office in writing.

**Lastname**
The competitor’s last name as it appears on the FIS list

**Firstname**
The competitor’s first name as it appears on the FIS list

**Sex**
M = Men
L = Ladies
Nation
The competitor’s nation using the FIS abbreviation

Yearofbirth
The competitor’s year of birth as it appears on the FIS list

AL_result
Timerun1   Time of 1\textsuperscript{st} run (M:SS:TH - Minutes:Seconds.Tenths Hundredths)
Timerun2   Time of 2\textsuperscript{nd} run
Totaltime  Total time of race
Racepoints Race (FIS) points

AL_notclassified
All competitors who are not classified in the competition

AL_notranked
Details of each competitor who is not classified:

= Status
DNS = Did not start, DNS = Did not start, DSQ = Disqualified, DNF = Did not finish, DNQ = Did not qualify

Run
Run where the fault was made (1 or 2)

Bib etc.
See above

Gate
Gate number where the infraction took place, or reference to ICR rule number for other disqualification offence
Specific technical data about each race:

SB_raceinfo

Usedfislist
FIS list number which is used for the preparation of the start list and the for calculation of FIS point penalty based on the results

Appliedscale
Applied FIS points scale valid applicable for FIS points calculation

DisciplineforFISpoints
Discipline belonging to FIS points list (2000/2001: GS List = GS, SG; SL List = SL, PSL; PGS List = PGS; HP List = HP; SBX List = SBX)

SB_classified
All competitors who are classified in the competition

SB_ranked
Details of each competitor’s results:

Status
Defines the status for each competitor: QLF = completed the race

Rank
The competitor’s position in the race

Bib
The competitor’s starting bib from the first run

Fiscode
The competitor’s personal and unique FIS code. Every competitor must have a valid FIS code to participate in a FIS race. This code is published on the FIS list, or in exceptional cases between the publication of lists may have been provided to the TD or Organisers by the FIS Office in writing.

Lastname
The competitor’s last name as it appears on the FIS list

Firstname
The competitor’s first name as it appears on the FIS list
Sex
M = Men
L = Ladies

Nation
The competitor’s nation using the FIS abbreviation

Yearofbirth
The competitor’s year of birth as it appears on the FIS list

SB_result
Totaltime  Total time of race
Racepoints  Race (FIS) points
Level  Round reached (Final, 3/4 final, semi-final, top 8, top 16, top 32)

SB_notclassified
All competitors who are not classified in the competition

SB_notranked
Details of each competitor who is not classified:

= Status
DNS = Did not start, DNS = Did not start, DSQ = Disqualified, DNF = Did not finish, DNQ = Did not qualify

Bib etc.
See above

Reason
Reference to ICR rule number for disqualification offence
CC_RACE

CC_raceinfo
Specific technical data about each race:

Usedfislist
FIS list number which is used for the preparation of the start list and the for calculation of FIS point penalty based on the results

Appliedpenalty
Penalty of race which is applied. This may differ from the calculated penalty in case the calculated penalty is lower than the minimum allowed for the category of competition or above the maximum for the category of competition

Calculatedpenalty
Penalty of race which is calculated

Fvalue
Valid F value for the discipline: Interval Start = 800, SP (Sprint) / Pursuit with break = 1200, MS (Mass Start) / Pursuit without break = 1400

CC_classified
All competitors who are classified in the competition

CC_ranked
Details of each competitor’s results:

Status
Defines the status for each competitor: QLF = completed the race

Rank
The competitor’s position in the race

Bib
The competitor’s starting bib from the first run

Fiscode
The competitor’s personal and unique FIS code. Every competitor must have a valid FIS code to participate in a FIS race. This code is published on the FIS list, or in exceptional cases between the publication of lists may have been provided to the TD or Organisers by the FIS Office in writing.

Lastname
The competitor’s last name as it appears on the FIS list
Firstname
The competitor’s first name as it appears on the FIS list

Sex
M = Men
L = Ladies

Nation
The competitor’s nation using the FIS abbreviation

Yearofbirth
The competitor’s year of birth as it appears on the FIS list

CC_result
Totaltime    Total time of race
Racepoints  Race (FIS) points
Level       Round reached (Final, 3/4 final, semi-final, top 8, top 16, top 32)

CC_notclassified
All competitors who are not classified in the competition

CC_notranked
Details of each competitor who is not classified:

= Status
DNS = Did not start, DNS = Did not start, DSQ = Disqualified, DNF = Did not finish, DNQ = Did not qualify

Bib etc.
See above

Reason
Reference to ICR rule number for disqualification offence
JP_RACE

JP_raceinfo
Specific technical data about each race:

Hill
Type of Hill (NH: Normal Hill, LH: Large Hill, FH: Flying Hill)

Plastic
Yes
No

JP_classified
All competitors who are classified in the competition

JP_ranked
Details of each competitor’s results:

Status
Defines the status for each competitor: QLF = completed the race

Rank
The competitor’s position in the race

Bib
The competitor’s starting bib from the first run

Fiscode
The competitor’s personal and unique FIS code. Every competitor must have a valid FIS code to participate in a FIS race. This code is published on the FIS list, or in exceptional cases between the publication of lists may have been provided to the TD or Organisers by the FIS Office in writing.

