



Explanation of the FIS Data Exchange XML Protocol Nordic Combined

Document

Nordic Combined Result XML Description

Version

2.17

Date

2026-09-14

Author

FIS IT

Table of Contents

1. General	6
1.1 XML result transmission	6
1.2 Support	6
2. Structure of XML	7
2.1 <Fisresults>	7
2.2 <Raceheader>	8
2.2.1 <Racedate>	9
2.3 <NK_Race>	10
2.3.1 <NK_raceinfo_jp>	11
2.3.2 <NK_raceinfo_cc>	15
2.3.3 <Jury>	17
2.3.4 <Member>	18
2.3.5 <Judges>	18
2.3.6 <Runinfo>	19
2.3.7 <Course> (Cross-Country)	20
2.3.8 <Intermediate>	20
2.3.9 <Weather>	21
2.3.10 <Statistics> (Ski jumping)	22
2.3.11 <Group>	22
2.3.12 <Stats>	23
2.3.13 <Distance>	23
2.3.14 <Speed>	23
2.3.15 <Base>	23
2.3.16 <Instartlist>	24
2.3.17 <Started>	24
2.3.18 <Withresults>	24

2.3.19	<Statistics> (Cross-Country)	24
2.3.20	<Entries> , <Ranked> , <DSQ> , <DQB> , <DNS> , <DNF> , <NPS> , <LAP>	25
3.	Result for individual competition	26
3.1	<NK_classified>	26
3.2	<NK_ranked>	27
3.3	<Competitor>	28
3.4	<NK_result>	28
3.5	<NK_resultdetail>	29
3.6	<Jump>	30
3.7	<Judgesmarks>	30
3.8	<Race>	31
3.9	<Intermediate>	32
3.10	<NK_notclassified>	32
3.11	<NK_notranked>	33
3.12	<Competitor>	34
3.13	<NK_resultdetail>	34
3.14	<Jump>	35
3.15	<Judgesmarks>	36
3.16	<Race>	36
3.17	<Intermediate>	37
4.	Result for team competition	38
4.1	<NK_classified>	38
4.2	<NK_ranked>	39
4.3	<Team>	40
4.4	<NK_result>	40
4.5	<NK_resultdetail>	40
4.6	<Jump>	41
4.7	<Race>	41
4.8	<Intermediate>	42

4.9	<NK_team>	42
4.10	<NK_ranked>	43
4.11	<Competitor>	44
4.12	<NK_resultdetail>	44
4.13	<Jump>	45
4.14	<Judgesmarks>	46
4.15	<Race>	46
4.16	<Intermediate>	47
4.17	<NK_notclassified>	47
4.18	<NK_notranked>	48
4.19	<Team>	48
4.20	<NK_resultdetail>	48
4.21	<Jump>	49
4.22	<Race>	49
4.23	<Intermediate>	50
4.24	<NK_team>	50
4.25	<NK_notranked>	51
4.26	<Competitor>	52
4.27	<NK_resultdetail>	52
4.28	<Jump>	53
4.29	<Judgesmarks>	54
4.30	<Race>	54
4.31	<Intermediate>	55
5.	Example result individual competition	56
6.	Example result team competition	69
7.	Example start list individual competition	97
8.	Example start list team competition	102
9.	Document Control	110

1. General

This document provides the definition of the XML protocol used for the FIS Data Exchange for start lists, intermediate results and results.

Encoding of the XML result file should be in UTF8. A DTD definition must not be used.

If optional elements are used (not empty) they should at least contain the required child elements. Foreign XML elements can be used and will be ignored from the FIS system.

Language for the content is English and characters for data content should be only Latin letters.

Please note that the examples in this document do not need to be correct in terms of data but should only show the XML structure. The structure of the XML file and its content will be processed and verified by FIS and a confirmation email will be sent out to the sender of the file containing the result of processing.

1.1 XML result transmission

Results XML files must be sent by email to results@fis-ski.com.

The subject of the email should contain for easy email identification the NSA code and race codex.

Example email subject: AUT1234

File name of the xml files: <NSA code><race codex (4 digits)>.xml

Example XML file name: AUT1234.xml

Result XML files can be sent as one file or also more than one file within one email. Files can be also sent packed as ZIP file. The ZIP file must only contain the XML result file(s) but no folders or hidden system files and must not be password protected.

1.2 Support

For support requests, questions and feedbacks please contact the FIS IT department: it@fis-ski.com.

A support request for a certain race should at least contain the FIS race codex and a short description of the issue. Preferred support language is English.

2. Structure of XML

2.1 <Fisresults>

The general term for the results of all FIS competitions, root element

Element	Child elements	Description	Required
<Raceheader>	<Season> <Codex> <Nation> <Discipline> <Category> <Type> <Phase> <Eventname> <Place> <Racedate> <Tempunit> <Lonqunit> <Speedunit> <Windunit> <NK_photof>	Information to define each event. The following information is applicable to all FIS disciplines. Each discipline has a specific race header with further technical data.	required
<NK_race>	<NK_raceinfo_ip> <NK_raceinfo_cc> <NK_classified> <NK_notclassified>	Information about the race and results	required

Attributes of <Raceheader> :

Element	Attribute	Attribute values
<Raceheader>	Sector	NK
<Raceheader>	Gender	M = Men W = Women A = Mixed

2.2 <Raceheader>

Element	Data	Child elements	Description	Required
<Season>	integer		Season, ie. 2012 for June 2011 - May 2012	required
<Codex>	Integer		The unique identification number for each competition with the discipline (latest details can be found in the calendar section of the FIS website)	required
<Nation>	string		The three letter FIS code for the organizing nation (latest details can be found in the calendar section of the FIS website)	required
<Discipline>	string		The respective discipline to the event GU – Individual Gundersen IC – Individual Compact MS – Individual Mass Start ER – Express Race SSP – Super Sprint CSP – Compact Sprint TE – Team TSP – Team Sprint TM – Team Mass Start PR – Provisional Round	required
<Category>	string		The FIS abbreviation for the category of competition specific to the event According category provided in FIS calendar	required
<Type>	string		Type of content Startlist – Startlist Partial – Partial unofficial result Unofficial – Unofficial result Official – Official result	required
<Phase>	string		Phase of competition Attribute: use only when trial round for qualification or competition round (still not used) T1-T5=Training 1-5 Q=Qualification PR=Provisional Round F=Final Round	optional
<Eventname>	string		Name of Event as published in FIS calendar	optional
<Place>	string		resort, town, etc. of competition venue	optional
<Racedate>		<Day> <Month>	Date of race	optional

Element	Data	Child elements	Description	Required
		<Year>		
<Tempunit>	string		Unit of the temperature C = Celsius F = Fahrenheit K = Kelvin	optional
<Longunit>	string		Unit of length Remark: i.e. if 'm' is long unit intermediate points in 'km' need to be send as 'm' m = Meter km = Kilometer mi = Miles in = Inch y = Yard	optional
<Speedunit>	string		Unit of speed of an athlete attempt kmh = Kilometer/Hour mph = Miles/Hour ms = Meter/Second	optional
<Windunit>	string		Unit wind speed ms = Meter/Second kmh = Kilometer/Hour mph = Miles/Hour kn = Knots bft = Beaufort	optional
<NK_photof>			NK cross country Race contains photo finish rank will not be recalculated on FIS side empty	optional

2.2.1 <Racedate>

Element	Data	Description	Required
<Day>	integer	Day in numerical form: 1, 11, 21, etc.	required
<Month>	integer	Month in numerical form: 1, 2, 10, etc.	required
<Year>	integer	Year in four digits' numerical form: 2000, 2001, 2002, etc.	required

2.3 <NK_Race>

Element	Child elements	Description	Required
<NK_raceinfo_jp>	<Hill> <Plastic> <Hillsize> <Kpoint> <Mvalue> <Gatefactor> <Windfactorhead> <Windfactortail> <Nullline> <Secondperpoint> <Pointsperminute> <Jury> <Member> <Judges> <Runinfo> <Timingby> <Dataprocessingby> <Softwarecompany> <Softwarename> <Softwareversion>	Specific technical data about each Ski Jumping competition Jury, Member and Judges only need to be used at least once either in NK_raceinfo_jp or NK_raceinfo_cc	required
<NK_raceinfo_cc>	<Jury> <Member> <Judges> <Runinfo> <Timingby> <Dataprocessingby> <Softwarecompany> <Softwarename> <Softwareversion>	Specific technical data about each Cross-Country race Jury, Member and Judges only need to be used at least once either in NK_raceinfo_jp or NK_raceinfo_cc	required
<NK_classified>	<NK_ranked>	All competitors who are classified in the competition	required
<NK_notclassified>	<NK_notranked>	All competitors who are not classified in the competition	required

2.3.1 <NK_raceinfo_jp>

Element	Data	Child elements	Description	Required
<Hill>	string		Type of Hill NH – Normal Hill LH – Large Hill FH – Flying Hill	required
<Plastic>	string		Plastic surface on hill used Yes No	required
<Hillsize>	integer		Size of the jumping hill	required
<Kpoint>	integer		K-point of the jumping hill	required
<Mvalue>	integer		Meter value	required
<Gatefactor>	decimal		Gate factor	optional, required for OWG, WSC, WC, COC
<Windfactorhead>	decimal		Wind factor head	optional, required for OWG, WSC, WC, COC
<Windfactortail>	decimal		Wind factor tail	optional, required for OWG, WSC, WC, COC
<Nullline>	integer		Null line	optional
<Secondperpoint>	string		Seconds per point	optional
<Pointspersecond>	string		Points per minute	optional
<Jury>		<Lastname> <Firstname> <Nation>	Details about the competition jury	required
<Member>		<Lastname> <Firstname> <Nation>	Details about the competition jury member (competition management)	optional
<Judges (Ski jumping only)>		<JudgeID> <Lastname> <Firstname> <Nation>	Details about the competition Judges	optional

Element	Data	Child elements	Description	Required
<Runinfo>		<Starttime> <Endtime> <Weather> <Statistics>	Information about the round	required
<Timingby>	string		Timing or Scoring by company	optional
<Dataprocessingby>	string		Data processing by company	optional
<Softwarecompany>	string		Name of software company	optional
<Softwarename>	string		Name of timing/scoring software	optional
<Softwareversion>	string		Version of the timing/scoring software	optional

Attributes of the elements above:

Element	Attribute	Attribute values
<Jury>	Function	For all competition required: CHIEFCOMPETITION TECHNICALDELEGATE TECHNICALDELEGATEASSISTAN For categories WC, OWG, WSC, GP: RACEDIRECTOR RACEDIRECTORASSISTANT EQUIPMENTCONTROL CHIEFCOMPETITION TECHNICALDELEGATE TECHNICALDELEGATEASSISTAN For categories YOG, WJC: COORDINATOR EQUIPMENTCONTROL CHIEFCOMPETITION TECHNICALDELEGATE TECHNICALDELEGATEASSISTAN For categories COC, FIS COORDINATOR EQUIPMENTCONTROL CHIEFCOMPETITION TECHNICALDELEGATE TECHNICALDELEGATEASSISTAN For category UVS: RACEDIRECTOR EQUIPMENTCONTROL CHIEFCOMPETITION TECHNICALDELEGATE TECHNICALDELEGATEASSISTAN
<Member>	Function	For all competition required: CHIEFCOMPETITION TECHNICALDELEGATE TECHNICALDELEGATEASSISTAN For categories WC, OWG, WSC, GP: RACEDIRECTOR RACEDIRECTORASSISTANT EQUIPMENTCONTROL CHIEFCOMPETITION TECHNICALDELEGATE TECHNICALDELEGATEASSISTAN CHIEFOFCOURSE For categories YOG, WJC: COORDINATOR EQUIPMENTCONTROL CHIEFCOMPETITION TECHNICALDELEGATE TECHNICALDELEGATEASSISTAN For categories COC, FIS

Element	Attribute	Attribute values
		COORDINATOR EQUIPMENTCONTROL CHIEFCOMPETITION TECHNICALDELEGATE TECHNICALDELEGATEASSISTAN For category UVS: RACEDIRECTOR EQUIPMENTCONTROL CHIEFCOMPETITION TECHNICALDELEGATE TECHNICALDELEGATEASSISTAN
<Judges (Ski jumping only)>	Function	A, B, C, D, E, SC (Start control)
<Runinfo>	No	Run number (1,2)

2.3.2 <NK_raceinfo_cc>

Element	Data	Child elements	Description	Required
<Jury>		<Lastname> <Firstname> <Nation>	Details about the competition jury	required
<Member>		<Lastname> <Firstname> <Nation>	Details about the competition jury member (competition management)	optional
<Judges (Ski jumping only)>		<JudgeID> <Lastname> <Firstname> <Nation>	Details about the competition Judges	optional
<Runinfo>		<Course> <Starttime> <Endtime> <Weather> <Statistics>	Information about the run	required
<Timingby>	string		Timing or Scoring by company	optional
<Dataprocessingby>	string		Data processing by company	optional
<Softwarecompany>	string		Name of software company	optional
<Softwarename>	string		Name of timing/scoring software	optional
<Softwareversion>	string		Version of the timing/scoring software	optional

Attributes of the elements above:

Element	Attribute	Attribute values
<Jury>	Function	For all competition required: CHIEFCOMPETITION TECHNICALDELEGATE TECHNICALDELEGATEASSISTANT For categories WC, OWG, WSC, GP: RACEDIRECTOR RACEDIRECTORASSISTANT EQUIPMENTCONTROL CHIEFCOMPETITION TECHNICALDELEGATE TECHNICALDELEGATEASSISTANT For categories YOG, WJC: COORDINATOR EQUIPMENTCONTROL CHIEFCOMPETITION TECHNICALDELEGATE TECHNICALDELEGATEASSISTANT For categories COC, FIS COORDINATOR EQUIPMENTCONTROL CHIEFCOMPETITION TECHNICALDELEGATE TECHNICALDELEGATEASSISTANT For category UVS: RACEDIRECTOR EQUIPMENTCONTROL CHIEFCOMPETITION TECHNICALDELEGATE TECHNICALDELEGATEASSISTANT

Element	Attribute	Attribute values
<Member>	Function	For all competition required: CHIEFCOMPETITION TECHNICALDELEGATE TECHNICALDELEGATEASSISTAN For categories WC, OWG, WSC, GP: RACEDIRECTOR RACEDIRECTORASSISTANT EQUIPMENTCONTROL CHIEFCOMPETITION TECHNICALDELEGATE TECHNICALDELEGATEASSISTAN CHIEFOFCOURSE For categories YOG, WJC: COORDINATOR EQUIPMENTCONTROL CHIEFCOMPETITION TECHNICALDELEGATE TECHNICALDELEGATEASSISTAN For categories COC, FIS COORDINATOR EQUIPMENTCONTROL CHIEFCOMPETITION TECHNICALDELEGATE TECHNICALDELEGATEASSISTAN For category UVS: RACEDIRECTOR EQUIPMENTCONTROL CHIEFCOMPETITION TECHNICALDELEGATE TECHNICALDELEGATEASSISTAN
<Judges (Ski jumping only)>	Function	A, B, C, D, E, SC (Start control)
<Runinfo>	No	CC