Lastname
The competitor’s last name as it appears on the FIS list

Firstname
The competitor’s first name as it appears on the FIS list

Sex
M = Men
L = Ladies
**Nation**
The competitor’s nation using the FIS abbreviation

**Yearofbirth**
The competitor’s year of birth as it appears on the FIS list

**JP_result**
**Pointsdescend**
Total points for the competition (in descending order, highest points are best)

**Level**
Round reached (Final, 3/4 final, semi-final, top 8, top 16, top 32)

**JP_notclassified**
All competitors who are not classified in the competition

**JP_notranked**
Details of each competitor who is not classified:

- **Status**
  - DNS = Did not start
  - DSQ = Disqualified
  - DNF = Did not finish
  - DNQ = Did not qualify

- **Bib etc.**
  See above

**Reason**
Reference to ICR rule number for disqualification offence
NK_RACE

NK_raceinfo
Specific technical data about each race:

Hill
Type of Hill (NH: Normal Hill, LH: Large Hill, FH: Flying Hill)

Plastic
Yes
No

NK_classified
All competitors who are classified in the competition

NK_ranked
Details of each competitor’s results:

Status
Defines the status for each competitor: QLF = completed the race

Rank
The competitor’s position in the race

Bib
The competitor’s starting bib from the first run

Fiscode
The competitor’s personal and unique FIS code. Every competitor must have a valid FIS code to participate in a FIS race. This code is published on the FIS list, or in exceptional cases between the publication of lists may have been provided to the TD or Organisers by the FIS Office in writing.

Lastname
The competitor’s last name as it appears on the FIS list

Firstname
The competitor’s first name as it appears on the FIS list

Sex
M = Men
L = Ladies
**Nation**
The competitor’s nation using the FIS abbreviation

**Yearofbirth**
The competitor’s year of birth as it appears on the FIS list

**NK_result**
- **Totaltime**: Total time of race
- **Pointsdescend**: Total points for the competition (in descending order, highest points are best)
- **Level**: Round reached (Final, 3/4 final, semi-final, top 8, top 16, top 32)

**NK_notclassified**
All competitors who are not classified in the competition

**NK_notranked**
Details of each competitor who is not classified:

- **Status**
  - DNS = Did not start, DNS = Did not start, DSQ = Disqualified, DNF = Did not finish, DNQ = Did not qualify

- **Bib etc.**
  See above

- **Reason**
  Reference to ICR rule number for disqualification offence
**FS_RACE**

**FS_raceinfo**
Specific technical data about each race:

**Level**
Qualification or Final (qualification results will not be loaded into the database, only the pdf files should be transmitted)

**FS_classified**
All competitors who are classified in the competition

**FS_ranked**
Details of each competitor’s results:

**Status**
Defines the status for each competitor: QLF = completed the race

**Rank**
The competitor’s position in the race

**Bib**
The competitor’s starting bib from the first run

**Fiscode**
The competitor’s personal and unique FIS code. Every competitor must have a valid FIS code to participate in a FIS race. This code is published on the FIS list, or in exceptional cases between the publication of lists may have been provided to the TD or Organisers by the FIS Office in writing.

**Lastname**
The competitor’s last name as it appears on the FIS list

**Firstname**
The competitor’s first name as it appears on the FIS list

**Sex**
M = Men
L = Ladies

**Nation**
The competitor’s nation using the FIS abbreviation
Year of birth
The competitor’s year of birth as it appears on the FIS list

FS_result
Points descend Total points for the competition (in descending order, highest points are best)

Cup points Points valid for the Cup Standings (World Cup, Europa Cup etc)

Level Round reached (Final, 3/4 Final, semi-final, top 8, top 16, top 32)

FS_notclassified
All competitors who are not classified in the competition

FS_notranked
Details of each competitor who is not classified:

= Status
DNS = Did not start, DNS = Did not start, DSQ = Disqualified, DNF = Did not finish, DNQ = Did not qualify

Bib etc.
See above

Reason
Reference to ICR rule number for disqualification offence
CUP
Valid for the calculation of the Cup Standings

CUPinfo
Specific information about the Cup Standings

Sector
Definition of the sector (FIS discipline): AL (Alpine), CC (Cross-Country), JP (Ski Jumping), NK (Nordic Combined), FS (Freestyle), SB (Snowboard), SS (Speed Skiing), GS (Grass Skiing, TM (Telemark)

CUPid
The identification of the specific Cup (World Cup, World Cup B, Continental Cup, Europa Cup, 4 Hills, etc.)