2.3.3 <Jury>

Element	Data	Description	Required
<Lastname>	string	Last name jury member	required
<Firstname>	string	First name jury member	required
<Nation>	string	Nation (FIS abbreviation) of jury member	required

2.3.4 <Member>

Element	Data	Description	Required
<Lastname>	string	Last name jury member	required
<Firstname>	string	First name jury member	required
<Nation>	string	Nation (FIS abbreviation) of jury member	required

2.3.5 <Judges>

Element	Data	Description	Required
<JudgeID>	string	Judge ID	optional
<Lastname>	string	Last name of judge	required
<Firstname>	string	First name of judge	required
<Nation>	string	Nation (FIS abbreviation) of judge	required

2.3.6 <Runinfo>

Element	Child elements	Description	Required
<Course (Cross-Country)>	<Name> <HD> <MC> <TC> <Style> <Laplength> <Lapnumber> <Intermediate>		optional
<Starttime>		Start time of the round Time in 24h, HH:MM	required
<Endtime>		End time of the round Time in 24h, HH:MM	optional, required for OWG, WSC, WC
<Weather>	<Starttime> <Endtime> <Place> <Weather> <Temperatureair> <Temperaturesnow> <Humidity> <Maxwindspeed> <Minwindspeed> <Avgwindspeed> <Winddirection>	Information about weather	optional
<Statistics (Ski jumping)>	<Base> <Group> <Instartlist> <Started> <Withresults>		optional
<Statistics (Cross-Country)>	<Entries> <Ranked> <DSQ> <DQB> <DNS> <DNF> <NPS> <LAP>		optional

Attributes of `<Course (Cross-Country)>` :

Element	Attribute	Attribute values
<code><Course (Cross-Country)></code>	No	Course number

2.3.7 `<Course>` (Cross-Country)

Element	Data	Child elements	Description	Required
<code><Name></code>	string		Name of the course/lap	optional
<code><HD></code>	integer		Height difference of the course	optional
<code><MC></code>	integer		Maximum climb of the course	optional
<code><TC></code>	integer		Total climb of the course	optional
<code><Style></code>	String		Skiing technique F = Free C = Classic	optional
<code><Laplength></code>	integer		Length of lap	optional
<code><Lapnumber></code>	integer		Number of laps	optional
<code><Intermediate></code>		<code><Distance></code>	Information about intermediate timing points with order and type	optional

Attributes of `<Intermediate>` :

Element	Attribute	Attribute values
<code><Intermediate></code>	i	Order number of intermediate point, counts up over all courses 1-98 = intermediate points 99 = Finish
<code><Intermediate></code>	type	time speed

2.3.8 `<Intermediate>`

Element	Data	Description	Required
<code><Distance></code>	string	Distance in long unit or name of intermediate point i	Optional

2.3.9 <Weather>

Element	Data	Description	Required
<Starttime>	string	Start time of the round	required
<Endtime>	string	End time of the round	optional
<Place>	string	Place of weather evaluation	required
<Weather>	string	Description of weather conditions	required
<Snow>	string	Description of snow conditions	optional
<Temperatureair>	decimal	Air Temperature	required
<Temperaturesnow>	decimal	Snow Temperature	optional
<Humidity>	integer	Air humidity	optional
<Maxwindspeed>	decimal	Max. wind speed	optional
<Minwindspeed>	decimal	Min. wind speed	optional
<Avgwindspeed>	decimal	Avg. wind speed	optional
<Winddirection>	string	Wind direction N – north NNW – north north west NW – north west WNW – west north west W – west WSW – west south west SW – south west SSW – south south west S – south SSE – south south east SE – south east ESE – east south east E – east ENE – east north east NE – north east NNE – north north east	optional

2.3.10 <Statistics> (Ski jumping)

Element	Child elements	Description	Required
<Group>	<Stats>	Competition group	optional
<Base>	<Wind> <Gate> <Length>	Base values for a competition round	optional
<Instartlist>	<Competitors> <Nations>	Numbers of competitors and nation on start list in a round	optional
<Started>	<Competitors> <Nations>	Numbers of competitors and nation on started in a round	optional
<Withresults>	<Competitors> <Nations>	Numbers of competitors and nation with results in a round	optional

Attributes of <Group> :

Element	Attribute	Attribute values
<Group>	no	Number of a group

2.3.11 <Group>

Element	Child elements	Description	Required
<Stats>	<Gate> <Diff> <Athletes> <Falls> <Distance> <Speed>	Statistic values of a competition round	optional

Attributes of <Stats> :

Element	Attribute	Attribute values
<Stats>	no	Number of statistic within a group/round

2.3.12 <Stats>

Element	Data	Child elements	Description	Required
<Gate>	string		Number of gate	optional
<Diff>	decimal		Gate difference	optional
<Athletes>	integer		Number of athletes in a group or gate progression	optional
<Falls>	integer		Number of falls within a group or gate progression	optional
<Distance>		<Max> <Min> <Avg>	Max, min, avg. distances of a group or gate progression	optional
<Speed>		<Max> <Min> <Avg>	Max, min, avg speed of a group or gate progression	optional

2.3.13 <Distance>

Element	Data	Description	Required
<Max>	decimal	Max distances of a group or gate progression	optional
<Min>	decimal	min distances of a group or gate progression	optional
<Avg>	decimal	Avg. distances of a group or gate progression	optional

2.3.14 <Speed>

Element	Data	Description	Required
<Max>	decimal	Max speed of a group or gate progression	optional
<Min>	decimal	min speed of a group or gate progression	optional
<Avg>	decimal	avg speed of a group or gate progression	optional

2.3.15 <Base>

Element	Data	Description	Required
<Wind>	decimal	Base wind value for a round	optional
<Gate>	string	Base gate number for a round	optional
<Length>	decimal	Base length values for a round	optional

2.3.16 <Instartlist>

Element	Data	Description	Required
<Competitors>	integer	Numbers of competitors on start list in a round	optional
<Nations>	integer	Numbers of nation on start list in a round	optional

2.3.17 <Started>

Element	Data	Description	Required
<Competitors>	integer	Numbers of competitors on start list in a round	optional
<Nations>	integer	Numbers of nation on start list in a round	optional

2.3.18 <Withresults>

Element	Data	Description	Required
<Competitors>	integer	Numbers of competitors on start list in a round	optional
<Nations>	integer	Numbers of nation on start list in a round	optional

2.3.19 <Statistics> (Cross-Country)

Element	Child elements	Description	Required
<Entries>	<Competitors> <Nations>	Numbers of competitors and nation entered to competition in a round	optional
<Ranked>	<Competitors> <Nations>	Numbers of competitors and nation with results in a round	optional
<DSQ>	<Competitors> <Nations>	Numbers of competitors and nation disqualified in a round	optional
<DQB>	<Competitors> <Nations>	Numbers of competitors and nation disqualified in a round	optional
<DNS>	<Competitors> <Nations>	Numbers of competitors and nation did not start in a round	optional
<DNF>	<Competitors> <Nations>	Numbers of competitors and nation did not finish in a round	optional
<NPS>	<Competitors> <Nations>	Numbers of competitors and nation not permitted to start in a round	optional
<LAP>	<Competitors> <Nations>	Numbers of competitors and nation lapped in Cross-Country race	optional

2.3.20 **<Entries>** , **<Ranked>** , **<DSQ>** , **<DQB>** , **<DNS>** , **<DNF>** , **<NPS>** , **<LAP>**

Element	Data	Description	Required
<Competitors>	integer	Numbers of competitors on start list in a round	optional
<Nations>	integer	Numbers of nation on start list in a round	optional

3. Result for individual competition

3.1 <NK_classified>

Element	Child elements	Description	Required
<NK_ranked>	<Rank> <Order> <Bib> <Competitor> <NK_result> <NK_resultdetail>	Details of each competitor's results	required

Attributes of <NK_ranked> :

Element	Attribute	Attribute values
<NK_ranked>	Status	QLF = completed the race
<NK_ranked>	Status2	LAP = Lapped

3.2 <NK_ranked>

Element	Data	Child elements	Description	Required
<Rank>	integer		The competitor's position in the race (If the rank was decided by a photo finish then with attribute)	required
<Order>	integer		The competitor's order position in the start list	required
<Bib>	integer		The competitor's starting bib from the first run	required
<Competitor>		<Fiscode> <Lastname> <Firstname> <Gender> <Nation> <Yearofbirth> <Clubname>	Details of a competitor	required
<NK_result>		<Totaltime> <Diff> <Jumppoints> <Jumprank> <Timediff> <Penaltyloops> <Racetime> <Racerank>	Details of the result of the competitor	required
<NK_resultdetail>		<Jump> <Race>	Details of each jump and race result	optional

Attributes of the elements above:

Element	Attribute	Attribute values
<Rank>	Pf	y
<Bib>	Color	yellow red green blue white black

3.3 <Competitor>

Element	Data	Description	Required
<Fiscode>	string	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 publications of lists may have been provided to the TD or organizers by the FIS Office in writing.	required
<Lastname>	string	The competitor's last name as it appears on the FIS list	required
<Firstname>	string	The competitor's first name as it appears on the FIS list	required
<Gender>	string	Gender of competitor M = Male F = Female	optional
<Nation>	string	The competitor's nation using the FIS abbreviation	required
<Yearofbirth>	integer	The competitor's year of birth as it appears on the FIS list (ie. 1987)	optional
<Clubname>	String	Name of club of competitor	optional

3.4 <NK_result>

Element	Data	Description	Required
<Totaltime>	string	Total time of race incl. time penalties, start behind time	required
<Diff>	string	Behind time difference to winner time	optional
<Jumppoints>	decimal	Total points for jump	optional
<Jumprank>	integer	Jump rank	optional
<Starttime>	string	Start time of competitor (individual races)	optional
<Timediff>	string	Start behind time or time difference for Cross Country race, attribute wave time	optional
<Penaltyloops>	integer	Number of penalty loops for Cross Country race	optional
<Racetime>	string	Cross country race time, netto time	optional
<Racerank>	integer	Cross country race rank	optional

Attributes of <Timediff> :

Element	Attribute	Attribute values
<Timediff>	wave	y

3.5 <NK_resultdetail>

Element	Child elements	Description	Required
<Jump>	<Distance> <Distancepoints> <Rank> <Speed> <Judgemarks> <Gate> <Gatepoints> <Wind> <Windpoints> <Pointsdescend>	Jump details	optional
<Race>	<Intermediate>	Cross-Country race details	optional

Attributes of <Jump> :

Element	Attribute	Attribute values
<Jump>	no	number of jump (round)
<Jump>	Status	IRF – Inrunfall DNS – did not start in 2nd round DSQ – disqualified in 2nd round NPS – not permitted to start NPS2 – not permitted to start 2nd round

3.6 <Jump>

Element	Data	Child elements	Description	Required
<Distance>	string		jump distance Distance value	optional
<Distancepoints>	decimal		distance points	optional
<Speed>	decimal		Speed on jump off	optional
<Judgesmarks>		<Totalpoints> <A> <C> <D> <E>	judge points for the jump	optional
<Gate>	integer		gate number	optional
<Gatepoints>	decimal		gate compensation points	optional
<Wind>	decimal		wind speed	optional
<Windpoints>	decimal		wind compensation points	optional
<Pointsdescend>	decimal		Jump (round) total points	required
<Rank>	integer		Rank of jump round	required

3.7 <Judgesmarks>

Element	Data	Description	Required
<Totalpoints>	decimal	Total points from all counted judge marks	optional
<A>	decimal	Point of Judge A	optional
	decimal	Point of Judge B	optional
<C>	decimal	Point of Judge C	optional
<D>	decimal	Point of Judge D	optional
<E>	decimal	Point of Judge E	optional

Attributes of the elements above:

Element	Attribute	Attribute values
<A>	counted	yes no
	counted	yes no
<C>	counted	yes no
<D>	counted	yes no
<E>	counted	yes no

3.8 <Race>

Element	Child elements	Description	Required
<Intermediate>	<Time> <Diff> <Rank> <Sectortime> <Sectordiff> <Sectorrank> <Speed>	Cross-Country race details	optional

Attributes of <Intermediate> :

Element	Attribute	Attribute values
<Intermediate>	i	Number of intermediate point

3.9 <Intermediate>

An intermediate point can be a timing point or speed measurement point.