Discipline
The respective discipline to the sector (see attachment)

Standingdate
Date of validity of standings
Day
Day in numerical form: 01, 11, 21, etc.
Month
Month in numerical form: 01, 02, 03, etc.
Year
Year in four digit numerical form: 2000, 2001, 2002, etc.

CUPclassified
All competitors who are classified in the Cup Standings

CUPstandings
Details of each competitor’s rank:

Rank
The competitor’s position in the race

Fiscode
The competitor’s personal and unique FIS code. Every competitor must have a valid FIS code to participate in a FIS race. This code is published on the FIS list, or in exceptional cases between the publication of lists may have been provided to the TD or Organisers by the FIS Office in writing.

Lastname
The competitor’s last name as it appears on the FIS list
**Firstname**
The competitor’s first name as it appears on the FIS list

**Sex**
M = Men  
L = Ladies

**Nation**
The competitor’s nation using the FIS abbreviation

**Yearofbirth**
The competitor’s year of birth as it appears on the FIS list

**Pointsdescend**  
Total points for the competition (in descending order, highest points are best)
<?xml version="1.0" encoding="UTF-8"?>

<!ELEMENT Fisresults (Raceheader, AL_race, SB_race, CC_race, JP_race, NK_race, FS_race, CUP)>
<!ELEMENT Raceheader (Season, Codex, Nation, Discipline, Category, Racedate, Eventname, Place, TD+)>
<!ATTLIST Raceheader
Sector (CC | JP | NK | AL | FS | SB | SS | GS | TM | FG) #REQUIRED
Sex (M | L) #REQUIRED
>
<!-- Alpine results -->
<!ELEMENT AL_race (Jury+, Course+, AL_raceinfo, AL_classified, AL_notclassified)>
<!ELEMENT AL_raceinfo (Snow, Weather, Temperatureatstart, Temperatureatfinish, Timingby, Dataprocessingby, Usedfislist, Appliedpenalty, Calculatedpenalty, Fvalue)>
<!ELEMENT AL_classified (AL_ranked+)>
<!ELEMENT AL_ranked (Rank, Bib, Competitor, AL_result)>
<!ATTLIST AL_ranked Status (QLF) #REQUIRED
>
<!ELEMENT AL_notclassified (AL_notranked+)>
<!ELEMENT AL_notranked (Run, Bib, Competitor, Gate)>
<!ATTLIST AL_notranked Status (DNS | DNF | DSQ | DNQ) #REQUIRED
>
<!-- End of alpine definition -->

<!-- Cross country results -->
<!ELEMENT CC_race (CC_raceinfo, CC_classified, CC_notclassified)>
<!ELEMENT CC_raceinfo (Usedfislist, Appliedpenalty, Calculatedpenalty, Fvalue)>
<!ELEMENT CC_classified (CC_ranked+)>
<!ELEMENT CC_ranked (Rank, Bib, Competitor, AL_result)>
<!ATTLIST CC_ranked Status (QLF) #REQUIRED
>
<!ELEMENT CC_notclassified (CC_notranked+)>
<!ELEMENT CC_notranked (Bib, Competitor, Reason)>
<!ATTLIST CC_notranked Status (DNS | DNF | DSQ | DNQ) #REQUIRED
>
<!-- End of cross country definition -->

<!-- Jump results -->
<!ELEMENT JP_raceinfo (Hill, Plastic)>
<!ELEMENT JP_classified (JP_ranked+)>
<!ELEMENT JP_ranked (Rank, Bib, Competitor, JP_result)>
<!ATTLIST JP_ranked Status (QLF) #REQUIRED
>
<!ELEMENT JP_notclassified (JP_notranked+)>
<!ELEMENT JP_notranked (Bib, Competitor, Reason)>
<!ATTLIST JP_notranked Status (DNS | DNF | DSQ | DNQ) #REQUIRED
>
<!-- End of Jump definition -->