Element	Data	Description	Required
<Time>	string	Time on intermediate point i	required
<Diff>	string	Time difference on intermediate point i	optional
<Rank>	integer	Rank on intermediate point i	required
<Sectortime>	string	Time of the last sector (last intermediate point to current intermediate point)	optional
<Sectordiff>	string	Time difference of a sector	optional
<Sectorrank>	integer	Rank of the last sector	optional

Element	Data	Description	Required
<Speed>	decimal	Speed on intermediate point i	required
<Diff>	decimal	Speed difference on intermediate point i	optional
<Rank>	integer	Rank on intermediate point i	required

3.10 <NK_notclassified>

Element	Child elements	Description	Required
<NK_notranked>	<Bib> <Competitor> <NK_resultdetails> <Reason>	Details of each competitor's results	required

Attributes of <NK_notranked> :

Element	Attribute	Attribute values
<NK_notranked>	Status	DNS = Did not start DSQ = Disqualified DNF = Did not finish DNQ = Did not qualify DPO = Doping offense NPS = Not permitted to start DQB = Disqualification for unsportsmanlike behavior

3.11 <NK_notranked>

Element	Data	Child elements	Description	Required
<Bib>	string		The competitor's starting bib from the first run	required
<Competitor>		<Fiscode> <Lastname> <Firstname> <Gender> <Nation> <Yearofbirth> <Clubname>	Details of a competitor	required
<NK_resultdetail>		<Jump> <Race>	Details of each jump and race result	optional
<Reason>	string		Reference to ICR rule number for disqualification offence	optional

Attributes of <Bib> :

Element	Attribute	Attribute values
<Bib>	Color	yellow red green blue white black

3.12 <Competitor>

Element	Data	Description	Required
<Fiscode>	string	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 organizers by the FIS Office in writing.	required
<Lastname>	string	The competitor's last name as it appears on the FIS list	required
<Firstname>	string	The competitor's first name as it appears on the FIS list	required
<Gender>	string	Gender of competitor M = Male F = Female	optional
<Nation>	string	The competitor's nation using the FIS abbreviation	required
<Yearofbirth>	integer	The competitor's year of birth as it appears on the FIS list (ie. 1987)	optional
<Clubname>	string	Name of club of competitor	optional

3.13 <NK_resultdetail>

Element	Child elements	Description	Required
<Jump>	<Distance> <Distancepoints> <Rank> <Speed> <Judgemarks> <Gate> <Gatepoints> <Wind> <Windpoints> <Pointsdescend>	Jump details	optional
<Race>	<Intermediate>	Cross-Country race details	optional

Attributes of `<Jump>` :

Element	Attribute	Attribute values
<code><Jump></code>	no	number of jump (round)
<code><Jump></code>	Status	IRF – Inrunfall DNS – did not start in 2nd round DSQ – disqualified in 2nd round NPS – not permitted to start NPS2 – not permitted to start 2nd round

3.14 `<Jump>`

Element	Data	Child elements	Description	Required
<code><Distance></code>	string		jump distance Distance value	optional
<code><Distancepoints></code>	decimal		distance points	optional
<code><Speed></code>	decimal		Speed on jump off	optional
<code><Jugdesmarks></code>		<code><Totalpoints></code> <code><A></code> <code></code> <code><C></code> <code><D></code> <code><E></code>	judge points for the jump	optional
<code><Gate></code>	integer		gate number	optional
<code><Gatepoints></code>	decimal		gate compensation points	optional
<code><Wind></code>	decimal		wind speed	optional
<code><Windpoints></code>	decimal		wind compensation points	optional
<code><Pointsdescend></code>	decimal		Jump (round) total points	required
<code><Rank></code>	integer		Rank of jump round	required

3.15 <Judgesmarks>

Element	Data	Description	Required
<Totalpoints>	decimal	Total points from all counted judge marks	optional
<A>	decimal	Point of Judge A	optional
	decimal	Point of Judge B	optional
<C>	decimal	Point of Judge C	optional
<D>	decimal	Point of Judge D	optional
<E>	decimal	Point of Judge E	optional

Attributes of the elements above:

Element	Attribute	Attribute values
<A>	counted	yes no
	counted	yes no
<C>	counted	yes no
<D>	counted	yes no
<E>	counted	yes no

3.16 <Race>

Element	Child elements	Description	Required
<Intermediate>	<Time> <Diff> <Rank> <Sectortime> <Sectordiff> <Sectorrank> <Speed>	Cross-Country race details	optional

Attributes of `<Intermediate>` :

Element	Attribute	Attribute values
<code><Intermediate></code>	<code>i</code>	Number of intermediate point

3.17 `<Intermediate>`

An intermediate point can be a timing point or speed measurement point.

Element	Data	Description	Required
<code><Time></code>	string	Time on intermediate point i	required
<code><Diff></code>	string	Time difference on intermediate point i	optional
<code><Rank></code>	integer	Rank on intermediate point i	required
<code><Sectortime></code>	string	Time of the last sector (last intermediate point to current intermediate point)	optional
<code><Sectordiff></code>	string	Time difference of a sector	optional
<code><Sectorrank></code>	integer	Rank of the last sector	optional

Element	Data	Description	Required
<code><Speed></code>	decimal	Speed on intermediate point i	required
<code><Diff></code>	decimal	Speed difference on intermediate point i	optional
<code><Rank></code>	integer	Rank on intermediate point i	required

4. Result for team competition

4.1 <NK_classified>

Element	Child elements	Description	Required
<NK_ranked>	<Rank> <Order> <Bib> <Team> <NK_result> <NK_team> <NK_resultdetail>	Details of each teams results	required

Attributes of <NK_ranked> :

Element	Attribute	Attribute values
<NK_ranked>	Status	QLF = completed the race
<NK_ranked>	Status2	LAP = Lapped

4.2 <NK_ranked>

Element	Data	Child elements	Description	Required
<Rank>	integer		The teams position in the competition (If the rank was decided by a photo finish then with attribute)	required
<Order>	integer		The team order position in the start list	required
<Bib>	string		The teams starting bib from the first run color = team BIB color	required
<Team>		<Fiscode> <Teamname> <Nation>	Details of a team	required
<NK_result>		<Totaltime> <Diff> <Jumppoints> <Jumprank> <Timediff> <Penaltyloops> <Racetime> <Racerank>	Details of the result of the competitor	required
<NK_resultdetail>		<Jump> <Intermediate>	Details of each jump and race result	optional
<NK_team>		<NK_ranked>	Detailed result of each competitor of a team	optional

Attributes of the elements above:

Element	Attribute	Attribute values
<Rank>	Pf	y
<Bib>	Color	yellow red green blue white black

4.3 <Team>

Element	Data	Description	Required
<Fiscode>	string	The teams unique FIS code. Every team 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 organizers by the FIS Office in writing.	required
<Teamname>	string	The team name as it appears on the FIS list	required
<Nation>	string	The team nation using the FIS abbreviation	required

4.4 <NK_result>

Element	Data	Description	Required
<Totaltime>	string	Total time of race incl. time penalties, start behind time	required
<Diff>	string	Behind time difference to winner time	optional
<Jumppoints>	decimal	Total points for jump	optional
<Jumprank>	integer	Jump rank	optional
<Timediff>	string	Start behind time or time difference for Cross Country race, attribute wave time	optional
<Penaltyloops>	integer	Number of penalty loops for Cross Country race	optional
<Racetime>	string	Cross country race time, netto time	optional
<Racerank>	integer	Cross country race rank	optional

Attributes of <Timediff> :

Element	Attribute	Attribute values
<Timediff>	wave	y

4.5 <NK_resultdetail>

Element	Child elements	Description	Required
<Jump>	<Rank> <Pointsdescend>	details of team result	optional
<Race>	<Intermediate>	Cross-Country race details	optional

Attributes of `<Jump>` :

Element	Attribute	Attribute values
<code><Jump></code>	No	number of jump (round)

4.6 `<Jump>`

Element	Data	Description	Required
<code><Rank></code>	integer	Rank of jump round	required
<code><Pointsdescend></code>	decimal	Jump (round) total points	required

4.7 `<Race>`

Element	Child elements	Description	Required
<code><Intermediate></code>	<code><Time></code> <code><Diff></code> <code><Rank></code> <code><Sectortime></code> <code><Sectordiff></code> <code><Sectorrank></code>	Cross-Country race details	optional

Attributes of `<Intermediate>` :

Element	Attribute	Attribute values
<code><Intermediate></code>	<code>i</code>	Number of intermediate point

4.8 <Intermediate>

An intermediate point can be for team only a timing point.

Element	Data	Description	Required
<Time>	string	Time on intermediate point i	required
<Diff>	string	Time difference on intermediate point i	optional
<Rank>	integer	Rank on intermediate point i	required
<Sectortime>	string	Time of the last sector (last intermediate point to current intermediate point)	optional
<Sectordiff>	string	Time difference of a sector	optional
<Sectorrank>	integer	Rank of the last sector	optional

4.9 <NK_team>

Element	Child elements	Description	Required
<<NK_ranked>>	<Rank> <Bib> <Competitor> <NK_resultdetail>	Details of each competitor's results	optional

Attributes of <<NK_ranked>> :

Element	Attribute	Attribute values
<<NK_ranked>>	Status	QLF = completed the race
<<NK_ranked>>	Status2	LAP = Lapped

4.10 <NK_ranked>

Element	Data	Child elements	Description	Required
<Rank>	integer		The team position in the race	required
<Bib>	string		The team starting bib from the first run Color = leg color of the BIB	required
<Competitor>		<Fiscode> <Lastname> <Firstname> <Gender> <Nation> <Yearofbirth> <Clubname>	Details of a competitor of a team	required
<NK_resultdetail>		<Jump> <Race>	Details of each competitor result	optional

Attributes of <Bib> :

Element	Attribute	Attribute values
<Bib>	Color	red green yellow blue
<Bib>	Leg	Number of leg

4.11 <Competitor>

Element	Data	Description	Required
<Fiscode>	string	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 organizers by the FIS Office in writing.	required
<Lastname>	string	The competitor's last name as it appears on the FIS list	required
<Firstname>	string	The competitor's first name as it appears on the FIS list	required
<Gender>	string	Gender of competitor M = Male F = Female	optional
<Nation>	string	The competitor's nation using the FIS abbreviation	required
<Yearofbirth>	integer	The competitor's year of birth as it appears on the FIS list (ie. 1987)	optional
<Clubname>	String	Name of club of competitor	optional

4.12 <NK_resultdetail>

Element	Child elements	Description	Required
<Jump>	<Distance> <Distancepoints> <Rank> <Speed> <Judgemarks> <Gate> <Gatepoints> <Wind> <Windpoints> <Pointsdescend>	Jump details	optional
<Race>	<Intermediate>	Cross-Country race details	optional

Attributes of `<Jump>` :

Element	Attribute	Attribute values
<code><Jump></code>	<code>no</code>	number of jump (round)
<code><Jump></code>	<code>Status</code>	IRF – Inrunfall DNS – did not start in 2nd round DSQ – disqualified in 2nd round NPS – not permitted to start NPS2 – not permitted to start 2nd round

4.13 `<Jump>`

Element	Data	Child elements	Description	Required
<code><Distance></code>	string		jump distance Distance value	optional
<code><Distancepoints></code>	decimal		distance points	optional
<code><Speed></code>	decimal		Speed on jump off	optional
<code><Jugdesmarks></code>		<code><Totalpoints></code> <code><A></code> <code></code> <code><C></code> <code><D></code> <code><E></code>	judge points for the jump	optional
<code><Gate></code>	integer		gate number	optional
<code><Gatepoints></code>	decimal		gate compensation points	optional
<code><Wind></code>	decimal		wind speed	optional
<code><Windpoints></code>	decimal		wind compensation points	optional
<code><Pointsdescend></code>	decimal		Jump (round) total points	required
<code><Rank></code>	integer		Rank of jump round	required

4.14 <Judgesmarks>

Element	Data	Description	Required
<Totalpoints>	decimal	Total points from all counted judge marks	required
<A>	decimal	Point of Judge A	required
	decimal	Point of Judge B	required
<C>	decimal	Point of Judge C	required
<D>	decimal	Point of Judge D	required
<E>	decimal	Point of Judge E	required

Attributes of the elements above:

Element	Attribute	Attribute values
<A>	counted	yes no
	counted	yes no
<C>	counted	yes no
<D>	counted	yes no
<E>	counted	yes no

4.15 <Race>

Element	Child elements	Description	Required
<Intermediate>	<Time> <Diff> <Rank> <Speed>	Cross-Country race details	optional

Attributes of <Intermediate> :

Element	Attribute	Attribute values
<Intermediate>	i	Number of intermediate point

4.16 <Intermediate>

An intermediate point can be a timing point or speed measurement point.

Element	Data	Description	Required
<Time>	string	Time of the leg on intermediate point i	required
<Diff>	string	Time difference of the leg on intermediate point i	optional
<Rank>	integer	Rank of the leg on intermediate point i	required

Element	Data	Description	Required
<Speed>	decimal	Speed on intermediate point i in speed unit	required
<Diff>	decimal	Speed difference on intermediate point i	optional
<Rank>	integer	Speed rank on intermediate point i	required

4.17 <NK_notclassified>

Element	Child elements	Description	Required
<NK_notranked>	<Bib> <Team> <NK_resultdetails> <NK_team> <Reason>	Details of each team result	required

Attributes of <NK_notranked> :

Element	Attribute	Attribute values
<NK_notranked>	Status	DNS = Did not start DSQ = Disqualified DNF = Did not finish DNQ = Did not qualify DPO = Doping offense NPS = Not permitted to start DQB = Disqualification for unsportsmanlike behavior

4.18 <NK_notranked>

Element	Data	Child elements	Description	Required
<Bib>	string		The competitor's starting bib from the first run	required
<Team>		<Fiscode> <Teamname> <Nation>	Details of a team	required
<NK_resultdetail>		<Jump> <Intermediate>	Details of each jump and race result	optional
<NK_team>		<NK_notranked>	Detailed result of each competitor of a team	optional
<Reason>	string		Reference to ICR rule number for disqualification offence	optional

4.19 <Team>

Element	Data	Description	Required
<Fiscode>	string	The teams unique FIS code. Every team 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 publications of lists may have been provided to the TD or organizers by the FIS Office in writing.	required
<Teamname>	string	The team name as it appears on the FIS list	required
<Nation>	string	The team nation using the FIS abbreviation	required

4.20 <NK_resultdetail>

Element	Child elements	Description	Required
<Jump>	<Rank> <Pointsdescend>	details of team result	optional
<Race>	<Intermediate>	Cross-Country race details	optional
<Intermediate>	<Time> <Diff> <Rank>	i.e. intermediate times for each exchange/leg	optional

Attributes of the elements above:

Element	Attribute	Attribute values
<Jump>	No	number of jump (round)
<Intermediate>	i	Number of intermediate point

4.21 <Jump>

Element	Data	Description	Required
<Pointsdescend>	decimal	Jump (round) total points	required
<Rank>	integer	Rank of jump round	required

4.22 <Race>

Element	Child elements	Description	Required
<Intermediate>	<Time> <Diff> <Rank> <Sectortime> <Sectordiff> <Sectorrank>	Cross-Country race details	optional

Attributes of <Intermediate> :

Element	Attribute	Attribute values
<Intermediate>	i	Number of intermediate point

4.23 <Intermediate>

An intermediate point from team can be only a timing point.