<!-- Nordic combined -->
<!ELEMENT NK_race (NK_raceinfo, NK_classified, NK_notclassified)>
<!ELEMENT NK_raceinfo (Hill, Plastic)>
<!ELEMENT NK_classified (NK_ranked+)>
<!ELEMENT NK_ranked (Rank, Bib, Competitor, NK_result)>
<!ATTLIST NK_ranked Status (QLF) #REQUIRED
>
<!ELEMENT NK_notclassified (NK_notranked+)>
<!ELEMENT NK_notranked (Bib, Competitor, Reason)>

THE DTD FILE
<!ATTLIST NK_notranked
  Status (DNS | DNF | DSQ | DNQ) #REQUIRED
>
<!-- End of Nordic combine -->
<!-- Freestyle -->
<ELEMENT FS_race (FS_raceinfo, FS_classified, FS_notclassified)>
<ELEMENT FS_raceinfo (Level)>
<ELEMENT FS_classified (FS_ranked+)>
<ELEMENT FS_ranked (Rank, Bib, Competitor, FS_result)>
<ATTLIST FS_ranked
  Status (QLF) #REQUIRED
>
<ELEMENT FS_notclassified (FS_notranked+)>
<ELEMENT FS_notranked (Bib, Competitor, Reason)>
<ATTLIST FS_notranked
  Status (DNS | DNF | DSQ | DNQ) #REQUIRED
>
<!-- End of Freestyle -->
<!-- Snowboard -->
<ELEMENT SB_race (SB_raceinfo, SB_classified, SB_notclassified)>
<ELEMENT SB_raceinfo (Usedfislist, Appliedscale, DisciplineforFispoints)>
<ELEMENT SB_classified (SB_ranked+)>
<ELEMENT SB_ranked (Rank, Bib, Competitor, SB_result)>
<ATTLIST SB_ranked
  Status (QLF) #REQUIRED
>
<ELEMENT SB_notclassified (SB_notranked+)>
<ELEMENT SB_notranked (Run, Bib, Competitor, Reason)>
<ATTLIST SB_notranked
  Status (DNS | DNF | DSQ | DNQ) #REQUIRED
>
<!-- End of Snowboard -->
<!-- Cups standings -->
<ELEMENT CUP (CUPinfo, CUPclassified)>
<ELEMENT CUPinfo (CUPid, Discipline, Standingdate)>
<ATTLIST CUPinfo
  Sector (CC | JP | NK | AL | FS | SB | SS | GS | TM | FG) #REQUIRED
>
<ELEMENT CUPclassified (CUPstandings+)>
<ELEMENT CUPstandings (Rank, Competitor, Pointsdescend)>
<!-- End of cup -->
<ELEMENT Run (#PCDATA)>
<ELEMENT Appliedpenalty (#PCDATA)>
<ELEMENT Appliedscale (#PCDATA)>
<!-- competitor informations ******************************************** -->
<ELEMENT Bib (#PCDATA)>
<ELEMENT Competitor (Fiscode, Lastname, Firstname, Sex, Nation, Yearofbirth)>
<ELEMENT Fiscode (#PCDATA)>
<ELEMENT Lastname (#PCDATA)>
<ELEMENT Firstname (#PCDATA)>
<ELEMENT Sex (#PCDATA)>
<ATTLIST Sex
  Sex (M | L) #REQUIRED
>
<ELEMENT Nation (#PCDATA)>
<ELEMENT Yearofbirth (#PCDATA)>
<!-- *********************************************************************** -->
<ELEMENT Calculatedpenalty (#PCDATA)>
<ELEMENT Category (#PCDATA)>
<ELEMENT Course (Homologation, Starttime, Gates, Turnniggates)>
<ATTLIST Course
  Run (1 | 2) #REQUIRED
>
<ELEMENT Dataprocessingby (#PCDATA)>
<ELEMENT Day (#PCDATA)>
<ELEMENT Discipline (#PCDATA)>

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<?xml version="1.0" encoding="UTF-8"?>