Element	Data	Description	Required
<Time>	string	Time on intermediate point i	required
<Diff>	string	Time difference on intermediate point i	optional
<Rank>	integer	Rank on intermediate point i	required
<Sectortime>	string	Time of the last sector (last intermediate point to current intermediate point)	optional
<Sectordiff>	string	Time difference of a sector	optional
<Sectorrank>	integer	Rank of the last sector	optional

4.24 <NK_team>

Element	Child elements	Description	Required
<<NK_notranked>>	<Rank> <Bib> <Competitor> <NK_resultdetail>	Details of each competitor's results	optional

Attributes of <<NK_notranked>> :

Element	Attribute	Attribute values
<<NK_notranked>>	Status	QLF = completed the race

4.25 <NK_notranked>

Element	Data	Child elements	Description	Required
<Rank>	integer		The team position in the race	required
<Bib>	string		The team starting bib from the first run	required
<Competitor>		<Fiscode> <Lastname> <Firstname> <Gender> <Nation> <Yearofbirth> <Clubname>	Details of a competitor of a team	required
<NK_resultdetail>		<Jump> <Intermediate>	Details of each competitor result	optional

Attributes of <Bib> :

Element	Attribute	Attribute values
<Bib>	Color	r=red g=green y=yellow b=blue
<Bib>	Leg	Number of leg

4.26 <Competitor>

Element	Data	Description	Required
<Fiscode>	string	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 publications of lists may have been provided to the TD or organizers by the FIS Office in writing.	required
<Lastname>	string	The competitor's last name as it appears on the FIS list	required
<Firstname>	string	The competitor's first name as it appears on the FIS list	required
<Gender>	string	Gender of competitor M = Male F = Female	optional
<Nation>	string	The competitor's nation using the FIS abbreviation	required
<Yearofbirth>	integer	The competitor's year of birth as it appears on the FIS list (ie. 1987)	optional
<Clubname>	String	Name of club of competitor	optional

4.27 <NK_resultdetail>

Element	Child elements	Description	Required
<Jump>	<Distance> <Distancepoints> <Rank> <Speed> <Judgemarks> <Gate> <Gatepoints> <Wind> <Windpoints> <Pointsdescend>	Jump details	optional
<Race>	<Intermediate>	Cross-Country race details	

Attributes of `<Jump>` :

Element	Attribute	Attribute values
<code><Jump></code>	<code>no</code>	number of jump (round)
<code><Jump></code>	<code>Status</code>	IRF – Inrunfall DNS – did not start in 2nd round DSQ – disqualified in 2nd round NPS – not permitted to start NPS2 – not permitted to start 2nd round

4.28 `<Jump>`

Element	Data	Child elements	Description	Required
<code><Distance></code>	string		jump distance Distance value	optional
<code><Distancepoints></code>	decimal		distance points	optional
<code><Speed></code>	decimal		Speed on jump off	optional
<code><Jugdesmarks></code>		<code><Totalpoints></code> <code><A></code> <code></code> <code><C></code> <code><D></code> <code><E></code>	judge points for the jump	optional
<code><Gate></code>	integer		gate number	optional
<code><Gatepoints></code>	decimal		gate compensation points	optional
<code><Wind></code>	decimal		wind speed	optional
<code><Windpoints></code>	decimal		wind compensation points	optional
<code><Pointsdescend></code>	decimal		Jump (round) total points	required
<code><Rank></code>	integer		Rank of jump round	required

4.29 <Judgesmarks>

Element	Data	Description	Required
<Totalpoints>	decimal	Total points from all counted judge marks	required
<A>	decimal	Point of Judge A	required
	decimal	Point of Judge B	required
<C>	decimal	Point of Judge C	required
<D>	decimal	Point of Judge D	required
<E>	decimal	Point of Judge E	required

Attributes of the elements above:

Element	Attribute	Attribute values
<A>	counted	yes no
	counted	yes no
<C>	counted	yes no
<D>	counted	yes no
<E>	counted	yes no

4.30 <Race>

Element	Child elements	Description	Required
<Intermediate>	<Time> <Diff> <Rank> <Speed>	Cross-Country race details	optional

Attributes of <Intermediate> :

Element	Attribute	Attribute values
<Intermediate>	i	Number of intermediate point

4.31 <Intermediate>

An intermediate point can be a timing point or speed measurement point.

Element	Data	Description	Required
<Time>	string	Time of the leg on intermediate point i	required
<Diff>	string	Time difference of the leg on intermediate point i	optional
<Rank>	integer	Rank of the leg on intermediate point i	required

Element	Data	Description	Required
<Speed>	decimal	Speed on intermediate point i in speed unit	required
<Diff>	decimal	Speed difference on intermediate point i	optional
<Rank>	integer	Rank on intermediate point i	required

5. Example result individual competition

```
<?xml version="1.0" encoding="utf-8"?>
<Fisresults>
  <Raceheader Sector="NK" Gender="M">
    <Season>2017</Season>
    <Codex>3945</Codex>
    <Nation>SLO</Nation>
    <Discipline>GU</Discipline>
    <Category>WC</Category>
    <Type>Official</Type>
    <Phase>F</Phase>
    <Racedate>
      <Day>26</Day>
      <Month>3</Month>
      <Year>2017</Year>
    </Racedate>
    <Eventname>FIS Nordic Combined World Cup</Eventname>
    <Place>Planica</Place>
    <Tempunit>C</Tempunit>
    <Longunit>m</Longunit>
    <Speedunit>kmh</Speedunit>
    <Windunit>ms</Windunit>
    <NK_photof />
  </Raceheader>
  <NK_race>
    <NK_raceinfo_jp>
      <Hill>LH</Hill>
      <Plastic>No</Plastic>
      <Hillsize>140</Hillsize>
      <Kpoint>125</Kpoint>
      <Mvalue>1.5</Mvalue>
      <Gatefactor>8.10</Gatefactor>
      <Windfactorhead>14.40</Windfactorhead>
      <Windfactortail>17.42</Windfactortail>
      <Secondperpoint>4.0</Secondperpoint>
      <Pointsperminute>15</Pointsperminute>
      <Jury Function="RACEDIRECTOR">
        <Lastname>OTTESEN</Lastname>
      </Jury Function>
    </NK_raceinfo_jp>
  </NK_race>
</Fisresults>
```

```
<Firstname>Lasse</Firstname>
<nation>FIS</nation>
</Jury>
<Jury Function="CHIEFCOMPETITION">
  <Lastname>PEKK</Lastname>
  <Firstname>Teet</Firstname>
  <Nation>EST</Nation>
</Jury>
<Jury Function="TECHNICALDELEGATE">
  <Lastname>GUGGENMOOS</Lastname>
  <Firstname>Toni</Firstname>
  <Nation>GER</Nation>
</Jury>
<Jury Function="TECHNICALDELEGATEASSISTANT">
  <Lastname>GRAVE</Lastname>
  <Firstname>Jan Rune</Firstname>
  <Nation>FIS</Nation>
</Jury>
<Member Function="EQUIPMENTCONTROL">
  <Lastname>KRAUS</Lastname>
  <Firstname>Guntram</Firstname>
  <Nation>GER</Nation>
</Member>
<Judges Function="A">
  <Lastname>Kathol</Lastname>
  <Firstname>Christian</Firstname>
  <nation>AUT</nation>
</Judges>
<Judges Function="B">
  <Lastname>Kumagai</Lastname>
  <Firstname>Takashi</Firstname>
  <nation>JPN</nation>
</Judges>
<Judges Function="C">
  <Lastname>Roenningen</Lastname>
  <Firstname>Martin</Firstname>
  <nation>NOR</nation>
</Judges>
<Judges Function="D">
  <Lastname>Kern</Lastname>
  <Firstname>Milos</Firstname>
```

```
<nation>SLO</nation>
</Judges>
<Judges Function="E">
  <Lastname>Frak</Lastname>
  <Firstname>Vladimir</Firstname>
  <nation>SVK</nation>
</Judges>
<Runinfo No="1">
  <Starttime>10:00</Starttime>
  <Endtime>11:10</Endtime>
  <Weather>
    <Starttime>09:50</Starttime>
    <Endtime>11:10</Endtime>
    <Place>TakeOff</Place>
    <Weather>cloudy</Weather>
    <Temperatureair>4.1</Temperatureair>
    <Temperaturesnow>-1.9</Temperaturesnow>
    <Humidity>88</Humidity>
    <Maxwindspeed>0.87</Maxwindspeed>
    <Minwindspeed>0.17</Minwindspeed>
    <Avgwindspeed>0.26</Avgwindspeed>
    <Winddirection>NE</Winddirection>
  </Weather>
  <Statistics>
    <Base>
      <Wind>0.00</Wind>
      <Gate>10</Gate>
      <Length>108.02</Length>
    </Base>
    <Group no="1">
      <Stats no="1">
        <Gate>08</Gate>
        <Diff>-2.20</Diff>
        <Athletes>3</Athletes>
        <Falls>0</Falls>
        <Distance>
          <Max>250.0</Max>
          <Min>222.5</Min>
          <Avg>237.0</Avg>
        </Distance>
        <Speed>
```

```

        <Max>105.2</Max>
        <Min>103.4</Min>
        <Avg>104.4</Avg>
    </Speed>
</Stats>
<Stats no="2">
    <Gate>09</Gate>
    <Diff>-1.11</Diff>
    <Athletes>3</Athletes>
    <Falls>0</Falls>
    <Distance>
        <Max>239.0</Max>
        <Min>225.5</Min>
        <Avg>231.1</Avg>
    </Distance>
    <Speed>
        <Max>105.8</Max>
        <Min>104.6</Min>
        <Avg>105.1</Avg>
    </Speed>
</Stats>
</Group>
<Instartlist>
    <Competitors>50</Competitors>
    <Nations>10</Nations>
</Instartlist>
<Started>
    <Competitors>50</Competitors>
    <Nations>10</Nations>
</Started>
<Withresults>
    <Competitors>49</Competitors>
    <Nations>10</Nations>
</Withresults>
</Statistics>
</Runinfo>
<Timingby>Swiss Timing - ST Sportservice GmbH</Timingby>
<Dataprocessingby>Swiss Timing - ST Sportservice
GmbH</Dataprocessingby>
    <Softwarecompany>Swiss Timing - ST Sportservice GmbH</Softwarecompany>
    <Softwarename>Skiman</Softwarename>

```

```

    <Softwareversion>4.3.1.0</Softwareversion>
  </NK_raceinfo_jp>
  <NK_raceinfo_cc>
    <Runinfo No="CC">
      <Course No="1">
        <Name>Kilparata race course</Name>
        <HD>45</HD>
        <MC>75</MC>
        <TC>265</TC>
        <Laplength>2500</Laplength>
        <Lapnumber>3</Lapnumber>
        <Style>Free</Style>
        <Intermediate i="1" type="time">
          <Distance>1500</Distance>
        </Intermediate>
        <Intermediate i="2" type="speed">
          <Distance>2600</Distance>
        </Intermediate>
        <Intermediate i="3" type="time">
          <Distance>5700</Distance>
        </Intermediate>
        <Intermediate i="99" type="time">
          <Distance>7500</Distance>
        </Intermediate>
      </Course>
      <Starttime>15:00</Starttime>
      <Endtime>16:00</Endtime>
      <Weather>
        <Starttime>15:00</Starttime>
        <Endtime>16:00</Endtime>
        <Place>Stadium</Place>
        <Weather>cloudy</Weather>
        <Temperatureair>4.1</Temperatureair>
        <Temperaturesnow>-1.9</Temperaturesnow>
        <Humidity>80</Humidity>
        <Maxwindspeed>0.87</Maxwindspeed>
        <Minwindspeed>0.17</Minwindspeed>
        <Avgwindspeed>0.26</Avgwindspeed>
        <Winddirection>N</Winddirection>
      </Weather>
      <Statistics>

```

```
<Entries>
  <Competitors>49</Competitors>
  <Nations>10</Nations>
</Entries>
<Ranked>
  <Competitors>45</Competitors>
  <Nations>10</Nations>
</Ranked>
<DSQ>
  <Competitors>1</Competitors>
  <Nations>1</Nations>
</DSQ>
<DQB>
  <Competitors>1</Competitors>
  <Nations>1</Nations>
</DQB>
<DNS>
  <Competitors>1</Competitors>
  <Nations>1</Nations>
</DNS>
<DNF>
  <Competitors>1</Competitors>
  <Nations>1</Nations>
</DNF>
<NPS>
  <Competitors>1</Competitors>
  <Nations>1</Nations>
</NPS>
<LAP>
  <Competitors>1</Competitors>
  <Nations>1</Nations>
</LAP>
</Statistics>
</Runinfo>
<Timingby>Swiss Timing - ST Sportservice GmbH</Timingby>
<Dataprocessingby>Swiss Timing - ST Sportservice
GmbH</Dataprocessingby>
  <Softwarecompany>Siwidata</Softwarecompany>
  <Softwarename>Raceman</Softwarename>
  <Softwareversion>6.8.9</Softwareversion>
</NK_raceinfo_cc>
```

```

<NK_classified>
  <NK_ranked Status="QLF">
    <Rank Pf="y">1</Rank>
    <Bib>28</Bib>
    <Competitor>
      <Fiscode>787878</Fiscode>
      <Lastname>Koch</Lastname>
      <Firstname>Martin</Firstname>
      <Gender>M</Gender>
      <Nation>AUT</Nation>
      <Yearofbirth>1982</Yearofbirth>
      <Clubname>Skiclub XY</Clubname>
    </Competitor>
    <NK_result>
      <Totaltime>27:37.3</Totaltime>
      <Diff>0.00</Diff>
      <Jumppoints>131.3</Jumppoints>
      <Jumprank>1</Jumprank>
      <Timediff>0:00</Timediff>
      <Racetime>27:37.3</Racetime>
      <Racerank>29</Racerank>
    </NK_result>
    <NK_resultdetail>
      <Jump No="1">
        <Distance>122.5</Distance>
        <Distancepoints>83.5</Distancepoints>
        <Pointsdescend>131.3</Pointsdescend>
        <Rank>2</Rank>
        <Speed>90.3</Speed>
        <Judgesmarks>
          <Totalpoints>51.5</Totalpoints>
          <A>16.5</A>
          <B>17.0</B>
          <C>17.0</C>
          <D>17.5</D>
          <E>17.5</E>
        </Judgesmarks>
        <Gate>12</Gate>
        <Gatepoints>-27.5</Gatepoints>
        <Wind>-0.15</Wind>
        <Windpoints>1.4</Windpoints>
      </Jump>
    </NK_resultdetail>
  </NK_ranked>
</NK_classified>

```

```
</Jump>
<Race>
  <Intermediate i="1">
    <Time>6:30.9</Time>
    <Diff>0.0</Diff>
    <Rank>1</Rank>
    <Sectortime>6:30.9</Sectortime>
    <Sectordiff>0.0</Sectordiff>
    <Sectorrank>1</Sectorrank>
  </Intermediate>
  <Intermediate i="2">
    <Speed>34.8</Speed>
    <Diff>0.0</Diff>
    <Rank>1</Rank>
  </Intermediate>
  <Intermediate i="3">
    <Time>19:54.2</Time>
    <Diff>0.0</Diff>
    <Rank>1</Rank>
    <Sectortime>13:23.3</Sectortime>
    <Sectordiff>0.0</Sectordiff>
    <Sectorrank>1</Sectorrank>
  </Intermediate>
  <Intermediate i="99">
    <Time>27:37.3</Time>
    <Diff>0.0</Diff>
    <Rank>1</Rank>
    <Sectortime>14:14.0</Sectortime>
    <Sectordiff>0.0</Sectordiff>
    <Sectorrank>1</Sectorrank>
  </Intermediate>
</Race>
</NK_resultdetail>
</NK_ranked>
<NK_ranked Status="QLF">
  <Rank Pf="y">2</Rank>
  <Bib>27</Bib>
  <Competitor>
    <Fiscode>2067</Fiscode>
    <Lastname>Ammann</Lastname>
    <Firstname>Simon</Firstname>
```

```
<Gender>M</Gender>
<Nation>SUI</Nation>
<Yearofbirth>1981</Yearofbirth>
<Clubname>Skiclub XY</Clubname>
</Competitor>
<NK_result>
  <Totaltime>27:37.4</Totaltime>
  <Diff>0.1</Diff>
  <Jumppoints>127.4</Jumppoints>
  <Jumprank>2</Jumprank>
  <Timediff>0:16</Timediff>
  <Racetime>27:29.3</Racetime>
  <Racerank>2</Racerank>
</NK_result>
<NK_resultdetail>
  <Jump No="1">
    <Distance>222.5</Distance>
    <Distancepoints>78.8</Distancepoints>
    <Pointsdescend>240.1</Pointsdescend>
    <Rank>1</Rank>
    <Speed>91.1</Speed>
    <Judgesmarks>
      <Totalpoints>55.0</Totalpoints>
      <A>18.0</A>
      <B>18.5</B>
      <C>18.5</C>
      <D>18.0</D>
      <E>18.5</E>
    </Judgesmarks>
    <Gate>12</Gate>
    <Gatepoints>-34.6</Gatepoints>
    <Wind>-0.15</Wind>
    <Windpoints>1.4</Windpoints>
  </Jump>
</NK_resultdetail>
<Race>
  <Intermediate i="1">
    <Time>6:31.9</Time>
    <Diff>1.0</Diff>
    <Rank>2</Rank>
    <Sectortime>6:29.5</Sectortime>
    <Sectordiff>0.0</Sectordiff>
  </Intermediate>
</Race>
```

```

        <Sectorrank>1</Sectorrank>
    </Intermediate>
    <Intermediate i="2">
        <Speed>33.8</Speed>
        <Diff>0.4</Diff>
        <Rank>4</Rank>
    </Intermediate>
    <Intermediate i="3">
        <Time>20:54.2</Time>
        <Diff>1:00.0</Diff>
        <Rank>10</Rank>
        <Sectortime>14:19.5</Sectortime>
        <Sectordiff>0.0</Sectordiff>
        <Sectorrank>1</Sectorrank>
    </Intermediate>
    <Intermediate i="99">
        <Time>27:37.3</Time>
        <Diff>2.2</Diff>
        <Rank>1</Rank>
        <Sectortime>7:59.5</Sectortime>
        <Sectordiff>0.0</Sectordiff>
        <Sectorrank>1</Sectorrank>
    </Intermediate>
</Race>
</NK_resultdetail>
</NK_ranked>
<!-- ... further <NK_ranked> elements omitted ... -->
<NK_ranked Status="QLF" Status2="LAP">
    <Rank>45</Rank>
    <Bib>27</Bib>
    <Competitor>
        <Fiscode>2067</Fiscode>
        <Lastname>Ammann</Lastname>
        <Firstname>Simon</Firstname>
        <Gender>M</Gender>
        <Nation>SUI</Nation>
        <Yearofbirth>1981</Yearofbirth>
        <Clubname>Skiclub XY</Clubname>
    </Competitor>
    <NK_result>
        <Jumppoints>127.4</Jumppoints>

```

```

    <Jumprank>2</Jumprank>
    <Timediff>0:16</Timediff>
  </NK_result>
  <NK_resultdetail>
    <Jump No="1">
      <Distance>222.5</Distance>
      <Distancepoints>78.8</Distancepoints>
      <Pointsdescend>240.1</Pointsdescend>
      <Rank>1</Rank>
      <Speed>91.1</Speed>
      <Judgesmarks>
        <Totalpoints>55.0</Totalpoints>
        <A>18.0</A>
        <B>18.5</B>
        <C>18.5</C>
        <D>18.0</D>
        <E>18.5</E>
      </Judgesmarks>
      <Gate>12</Gate>
      <Gatepoints>-34.6</Gatepoints>
      <Wind>-0.15</Wind>
      <Windpoints>1.4</Windpoints>
    </Jump>
    <Race>
      <Intermediate i="1">
        <Time>6:35.9</Time>
        <Diff>5.0</Diff>
        <Rank>3</Rank>
        <Sectortime>10:29.5</Sectortime>
        <Sectordiff>4:25.0</Sectordiff>
        <Sectorrank>30</Sectorrank>
      </Intermediate>
      <Intermediate i="2">
        <Speed>25.8</Speed>
        <Diff>14.0</Diff>
        <Rank>30</Rank>
      </Intermediate>
    </Race>
  </NK_resultdetail>
</NK_ranked>
<!-- ... further <NK_ranked> elements omitted ... -->

```

```
</NK_classified>
<NK_notclassified>
  <NK_notranked Status="DSQ">
    <Bib>69</Bib>
    <Competitor>
      <Fiscode></Fiscode>
      <Lastname>Kofler</Lastname>
      <Firstname>Andreas</Firstname>
      <Gender>M</Gender>
      <Nation>AUT</Nation>
      <Yearofbirth>1984</Yearofbirth>
      <Clubname>Skiclub XY</Clubname>
    </Competitor>
    <Reason>ICR 123.4</Reason>
  </NK_notranked>
  <NK_notranked Status="DNF">
    <Bib>16</Bib>
    <Competitor>
      <Fiscode></Fiscode>
      <Lastname>Kim</Lastname>
      <Firstname>Hyun-Ki</Firstname>
      <Gender>M</Gender>
      <Nation>KOR</Nation>
      <Yearofbirth>1983</Yearofbirth>
    </Competitor>
    <NK_resultdetail>
      <Jump No="1">
        <Distance>222.5</Distance>
        <Distancepoints>78.8</Distancepoints>
        <Pointsdescend>240.1</Pointsdescend>
        <Rank>1</Rank>
        <Speed>91.1</Speed>
        <Judgesmarks>
          <Totalpoints>55.0</Totalpoints>
          <A>18.0</A>
          <B>18.5</B>
          <C>18.5</C>
          <D>18.0</D>
          <E>18.5</E>
        </Judgesmarks>
        <Gate>12</Gate>
```

```
<Gatepoints>-34.6</Gatepoints>
<Wind>-0.15</Wind>
<Windpoints>1.4</Windpoints>
</Jump>
<Race>
  <Intermediate i="1">
    <Time>6:35.9</Time>
    <Diff>5.0</Diff>
    <Rank>3</Rank>
    <Sectortime>7:29.5</Sectortime>
    <Sectordiff>1:25.0</Sectordiff>
    <Sectorrank>20</Sectorrank>
  </Intermediate>
  <Intermediate i="2">
    <Speed>31.8</Speed>
    <Diff>3.0</Diff>
    <Rank>12</Rank>
  </Intermediate>
</Race>
</NK_resultdetail>
</NK_notranked>
<NK_notranked Status="DNS">
  <Bib>8</Bib>
  <Competitor>
    <Fiscode>2025</Fiscode>
    <Lastname>Choi</Lastname>
    <Firstname>Heung-Chul</Firstname>
    <Gender>M</Gender>
    <Nation>KOR</Nation>
    <Yearofbirth>1981</Yearofbirth>
  </Competitor>
</NK_notranked>
</NK_notclassified>
</NK_race>
</Fisresults>
```

6. Example result team competition

```
<?xml version="1.0" encoding="utf-8"?>
<Fisresults>
  <Raceheader Sector="NK" Gender="M">
    <Season>2011</Season>
    <Codex>9971</Codex>
    <Nation>FIN</Nation>
    <Discipline>TE</Discipline>
    <Category>WC</Category>
    <Type>Official</Type>
    <Training></Training>
    <Racedate>
      <Day>20</Day>
      <Month>11</Month>
      <Year>2010</Year>
    </Racedate>
    <Place>Kuusamo</Place>
    <Eventname>FIS WORLD CUP NORDIC COMBINED Team NH HS100/10.0 K</Eventname>
    <Phase></Phase>
    <Tempunit>C</Tempunit>
    <Longunit>m</Longunit>
    <Speedunit>kmh</Speedunit>
    <Windunit>ms</Windunit>
    <NK_photof />
  </Raceheader>
  <NK_race>
    <NK_raceinfo_jp>
      <Hill>LH</Hill>
      <Plastic>No</Plastic>
      <Hillsize>140</Hillsize>
      <Kpoint>125</Kpoint>
      <Mvalue>1.5</Mvalue>
      <Gatefactor>8.10</Gatefactor>
      <Windfactorhead>14.40</Windfactorhead>
      <Windfactortail>17.42</Windfactortail>
      <Secondperpoint>1.333333</Secondperpoint>
      <Pointsperminute>45</Pointsperminute>
      <Jury Function="RACEDIRECTOR">
```

```
<Lastname>OTTESEN</Lastname>
<Firstname>Lasse</Firstname>
<nation>FIS</nation>
</Jury>
<Jury Function="CHIEFCOMPETITION">
  <Lastname>PEKK</Lastname>
  <Firstname>Teet</Firstname>
  <Nation>EST</Nation>
</Jury>
<Jury Function="TECHNICALDELEGATE">
  <Lastname>GUGGENMOOS</Lastname>
  <Firstname>Toni</Firstname>
  <Nation>GER</Nation>
</Jury>
<Jury Function="TECHNICALDELEGATEASSISTANT">
  <Lastname>GRAVE</Lastname>
  <Firstname>Jan Rune</Firstname>
  <Nation>FIS</Nation>
</Jury>
<Member Function="EQUIPMENTCONTROL">
  <Lastname>KRAUS</Lastname>
  <Firstname>Guntram</Firstname>
  <Nation>GER</Nation>
</Member>
<Judges Function="A">
  <Lastname>Kathol</Lastname>
  <Firstname>Christian</Firstname>
  <nation>AUT</nation>
</Judges>
<Judges Function="B">
  <Lastname>Kumagai</Lastname>
  <Firstname>Takashi</Firstname>
  <nation>JPN</nation>
</Judges>
<Judges Function="C">
  <Lastname>Roenningen</Lastname>
  <Firstname>Martin</Firstname>
  <nation>NOR</nation>
</Judges>
<Judges Function="D">
  <Lastname>Kern</Lastname>
```

```
<Firstname>Milos</Firstname>
<nation>SLO</nation>
</Judges>
<Judges Function="E">
  <Lastname>Frak</Lastname>
  <Firstname>Vladimir</Firstname>
  <nation>SVK</nation>
</Judges>
<Runinfo No="1">
  <Starttime>10:00</Starttime>
  <Endtime>11:10</Endtime>
  <Weather>
    <Starttime>09:50</Starttime>
    <Endtime>11:10</Endtime>
    <Place>TakeOff</Place>
    <Weather>cloudy</Weather>
    <Temperatureair>4.1</Temperatureair>
    <Temperaturesnow>-1.9</Temperaturesnow>
    <Humidity>88</Humidity>
    <Maxwindspeed>0.87</Maxwindspeed>
    <Minwindspeed>0.17</Minwindspeed>
    <Avgwindspeed>0.26</Avgwindspeed>
    <Winddirection>NE</Winddirection>
  </Weather>
  <Statistics>
    <Base>
      <Wind>0.00</Wind>
      <Gate>10</Gate>
      <Length>108.02</Length>
    </Base>
    <Group no="1">
      <Stats no="1">
        <Gate>08</Gate>
        <Diff>-2.20</Diff>
        <Athletes>3</Athletes>
        <Falls>0</Falls>
        <Distance>
          <Max>150.0</Max>
          <Min>122.5</Min>
          <Avg>137.0</Avg>
        </Distance>
      </Stats>
    </Group>
  </Statistics>
</Runinfo>
```

```

        <Speed>
            <Max>105.2</Max>
            <Min>103.4</Min>
            <Avg>104.4</Avg>
        </Speed>
    </Stats>
</Group>
<Instartlist>
    <Competitors>50</Competitors>
    <Nations>10</Nations>
</Instartlist>
<Started>
    <Competitors>50</Competitors>
    <Nations>10</Nations>
</Started>
<Withresults>
    <Competitors>49</Competitors>
    <Nations>10</Nations>
</Withresults>
</Statistics>
</Runinfo>
<Timingby>Swiss Timing - ST Sportservice GmbH</Timingby>
<Dataprocessingby>Swiss Timing - ST Sportservice
GmbH</Dataprocessingby>
    <Softwarecompany>Swiss Timing - ST Sportservice GmbH</Softwarecompany>
    <Softwarename>Skiman</Softwarename>
    <Softwareversion>4.3.1.0</Softwareversion>
</NK_raceinfo_jp>
<NK_raceinfo_cc>
    <Runinfo No="CC">
        <Course No="1">
            <Name>Kilparata race course</Name>
            <HD>45</HD>
            <MC>75</MC>
            <TC>265</TC>
            <Style>F</Style>
            <Laplength>2500</Laplength>
            <Lapnumber>4</Lapnumber>
            <Intermediate i="1" type="time">
                <Distance>1250</Distance>
            </Intermediate>
        </Course>
    </Runinfo>
</NK_raceinfo_cc>

```

```
<Intermediate i="2" type="time">
  <Distance>2500</Distance>
</Intermediate>
<Intermediate i="3" type="time">
  <Distance>3750</Distance>
</Intermediate>
<Intermediate i="4" type="time">
  <Distance>5000</Distance>
</Intermediate>
<Intermediate i="5" type="time">
  <Distance>6250</Distance>
</Intermediate>
<Intermediate i="6" type="time">
  <Distance>7500</Distance>
</Intermediate>
<Intermediate i="7" type="time">
  <Distance>8750</Distance>
</Intermediate>
<Intermediate i="8" type="speed">
  <Distance>9500</Distance>
</Intermediate>
<Intermediate i="99" type="time">
  <Distance>10000</Distance>
</Intermediate>
</Course>
<Starttime>15:00</Starttime>
<Endtime>16:00</Endtime>
<Weather>
  <Starttime>15:00</Starttime>
  <Endtime>16:00</Endtime>
  <Place>Stadium</Place>
  <Weather>cloudy</Weather>
  <Temperatureair>4.1</Temperatureair>
  <Temperaturesnow>-1.9</Temperaturesnow>
  <Humidity>80</Humidity>
  <Maxwindspeed>0.87</Maxwindspeed>
  <Minwindspeed>0.17</Minwindspeed>
  <Avgwindspeed>0.26</Avgwindspeed>
  <Winddirection>NW</Winddirection>
</Weather>
<Statistics>
```

```

    <Entries>
      <Competitors>49</Competitors>
      <Nations>10</Nations>
    </Entries>
    <Ranked>
      <Competitors>45</Competitors>
      <Nations>10</Nations>
    </Ranked>
    <DSQ>
      <Competitors>1</Competitors>
      <Nations>1</Nations>
    </DSQ>
    <DQB>
      <Competitors>1</Competitors>
      <Nations>1</Nations>
    </DQB>
    <DNS>
      <Competitors>1</Competitors>
      <Nations>1</Nations>
    </DNS>
    <DNF>
      <Competitors>1</Competitors>
      <Nations>1</Nations>
    </DNF>
    <NPS>
      <Competitors>1</Competitors>
      <Nations>1</Nations>
    </NPS>
    <LAP>
      <Competitors>1</Competitors>
      <Nations>1</Nations>
    </LAP>
  </Statistics>
</Runinfo>
<Timingby>Swiss Timing - ST Sportservice GmbH</Timingby>
<Dataprocessingby>Swiss Timing - ST Sportservice
GmbH</Dataprocessingby>
  <Softwarecompany>Swiss Timing - ST Sportservice GmbH</Softwarecompany>
  <Softwarename>Raceman</Softwarename>
  <Softwareversion>6.8.9</Softwareversion>
</NK_raceinfo_cc>