<!DOCTYPE Fisresults SYSTEM "D:\Afis\xml\prepxml\fisdtd.dtd">

<Fisresults>
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    <Codex>0123</Codex>
    <Nation>SUI</Nation>
    <Discipline>GS</Discipline>
    <Category>FIS</Category>
    <Racedate> <Day>31</Day> <Month>12</Month> <Year>2000</Year> </Racedate>
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    <Place>Bern</Place>
    <TD Function="Delegate">
      <Tdnumber>325</Tdnumber>
      <Tdlastname>ANDRE</Tdlastname>
      <Tdfirstname>Dominique</Tdfirstname>
      <Tdnation>FRA</Tdnation>
    </TD>
  </Raceheader>
  <AL_race>
    <Jury Function="Chiefrace">
      <Jurylastname>MUELLER</Jurylastname>
      <Juryfirstname>Giannin</Juryfirstname>
      <Jurynation>SUI</Jurynation>
    </Jury>
    <Jury Function="Referee">
      <Jurylastname>WAGNER</Jurylastname>
      <Juryfirstname>Franz</Juryfirstname>
      <Jurynation>GER</Jurynation>
    </Jury>
    <Course Run="1">
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      <Starttime>10:30</Starttime>
      <Gates>35</Gates>
      <Turninggates>30</Turninggates>
    </Course>
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      <Weather>Cloudy</Weather>
      <Temperatureatstart>8</Temperatureatstart>
      <Temperatureatfinish>-2</Temperatureatfinish>
      <Timingby>SWISS TIMING</Timingby>
      <Dataprocessingby>WIDGE-MIC</Dataprocessingby>
      <Usedfislist>6</Usedfislist>
      <Appliedpenalty>5</Appliedpenalty>
      <Calculatedpenalty>3</Calculatedpenalty>
      <Fvalue>1030</Fvalue>
    </AL_raceinfo>
  </AL_race>
  <AL_classified>
    <Rank>1</Rank>
    <Bib>12</Bib>
    <Competitor>
      <Fiscode>588957</Fiscode>
    </Competitor>
  </AL_classified>
</Fisresults>
<Lastname>MEYER</Lastname>
<Firstname>Fritz</Firstname>
<Sex>M</Sex>
<Nation>BUL</Nation>
<Yearofbirth>80</Yearofbirth>

</Competitor>

<AL_result>
<Timerun1>1:02.25</Timerun1>
<Timerun2/>
>Totaltime>1:02.25</Totaltime>
<Racepoints>0.0</Racepoints>
</AL_result>

</AL_ranked>

<AL_notclassified>
<AL_notranked Status="DSQ">
<Run>1</Run>
<Bib>24</Bib>
</Competitor>

</AL_notranked>

</AL_notclassified>

</Fisresults>
<table>
<thead>
<tr>
<th>DISCIPLINES CODES</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ALPINE</strong></td>
</tr>
<tr>
<td>DH  Downhill</td>
</tr>
<tr>
<td>SL  Slalom</td>
</tr>
<tr>
<td>GS  Giant Slalom</td>
</tr>
<tr>
<td>SG  Super G</td>
</tr>
<tr>
<td>P   Parallel</td>
</tr>
<tr>
<td>K   Combined</td>
</tr>
<tr>
<td>CAR Carving</td>
</tr>
<tr>
<td>T   Team</td>
</tr>
<tr>
<td><strong>CROSS-COUNTRY</strong></td>
</tr>
<tr>
<td>PUR Pursuit</td>
</tr>
<tr>
<td>SP  Sprint</td>
</tr>
<tr>
<td>TE  Team Relay</td>
</tr>
<tr>
<td>5k,10k...Interval Start</td>
</tr>
<tr>
<td>MS  Mass Start</td>
</tr>
<tr>
<td><strong>FREE STYLE</strong></td>
</tr>
<tr>
<td>MO  Moguls</td>
</tr>
<tr>
<td>DM  Dual moguls</td>
</tr>
<tr>
<td>AC  Acro</td>
</tr>
<tr>
<td>AE  Aerials</td>
</tr>
<tr>
<td>BA  Ballet</td>
</tr>
<tr>
<td>CO  Combined</td>
</tr>
<tr>
<td>NS  New Style</td>
</tr>
<tr>
<td><strong>JUMPING</strong></td>
</tr>
<tr>
<td>NH  Normal Hill</td>
</tr>
<tr>
<td>LH  Large Hill</td>
</tr>
<tr>
<td>FH  Flying Hill</td>
</tr>
<tr>
<td>TN  Team Normal H.</td>
</tr>
<tr>
<td>TL  Team Large Hill</td>
</tr>
<tr>
<td>TF  Team Flying H.</td>
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<tr>
<td><strong>NORDIC COMBINED</strong></td>
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<tr>
<td>TE  Team</td>
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<tr>
<td>SP  Sprint</td>
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<tr>
<td>MS  Ind Mass Start</td>
</tr>
<tr>
<td>GU  Ind. Gundersen</td>
</tr>
<tr>
<td><strong>SNOWBOARD</strong></td>
</tr>
<tr>
<td>GS  Giant Slalom</td>
</tr>
<tr>
<td>HP  Half Pipe</td>
</tr>
<tr>
<td>Code</td>
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