```

```
<NK_classified>
  <NK_ranked Status="QLF">
    <Rank Pf="y">1</Rank>
    <Bib Color="red">1</Bib>
    <Team>
      <Fiscode>908089</Fiscode>
      <Teamname>Austria</Teamname>
      <Nation>AUT</Nation>
    </Team>
  <NK_result>
    <Totaltime>48:56.3</Totaltime>
    <Diff>0.00</Diff>
    <Jumppoints>473.5</Jumppoints>
    <Jumprank>2</Jumprank>
    <Timediff>0:10</Timediff>
    <Racetime>47:33.3</Racetime>
    <Racerank>1</Racerank>
  </NK_result>
  <NK_resultdetail>
    <Jump No="1">
      <Pointsdescend>121.5</Pointsdescend>
      <Rank>2</Rank>
    </Jump>
    <Jump No="2">
      <Pointsdescend>116.5</Pointsdescend>
      <Rank>2</Rank>
    </Jump>
    <Jump No="3">
      <Pointsdescend>117.6</Pointsdescend>
      <Rank>1</Rank>
    </Jump>
    <Jump No="4">
      <Pointsdescend>119.5</Pointsdescend>
      <Rank>2</Rank>
    </Jump>
    <Race>
      <Intermediate i="1">
        <Time>6:59.4</Time>
        <Diff>7.9</Diff>
        <Rank>5</Rank>
        <Sectortime>6:30.9</Sectortime>
      </Intermediate>
    </Race>
  </NK_resultdetail>
</NK_classified>
```

```
<Sectordiff>0.0</Sectordiff>
<Sectorrank>1</Sectorrank>
</Intermediate>
<Intermediate i="2">
  <Time>12:59.4</Time>
  <Diff>7.9</Diff>
  <Rank>5</Rank>
  <Sectortime>6:29.5</Sectortime>
  <Sectordiff>0.0</Sectordiff>
  <Sectorrank>1</Sectorrank>
</Intermediate>
<Intermediate i="3">
  <Time>18:17.2</Time>
  <Diff>3.6</Diff>
  <Rank>2</Rank>
  <Sectortime>6:30.9</Sectortime>
  <Sectordiff>0.0</Sectordiff>
  <Sectorrank>1</Sectorrank>
</Intermediate>
<Intermediate i="4">
  <Time>25:17.2</Time>
  <Diff>3.6</Diff>
  <Rank>2</Rank>
  <Sectortime>2:04.9</Sectortime>
  <Sectordiff>0.0</Sectordiff>
  <Sectorrank>1</Sectorrank>
</Intermediate>
<Intermediate i="5">
  <Time>30:33.3</Time>
  <Diff>0.2</Diff>
  <Rank>2</Rank>
  <Sectortime>6:30.9</Sectortime>
  <Sectordiff>0.0</Sectordiff>
  <Sectorrank>1</Sectorrank>
</Intermediate>
<Intermediate i="6">
  <Time>36:33.3</Time>
  <Diff>0.2</Diff>
  <Rank>2</Rank>
  <Sectortime>2:04.9</Sectortime>
  <Sectordiff>0.0</Sectordiff>
```

```

        <Sectorrank>1</Sectorrank>
    </Intermediate>
    <Intermediate i="7">
        <Time>42:33.3</Time>
        <Diff>0.2</Diff>
        <Rank>2</Rank>
        <Sectortime>6:30.9</Sectortime>
        <Sectordiff>0.0</Sectordiff>
        <Sectorrank>1</Sectorrank>
    </Intermediate>
    <Intermediate i="99">
        <Time>48:56.3</Time>
        <Diff>0.0</Diff>
        <Rank>1</Rank>
        <Sectortime>6:26.9</Sectortime>
        <Sectordiff>0.0</Sectordiff>
        <Sectorrank>1</Sectorrank>
    </Intermediate>
</Race>
</NK_resultdetail>
<NK_team>
    <NK_ranked>
        <Bib Color="red" Leg="1">11</Bib>
        <Competitor>
            <Fiscode>34523452</Fiscode>
            <Lastname>Koch</Lastname>
            <Firstname>Martin</Firstname>
            <Gender>M</Gender>
            <Nation>AUT</Nation>
            <Yearofbirth>1982</Yearofbirth>
            <Clubname>Skiclub XY</Clubname>
        </Competitor>
    <NK_resultdetail>
        <Jump No="1">
            <Distance>100.5</Distance>
            <Distancepoints>83.5</Distancepoints>
            <Pointsdescend>121.5</Pointsdescend>
            <Rank>2</Rank>
            <Speed>90.3</Speed>
            <Judgesmarks>
                <Totalpoints>51.5</Totalpoints>
            </Judgesmarks>
        </Jump>
    </NK_resultdetail>
</NK_team>

```

```

        <A counted="no">16.5</A>
        <B counted="yes">17.0</B>
        <C counted="yes">17.0</C>
        <D counted="yes">17.5</D>
        <E counted="no">17.5</E>
    </Judgesmarks>
    <Gate>12</Gate>
    <Gatepoints>-27.5</Gatepoints>
    <Wind>-0.15</Wind>
    <Windpoints>1.4</Windpoints>
</Jump>
<Race>
    <Intermediate i="1">
        <Time>6:20.9</Time>
        <Diff>5.0</Diff>
        <Rank>2</Rank>
    </Intermediate>
    <Intermediate i="2">
        <Time>11:59.4</Time>
        <Diff>7.9</Diff>
        <Rank>5</Rank>
    </Intermediate>
</Race>
</NK_resultdetail>
</NK_ranked>
<NK_ranked Status="QLF">
    <Bib Color="green" Leg="2">12</Bib>
    <Competitor>
        <Fiscode>4535345</Fiscode>
        <Lastname>Reischer</Lastname>
        <Firstname>Simon</Firstname>
        <Gender>M</Gender>
        <Nation>AUT</Nation>
        <Yearofbirth>1981</Yearofbirth>
        <Clubname>Skiclub XY</Clubname>
    </Competitor>
    <NK_resultdetail>
        <Jump No="1">
            <Distance>98.5</Distance>
            <Distancepoints>83.5</Distancepoints>
            <Pointsdescend>116.5</Pointsdescend>

```

```

    <Rank>2</Rank>
    <Speed>90.3</Speed>
    <Judgesmarks>
      <Totalpoints>51.5</Totalpoints>
      <A counted="no">16.5</A>
      <B counted="yes">17.0</B>
      <C counted="yes">17.0</C>
      <D counted="yes">17.5</D>
      <E counted="no">17.5</E>
    </Judgesmarks>
    <Gate>12</Gate>
    <Gatepoints>-27.5</Gatepoints>
    <Wind>-0.15</Wind>
    <Windpoints>1.4</Windpoints>
  </Jump>
  <Race>
    <Intermediate i="3">
      <Time>6:35.9</Time>
      <Diff>5.0</Diff>
      <Rank>2</Rank>
    </Intermediate>
    <Intermediate i="4">
      <Time>13:59.4</Time>
      <Diff>7.9</Diff>
      <Rank>5</Rank>
    </Intermediate>
  </Race>
</NK_resultdetail>
</NK_ranked>
<NK_ranked Status="QLF">
  <Bib Color="yellow" Leg="3">13</Bib>
  <Competitor>
    <Fiscode>54644</Fiscode>
    <Lastname>Mueller</Lastname>
    <Firstname>Rene</Firstname>
    <Gender>M</Gender>
    <Nation>AUT</Nation>
    <Yearofbirth>1981</Yearofbirth>
    <Clubname>Skiclub XY</Clubname>
  </Competitor>
  <NK_resultdetail>

```

```

    <Jump No="1">
      <Distance>98.5</Distance>
      <Distancepoints>83.5</Distancepoints>
      <Pointsdescend>116.5</Pointsdescend>
      <Rank>2</Rank>
      <Speed>90.3</Speed>
      <Judgesmarks>
        <Totalpoints>51.5</Totalpoints>
        <A counted="no">16.5</A>
        <B counted="yes">17.0</B>
        <C counted="yes">17.0</C>
        <D counted="yes">17.5</D>
        <E counted="no">17.5</E>
      </Judgesmarks>
      <Gate>12</Gate>
      <Gatepoints>-27.5</Gatepoints>
      <Wind>-0.15</Wind>
      <Windpoints>1.4</Windpoints>
    </Jump>
    <Race>
      <Intermediate i="5">
        <Time>6:30.9</Time>
        <Diff>5.0</Diff>
        <Rank>2</Rank>
      </Intermediate>
      <Intermediate i="6">
        <Time>13:59.4</Time>
        <Diff>7.9</Diff>
        <Rank>5</Rank>
      </Intermediate>
    </Race>
  </NK_resultdetail>
</NK_ranked>
<NK_ranked Status="QLF">
  <Bib Color="blue" Leg="4">14</Bib>
  <Competitor>
    <Fiscode>54644</Fiscode>
    <Lastname>Schneider</Lastname>
    <Firstname>Matthias</Firstname>
    <Gender>M</Gender>
    <Nation>AUT</Nation>
  </Competitor>
</NK_ranked>

```

```

    <Yearofbirth>1981</Yearofbirth>
    <Clubname>Skiclub XY</Clubname>
  </Competitor>
  <NK_resultdetail>
    <Jump No="1">
      <Distance>98.5</Distance>
      <Distancepoints>83.5</Distancepoints>
      <Pointsdescend>116.5</Pointsdescend>
      <Rank>2</Rank>
      <Speed>90.3</Speed>
      <Judgesmarks>
        <Totalpoints>51.5</Totalpoints>
        <A counted="no">16.5</A>
        <B counted="yes">17.0</B>
        <C counted="yes">17.0</C>
        <D counted="yes">17.5</D>
        <E counted="no">17.5</E>
      </Judgesmarks>
      <Gate>12</Gate>
      <Gatepoints>-27.5</Gatepoints>
      <Wind>-0.15</Wind>
      <Windpoints>1.4</Windpoints>
    </Jump>
    <Race>
      <Intermediate i="7">
        <Time>6:36.9</Time>
        <Diff>5.0</Diff>
        <Rank>2</Rank>
      </Intermediate>
      <Intermediate i="8">
        <Speed>30.9</Speed>
        <Diff>1.0</Diff>
        <Rank>2</Rank>
      </Intermediate>
      <Intermediate i="99">
        <Time>10:34.8</Time>
        <Diff>0.0</Diff>
        <Rank>1</Rank>
      </Intermediate>
    </Race>
  </NK_resultdetail>

```

```

        </NK_ranked>
    </NK_team>
</NK_ranked>
<NK_ranked Status="QLF">
    <Rank Pf="y">2</Rank>
    <Bib>4</Bib>
    <Team>
        <Fiscode>879542</Fiscode>
        <Teamname>Norway</Teamname>
        <Nation>NOR</Nation>
    </Team>
    <NK_result>
        <Totaltime>48:59.3</Totaltime>
        <Diff>3.00</Diff>
        <Jumppoints>473.5</Jumppoints>
        <Jumprank>3</Jumprank>
        <Timediff>0:12</Timediff>
        <Racetime>48:33.3</Racetime>
        <Racerank>2</Racerank>
    </NK_result>
    <NK_resultdetail>
        <!-- ... child elements of <NK_resultdetail> omitted ... -->
    </NK_resultdetail>
    <NK_team>
        <!-- ... child elements of <NK_team> omitted ... -->
    </NK_team>
</NK_ranked>
<!-- ... further <NK_ranked> elements omitted ... -->
<NK_ranked Status="QLF" Status2="LAP">
    <Rank>10</Rank>
    <Bib>14</Bib>
    <Team>
        <Fiscode>897987</Fiscode>
        <Teamname>Estonia</Teamname>
        <Nation>EST</Nation>
    </Team>
    <NK_result>
        <Jumppoints>473.5</Jumppoints>
        <Jumprank>2</Jumprank>
        <Timediff>0:10</Timediff>
    </NK_result>

```

```
<NK_resultdetail>
  <Jump No="1">
    <Pointsdescend>121.5</Pointsdescend>
    <Rank>2</Rank>
  </Jump>
  <Jump No="2">
    <Pointsdescend>116.5</Pointsdescend>
    <Rank>2</Rank>
  </Jump>
  <Jump No="3">
    <Pointsdescend>117.6</Pointsdescend>
    <Rank>1</Rank>
  </Jump>
  <Jump No="4">
    <Pointsdescend>119.5</Pointsdescend>
    <Rank>2</Rank>
  </Jump>
  <Race>
    <Intermediate i="1">
      <Time>6:59.4</Time>
      <Diff>7.9</Diff>
      <Rank>5</Rank>
      <Sectortime>6:30.9</Sectortime>
      <Sectordiff>0.0</Sectordiff>
      <Sectorrank>1</Sectorrank>
    </Intermediate>
    <Intermediate i="2">
      <Time>12:59.4</Time>
      <Diff>7.9</Diff>
      <Rank>5</Rank>
      <Sectortime>6:29.5</Sectortime>
      <Sectordiff>0.0</Sectordiff>
      <Sectorrank>1</Sectorrank>
    </Intermediate>
    <Intermediate i="3">
      <Time>18:17.2</Time>
      <Diff>3.6</Diff>
      <Rank>2</Rank>
      <Sectortime>6:30.9</Sectortime>
      <Sectordiff>0.0</Sectordiff>
      <Sectorrank>1</Sectorrank>
    </Intermediate>
  </Race>
</NK_resultdetail>
```

```
</Intermediate>
<Intermediate i="4">
  <Time>25:17.2</Time>
  <Diff>3.6</Diff>
  <Rank>2</Rank>
  <Sectortime>2:04.9</Sectortime>
  <Sectordiff>0.0</Sectordiff>
  <Sectorrank>1</Sectorrank>
</Intermediate>
<Intermediate i="5">
  <Time>30:33.3</Time>
  <Diff>0.2</Diff>
  <Rank>2</Rank>
  <Sectortime>6:30.9</Sectortime>
  <Sectordiff>0.0</Sectordiff>
  <Sectorrank>1</Sectorrank>
</Intermediate>
<Intermediate i="6">
  <Time>36:33.3</Time>
  <Diff>0.2</Diff>
  <Rank>2</Rank>
  <Sectortime>2:04.9</Sectortime>
  <Sectordiff>0.0</Sectordiff>
  <Sectorrank>1</Sectorrank>
</Intermediate>
<Intermediate i="7">
  <Time>42:33.3</Time>
  <Diff>0.2</Diff>
  <Rank>2</Rank>
  <Sectortime>6:30.9</Sectortime>
  <Sectordiff>0.0</Sectordiff>
  <Sectorrank>1</Sectorrank>
</Intermediate>
<Intermediate i="99">
  <Time>48:56.3</Time>
  <Diff>0.0</Diff>
  <Rank>1</Rank>
  <Sectortime>6:26.9</Sectortime>
  <Sectordiff>0.0</Sectordiff>
  <Sectorrank>1</Sectorrank>
</Intermediate>
```

```

    </Race>
  </NK_resultdetail>
  <NK_team>
    <NK_ranked Status="QLF">
      <Bib Color="red" Leg="1">141</Bib>
      <Competitor>
        <Fiscode>789789</Fiscode>
        <Lastname>Koch</Lastname>
        <Firstname>Martin</Firstname>
        <Gender>M</Gender>
        <Nation>EST</Nation>
        <Yearofbirth>1982</Yearofbirth>
        <Clubname>Skiclub XY</Clubname>
      </Competitor>
    <NK_resultdetail>
      <Jump No="1">
        <Distance>100.5</Distance>
        <Distancepoints>83.5</Distancepoints>
        <Pointsdescend>121.5</Pointsdescend>
        <Rank>2</Rank>
        <Speed>90.3</Speed>
        <Judgesmarks>
          <Totalpoints>51.5</Totalpoints>
          <A counted="no">16.5</A>
          <B counted="yes">17.0</B>
          <C counted="yes">17.0</C>
          <D counted="yes">17.5</D>
          <E counted="no">17.5</E>
        </Judgesmarks>
        <Gate>12</Gate>
        <Gatepoints>-27.5</Gatepoints>
        <Wind>-0.15</Wind>
        <Windpoints>1.4</Windpoints>
      </Jump>
    <Race>
      <Intermediate i="1">
        <Time>6:30.9</Time>
        <Diff>5.0</Diff>
        <Rank>2</Rank>
      </Intermediate>
      <Intermediate i="2">

```

```

        <Time>12:59.4</Time>
        <Diff>7.9</Diff>
        <Rank>5</Rank>
    </Intermediate>
</Race>
</NK_resultdetail>
</NK_ranked>
<NK_ranked Status="QLF">
    <Bib Color="green" Leg="2">142</Bib>
    <Competitor>
        <Fiscode>456456</Fiscode>
        <Lastname>Reischer</Lastname>
        <Firstname>Simon</Firstname>
        <Gender>M</Gender>
        <Nation>EST</Nation>
        <Yearofbirth>1981</Yearofbirth>
        <Clubname>Skiclub XY</Clubname>
    </Competitor>
    <NK_resultdetail>
        <Jump No="1">
            <Distance>98.5</Distance>
            <Distancepoints>83.5</Distancepoints>
            <Pointsdescend>116.5</Pointsdescend>
            <Rank>2</Rank>
            <Speed>90.3</Speed>
            <Judgesmarks>
                <Totalpoints>51.5</Totalpoints>
                <A counted="no">16.5</A>
                <B counted="yes">17.0</B>
                <C counted="yes">17.0</C>
                <D counted="yes">17.5</D>
                <E counted="no">17.5</E>
            </Judgesmarks>
            <Gate>12</Gate>
            <Gatepoints>-27.5</Gatepoints>
            <Wind>-0.15</Wind>
            <Windpoints>1.4</Windpoints>
        </Jump>
    </Race>
    <Intermediate i="3">
        <Time>6:30.9</Time>
    </Intermediate>
</NK_ranked>

```

```

        <Diff>5.0</Diff>
        <Rank>2</Rank>
    </Intermediate>
    <Intermediate i="4">
        <Time>11:34.8</Time>
        <Diff>0.0</Diff>
        <Rank>1</Rank>
    </Intermediate>
</Race>
</NK_resultdetail>
</NK_ranked>
<NK_ranked Status="QLF">
    <Bib Color="yellow" Leg="3">143</Bib>
    <Competitor>
        <Fiscode>456456</Fiscode>
        <Lastname>Mueller</Lastname>
        <Firstname>Rene</Firstname>
        <Gender>M</Gender>
        <Nation>EST</Nation>
        <Yearofbirth>1981</Yearofbirth>
        <Clubname>Skiclub XY</Clubname>
    </Competitor>
    <NK_resultdetail>
        <Jump No="1">
            <Distance>98.5</Distance>
            <Distancepoints>83.5</Distancepoints>
            <Pointsdescend>116.5</Pointsdescend>
            <Rank>2</Rank>
            <Speed>90.3</Speed>
            <Judgesmarks>
                <Totalpoints>51.5</Totalpoints>
                <A counted="no">16.5</A>
                <B counted="yes">17.0</B>
                <C counted="yes">17.0</C>
                <D counted="yes">17.5</D>
                <E counted="no">17.5</E>
            </Judgesmarks>
            <Gate>12</Gate>
            <Gatepoints>-27.5</Gatepoints>
            <Wind>-0.15</Wind>
            <Windpoints>1.4</Windpoints>
        </Jump>
    </NK_resultdetail>
</NK_ranked>

```

```

    </Jump>
    <Race>
      <Intermediate i="5">
        <Time>26:30.9</Time>
        <Diff>5.0</Diff>
        <Rank>2</Rank>
      </Intermediate>
    </Race>
  </NK_resultdetail>
</NK_ranked>
<NK_ranked Status="QLF">
  <Bib Color="blue" Leg="4">144</Bib>
  <Competitor>
    <Fiscode>54644</Fiscode>
    <Lastname>Schneider</Lastname>
    <Firstname>Matthias</Firstname>
    <Gender>M</Gender>
    <Nation>AUT</Nation>
    <Yearofbirth>1981</Yearofbirth>
    <Clubname>Skiclub XY</Clubname>
  </Competitor>
  <NK_resultdetail>
    <Jump No="1">
      <Distance>98.5</Distance>
      <Distancepoints>83.5</Distancepoints>
      <Pointsdescend>116.5</Pointsdescend>
      <Rank>2</Rank>
      <Speed>90.3</Speed>
      <Judgesmarks>
        <Totalpoints>51.5</Totalpoints>
        <A counted="no">16.5</A>
        <B counted="yes">17.0</B>
        <C counted="yes">17.0</C>
        <D counted="yes">17.5</D>
        <E counted="no">17.5</E>
      </Judgesmarks>
      <Gate>12</Gate>
      <Gatepoints>-27.5</Gatepoints>
      <Wind>-0.15</Wind>
      <Windpoints>1.4</Windpoints>
    </Jump>
  </NK_resultdetail>
</NK_ranked>

```

```

        </NK_resultdetail>
    </NK_ranked>
</NK_team>
</NK_ranked>
<!-- ... further <NK_ranked> elements omitted ... -->
</NK_classified>
<NK_notclassified>
    <NK_notranked Status="DNF">
        <Bib>11</Bib>
        <Team>
            <Fiscode>453245</Fiscode>
            <Teamname>Germany</Teamname>
            <Nation>GER</Nation>
        </Team>
        <NK_resultdetail>
            <Jump No="1">
                <Pointsdescend>121.5</Pointsdescend>
                <Rank>2</Rank>
            </Jump>
            <Jump No="2">
                <Pointsdescend>113.5</Pointsdescend>
                <Rank>5</Rank>
            </Jump>
            <Jump No="3">
                <Pointsdescend>114.6</Pointsdescend>
                <Rank>5</Rank>
            </Jump>
            <Jump No="4">
                <Pointsdescend>117.5</Pointsdescend>
                <Rank>3</Rank>
            </Jump>
            <Race>
                <Intermediate i="1">
                    <Time>6:59.4</Time>
                    <Diff>7.9</Diff>
                    <Rank>5</Rank>
                    <Sectortime>6:30.9</Sectortime>
                    <Sectordiff>0.0</Sectordiff>
                    <Sectorrank>1</Sectorrank>
                </Intermediate>
                <Intermediate i="2">

```

```

    <Time>12:59.4</Time>
    <Diff>7.9</Diff>
    <Rank>5</Rank>
    <Sectortime>6:29.5</Sectortime>
    <Sectordiff>0.0</Sectordiff>
    <Sectorrank>1</Sectorrank>
  </Intermediate>
</Race>
</NK_resultdetail>
<NK_team>
  <NK_notranked Status="DNF">
    <Bib Color="red" Leg="1">111</Bib>
    <Competitor>
      <Fiscode>2815</Fiscode>
      <Lastname>NEUMAYER</Lastname>
      <Firstname>Michael</Firstname>
      <Gender>M</Gender>
      <Nation>GER</Nation>
      <Yearofbirth>1982</Yearofbirth>
      <Clubname>Skiclub XY</Clubname>
    </Competitor>
  <NK_resultdetail>
    <Jump No="1">
      <Distance>120.5</Distance>
      <Distancepoints>78.8</Distancepoints>
      <Pointsdescend>115.1</Pointsdescend>
      <Rank>6</Rank>
      <Speed>91.1</Speed>
      <Judgesmarks>
        <Totalpoints>55.0</Totalpoints>
        <A counted="no">18.0</A>
        <B counted="no">18.5</B>
        <C counted="yes">18.5</C>
        <D counted="yes">18.0</D>
        <E counted="yes">18.5</E>
      </Judgesmarks>
      <Gate>12</Gate>
      <Gatepoints>-34.6</Gatepoints>
      <Wind>-0.15</Wind>
      <Windpoints>1.4</Windpoints>
    </Jump>
  </NK_resultdetail>
</NK_team>

```

```

    <Race>
      <Intermediate i="1">
        <Time>6:40.9</Time>
        <Diff>15.0</Diff>
        <Rank>5</Rank>
      </Intermediate>
      <Intermediate i="2">
        <Time>12:54.8</Time>
        <Diff>20.0</Diff>
        <Rank>6</Rank>
      </Intermediate>
    </Race>
  </NK_resultdetail>
</NK_notranked>
<NK_notranked Status="DNF">
  <Bib Color="green" Leg="2">112</Bib>
  <Competitor>
    <Fiscode>234234</Fiscode>
    <Lastname>Winter</Lastname>
    <Firstname>Martin</Firstname>
    <Gender>M</Gender>
    <Nation>GER</Nation>
    <Yearofbirth>1981</Yearofbirth>
    <Clubname>Skiclub XY</Clubname>
  </Competitor>
  <NK_resultdetail>
    <Jump No="1">
      <Distance>123.5</Distance>
      <Distancepoints>78.8</Distancepoints>
      <Pointsdescend>117.1</Pointsdescend>
      <Rank>2</Rank>
      <Speed>91.1</Speed>
      <Judgesmarks>
        <Totalpoints>55.0</Totalpoints>
        <A counted="no">18.0</A>
        <B counted="no">18.5</B>
        <C counted="yes">18.5</C>
        <D counted="yes">18.0</D>
        <E counted="yes">18.5</E>
      </Judgesmarks>
      <Gate>12</Gate>
    </Jump>
  </NK_resultdetail>
</NK_notranked>

```

```

        <Gatepoints>-34.6</Gatepoints>
        <Wind>-0.15</Wind>
        <Windpoints>1.4</Windpoints>
    </Jump>
</NK_resultdetail>
</NK_notranked>
<NK_notranked Status="DNF">
    <Bib Color="yellow" Leg="3">113</Bib>
    <Competitor>
        <Fiscode>78451</Fiscode>
        <Lastname>Meier</Lastname>
        <Firstname>Ralf</Firstname>
        <Gender>M</Gender>
        <Nation>GER</Nation>
        <Yearofbirth>1981</Yearofbirth>
        <Clubname>Skiclub XY</Clubname>
    </Competitor>
    <NK_resultdetail>
        <Jump No="1">
            <Distance>123.5</Distance>
            <Distancepoints>78.8</Distancepoints>
            <Pointsdescend>117.1</Pointsdescend>
            <Rank>2</Rank>
            <Speed>91.1</Speed>
            <Judgesmarks>
                <Totalpoints>55.0</Totalpoints>
                <A counted="no">18.0</A>
                <B counted="no">18.5</B>
                <C counted="yes">18.5</C>
                <D counted="yes">18.0</D>
                <E counted="yes">18.5</E>
            </Judgesmarks>
            <Gate>12</Gate>
            <Gatepoints>-34.6</Gatepoints>
            <Wind>-0.15</Wind>
            <Windpoints>1.4</Windpoints>
        </Jump>
    </NK_resultdetail>
</NK_notranked>
<NK_notranked Status="DNF">
    <Bib Color="blue" Leg="4">114</Bib>

```

```

    <Competitor>
      <Fiscode>54654</Fiscode>
      <Lastname>Sebert</Lastname>
      <Firstname>Eik</Firstname>
      <Gender>M</Gender>
      <Nation>GER</Nation>
      <Yearofbirth>1981</Yearofbirth>
      <Clubname>Skiclub XY</Clubname>
    </Competitor>
    <NK_resultdetail>
      <Jump No="1">
        <Distance>123.5</Distance>
        <Distancepoints>78.8</Distancepoints>
        <Pointsdescend>117.1</Pointsdescend>
        <Rank>2</Rank>
        <Speed>91.1</Speed>
        <Judgesmarks>
          <Totalpoints>55.0</Totalpoints>
          <A counted="no">18.0</A>
          <B counted="no">18.5</B>
          <C counted="yes">18.5</C>
          <D counted="yes">18.0</D>
          <E counted="yes">18.5</E>
        </Judgesmarks>
        <Gate>12</Gate>
        <Gatepoints>-34.6</Gatepoints>
        <Wind>-0.15</Wind>
        <Windpoints>1.4</Windpoints>
      </Jump>
    </NK_resultdetail>
  </NK_notranked>
</NK_team>
</NK_notranked>
<NK_notranked Status="DNS">
  <Bib>12</Bib>
  <Team>
    <Fiscode>1231233</Fiscode>
    <Teamname>Korea</Teamname>
    <Nation>KOR</Nation>
  </Team>
  <NK_team>

```

```
<NK_notranked Status="DNS">
  <Bib Color="red" Leg="1">121</Bib>
  <Competitor>
    <Fiscode>546</Fiscode>
    <Lastname>Kim</Lastname>
    <Firstname>Hyun-Ki</Firstname>
    <Gender>M</Gender>
    <Nation>KOR</Nation>
    <Yearofbirth>1983</Yearofbirth>
    <Clubname>Skiclub XY</Clubname>
  </Competitor>
</NK_notranked>
<NK_notranked Status="DNS">
  <Bib Color="green" Leg="2">122</Bib>
  <Competitor>
    <Fiscode>2025</Fiscode>
    <Lastname>Choi</Lastname>
    <Firstname>Heung-Chul</Firstname>
    <Gender>M</Gender>
    <Nation>KOR</Nation>
    <Yearofbirth>1981</Yearofbirth>
    <Clubname>Skiclub XY</Clubname>
  </Competitor>
</NK_notranked>
<NK_notranked Status="DNS">
  <Bib Color="yellow" Leg="3">123</Bib>
  <Competitor>
    <Fiscode>45645</Fiscode>
    <Lastname>Dai</Lastname>
    <Firstname>CHi</Firstname>
    <Gender>M</Gender>
    <Nation>KOR</Nation>
    <Yearofbirth>1981</Yearofbirth>
    <Clubname>Skiclub XY</Clubname>
  </Competitor>
</NK_notranked>
<NK_notranked Status="DNS">
  <Bib Color="blue" Leg="4">124</Bib>
  <Competitor>
    <Fiscode>4455</Fiscode>
    <Lastname>Cho</Lastname>
```

```
<Firstname>Sho</Firstname>
<Gender>M</Gender>
<Nation>KOR</Nation>
<Yearofbirth>1981</Yearofbirth>
<Clubname>Skiclub XY</Clubname>
</Competitor>
</NK_notranked>
</NK_team>
</NK_notranked>
<NK_notranked Status="DSQ">
  <Bib>15</Bib>
  <Team>
    <Fiscode>545545</Fiscode>
    <Teamname>Great Britain</Teamname>
    <Nation>GBR</Nation>
  </Team>
  <NK_team>
    <NK_notranked Status="DSQ">
      <Bib Color="red" Leg="1">151</Bib>
      <Competitor>
        <Fiscode>54654654</Fiscode>
        <Lastname>White</Lastname>
        <Firstname>Dave</Firstname>
        <Gender>M</Gender>
        <Nation>GBR</Nation>
        <Yearofbirth>1983</Yearofbirth>
        <Clubname>Skiclub XY</Clubname>
      </Competitor>
    </NK_notranked>
    <NK_notranked Status="DSQ">
      <Bib Color="green" Leg="2">152</Bib>
      <Competitor>
        <Fiscode>21212</Fiscode>
        <Lastname>Black</Lastname>
        <Firstname>John</Firstname>
        <Gender>M</Gender>
        <Nation>GBR</Nation>
        <Yearofbirth>1981</Yearofbirth>
        <Clubname>Skiclub XY</Clubname>
      </Competitor>
    </NK_notranked>
  </NK_team>
</NK_notranked>
```

```
<NK_notranked Status="DSQ">
  <Bib Color="yellow" Leg="3">153</Bib>
  <Competitor>
    <Fiscode>23233</Fiscode>
    <Lastname>Cumber</Lastname>
    <Firstname>Lewis</Firstname>
    <Gender>M</Gender>
    <Nation>GBR</Nation>
    <Yearofbirth>1981</Yearofbirth>
    <Clubname>Skiclub XY</Clubname>
  </Competitor>
</NK_notranked>
<NK_notranked Status="DSQ">
  <Bib Color="blue" Leg="4">154</Bib>
  <Competitor>
    <Fiscode>78787</Fiscode>
    <Lastname>Cullum</Lastname>
    <Firstname>David</Firstname>
    <Gender>M</Gender>
    <Nation>GBR</Nation>
    <Yearofbirth>1981</Yearofbirth>
    <Clubname>Skiclub XY</Clubname>
  </Competitor>
</NK_notranked>
</NK_team>
<Reason>ICR 3.4.2</Reason>
</NK_notranked>
</NK_notclassified>
</NK_race>
</Fisresults>
```

7. Example start list individual competition

```
<?xml version="1.0" encoding="utf-8"?>
<Fisresults>
  <Raceheader Sector="NK" Gender="M">
    <Season>2017</Season>
    <Codex>3945</Codex>
    <Nation>SLO</Nation>
    <Discipline>GU</Discipline>
    <Category>WC</Category>
    <Type>Startlist</Type>
    <Phase>1</Phase>
    <Racedate>
      <Day>26</Day>
      <Month>3</Month>
      <Year>2017</Year>
    </Racedate>
    <Eventname>FIS Nordic Combined World Cup</Eventname>
    <Place>Planica</Place>
    <Tempunit>C</Tempunit>
    <Longunit>m</Longunit>
    <Speedunit>kmh</Speedunit>
    <Windunit>ms</Windunit>
  </Raceheader>
  <NK_race>
    <NK_raceinfo_jp>
      <Hill>LH</Hill>
      <Plastic>No</Plastic>
      <Hillsize>140</Hillsize>
      <Kpoint>125</Kpoint>
      <Mvalue>1.5</Mvalue>
      <Gatefactor>8.10</Gatefactor>
      <Windfactorhead>14.40</Windfactorhead>
      <Windfactortail>17.42</Windfactortail>
      <Secondperpoint>4.0</Secondperpoint>
      <Pointsperminute>15</Pointsperminute>
      <Jury Function="RACEDIRECTOR">
        <Lastname>OTTESEN</Lastname>
        <Firstname>Lasse</Firstname>
      </Jury Function>
    </NK_raceinfo_jp>
  </NK_race>
</Fisresults>
```

```
<nation>FIS</nation>
</Jury>
<Jury Function="CHIEFCOMPETITION">
  <Lastname>PEKK</Lastname>
  <Firstname>Teet</Firstname>
  <Nation>EST</Nation>
</Jury>
<Jury Function="TECHNICALDELEGATE">
  <Lastname>GUGGENMOOS</Lastname>
  <Firstname>Toni</Firstname>
  <Nation>GER</Nation>
</Jury>
<Jury Function="TECHNICALDELEGATEASSISTANT">
  <Lastname>GRAVE</Lastname>
  <Firstname>Jan Rune</Firstname>
  <Nation>FIS</Nation>
</Jury>
<Member Function="EQUIPMENTCONTROL">
  <Lastname>KRAUS</Lastname>
  <Firstname>Guntram</Firstname>
  <Nation>GER</Nation>
</Member>
<Judges Function="A">
  <Lastname>Kathol</Lastname>
  <Firstname>Christian</Firstname>
  <nation>AUT</nation>
</Judges>
<Judges Function="B">
  <Lastname>Kumagai</Lastname>
  <Firstname>Takashi</Firstname>
  <nation>JPN</nation>
</Judges>
<Judges Function="C">
  <Lastname>Roenningen</Lastname>
  <Firstname>Martin</Firstname>
  <nation>NOR</nation>
</Judges>
<Judges Function="D">
  <Lastname>Kern</Lastname>
  <Firstname>Milos</Firstname>
  <nation>SLO</nation>
```

```

</Judges>
<Judges Function="E">
  <Lastname>Frak</Lastname>
  <Firstname>Vladimir</Firstname>
  <nation>SVK</nation>
</Judges>
<Runinfo No="1">
  <Starttime>10:00</Starttime>
  <Endtime>11:10</Endtime>
  <Weather>
    <Starttime>09:50</Starttime>
    <Endtime>11:10</Endtime>
    <Place>TakeOff</Place>
    <Weather>cloudy</Weather>
    <Temperatureair>4.1</Temperatureair>
    <Temperaturesnow>-1.9</Temperaturesnow>
    <Humidity>88</Humidity>
    <Maxwindspeed>0.87</Maxwindspeed>
    <Minwindspeed>0.17</Minwindspeed>
    <Avgwindspeed>0.26</Avgwindspeed>
    <Winddirection>NE</Winddirection>
  </Weather>
  <Statistics>
    <Base>
      <Wind>0.00</Wind>
      <Gate>10</Gate>
      <Length>108.02</Length>
    </Base>
    <Instartlist>
      <Competitors>50</Competitors>
      <Nations>10</Nations>
    </Instartlist>
  </Statistics>
</Runinfo>
<Timingby>Swiss Timing - ST Sportservice GmbH</Timingby>
<Dataprocessingby>Swiss Timing - ST Sportservice
GmbH</Dataprocessingby>
  <Softwarecompany>Swiss Timing - ST Sportservice GmbH</Softwarecompany>
  <Softwarename>Skiman</Softwarename>
  <Softwareversion>4.3.1.0</Softwareversion>
</NK_raceinfo_jp>

```

```

<NK_raceinfo_cc>
  <Runinfo No="CC">
    <Course No="1">
      <Name>Kilparata race course</Name>
      <HD>45</HD>
      <MC>75</MC>
      <TC>265</TC>
      <Laplength>2500</Laplength>
      <Lapnumber>3</Lapnumber>
      <Style>Free</Style>
      <Intermediate i="1" type="time">
        <Distance>1500</Distance>
      </Intermediate>
      <Intermediate i="2" type="speed">
        <Distance>2600</Distance>
      </Intermediate>
      <Intermediate i="3" type="time">
        <Distance>5700</Distance>
      </Intermediate>
      <Intermediate i="99" type="time">
        <Distance>7500</Distance>
      </Intermediate>
    </Course>
    <Starttime>15:00</Starttime>
  </Runinfo>
  <Timingby>Swiss Timing - ST Sportservice GmbH</Timingby>
  <Dataprocessingby>Swiss Timing - ST Sportservice
GmbH</Dataprocessingby>
  <Softwarecompany>Siwidata</Softwarecompany>
  <Softwarename>Raceman</Softwarename>
  <Softwareversion>6.8.9</Softwareversion>
</NK_raceinfo_cc>
<NK_classified>
  <NK_ranked Status="QLF">
    <Order>1</Order>
    <Bib>1</Bib>
    <Competitor>
      <Fiscode>54456</Fiscode>
      <Lastname>Koch</Lastname>
      <Firstname>Martin</Firstname>
      <Gender>M</Gender>
    </Competitor>
  </NK_ranked>
</NK_classified>

```

```
<Nation>AUT</Nation>
<Yearofbirth>1982</Yearofbirth>
<Clubname>Skiclub XY</Clubname>
</Competitor>
</NK_ranked>
<NK_ranked Status="QLF">
  <Order>2</Order>
  <Bib>2</Bib>
  <Competitor>
    <Fiscode>2067</Fiscode>
    <Lastname>Ammann</Lastname>
    <Firstname>Simon</Firstname>
    <Gender>M</Gender>
    <Nation>SUI</Nation>
    <Yearofbirth>1981</Yearofbirth>
    <Clubname>Skiclub XY</Clubname>
  </Competitor>
</NK_ranked>
<!-- ... further <NK_ranked> elements omitted ... -->
</NK_classified>
</NK_race>
</Fisresults>
```

8. Example start list team competition

```
<?xml version="1.0" encoding="utf-8"?>
<Fisresults>
  <Raceheader Sector="NK" Gender="M">
    <Season>2011</Season>
    <Codex>9971</Codex>
    <Nation>FIN</Nation>
    <Discipline>TE</Discipline>
    <Category>WC</Category>
    <Type>Startlist</Type>
    <Training></Training>
    <Racedate>
      <Day>20</Day>
      <Month>11</Month>
      <Year>2010</Year>
    </Racedate>
    <Place>Kuusamo</Place>
    <Eventname>FIS WORLD CUP NORDIC COMBINED Team NH HS100/10.0 K</Eventname>
    <Phase>1</Phase>
    <Tempunit>C</Tempunit>
    <Longunit>m</Longunit>
    <Speedunit>kmh</Speedunit>
    <Windunit>ms</Windunit>
  </Raceheader>
  <NK_race>
    <NK_raceinfo_jp>
      <Hill>LH</Hill>
      <Plastic>No</Plastic>
      <Hillsize>140</Hillsize>
      <Kpoint>125</Kpoint>
      <Mvalue>1.5</Mvalue>
      <Gatefactor>8.10</Gatefactor>
      <Windfactorhead>14.40</Windfactorhead>
      <Windfactortail>17.42</Windfactortail>
      <Secondperpoint>1.333333</Secondperpoint>
      <Pointsperminute>45</Pointsperminute>
      <Jury Function="RACEDIRECTOR">
        <Lastname>OTTESEN</Lastname>
      </Jury Function>
    </NK_raceinfo_jp>
  </NK_race>
</Fisresults>
```

```
<Firstname>Lasse</Firstname>
<nation>FIS</nation>
</Jury>
<Jury Function="CHIEFCOMPETITION">
  <Lastname>PEKK</Lastname>
  <Firstname>Teet</Firstname>
  <Nation>EST</Nation>
</Jury>
<Jury Function="TECHNICALDELEGATE">
  <Lastname>GUGGENMOOS</Lastname>
  <Firstname>Toni</Firstname>
  <Nation>GER</Nation>
</Jury>
<Jury Function="TECHNICALDELEGATEASSISTANT">
  <Lastname>GRAVE</Lastname>
  <Firstname>Jan Rune</Firstname>
  <Nation>FIS</Nation>
</Jury>
<Member Function="EQUIPMENTCONTROL">
  <Lastname>KRAUS</Lastname>
  <Firstname>Guntram</Firstname>
  <Nation>GER</Nation>
</Member>
<Judges Function="A">
  <Lastname>Kathol</Lastname>
  <Firstname>Christian</Firstname>
  <nation>AUT</nation>
</Judges>
<Judges Function="B">
  <Lastname>Kumagai</Lastname>
  <Firstname>Takashi</Firstname>
  <nation>JPN</nation>
</Judges>
<Judges Function="C">
  <Lastname>Roenningen</Lastname>
  <Firstname>Martin</Firstname>
  <nation>NOR</nation>
</Judges>
<Judges Function="D">
  <Lastname>Kern</Lastname>
  <Firstname>Milos</Firstname>
```

```

    <nation>SLO</nation>
  </Judges>
  <Judges Function="E">
    <Lastname>Frak</Lastname>
    <Firstname>Vladimir</Firstname>
    <nation>SVK</nation>
  </Judges>
  <Runinfo No="1">
    <Starttime>10:00</Starttime>
    <Endtime>11:10</Endtime>
    <Weather>
      <Starttime>09:50</Starttime>
      <Endtime>11:10</Endtime>
      <Place>TakeOff</Place>
      <Weather>cloudy</Weather>
      <Temperatureair>4.1</Temperatureair>
      <Temperaturesnow>-1.9</Temperaturesnow>
      <Humidity>88</Humidity>
      <Maxwindspeed>0.87</Maxwindspeed>
      <Minwindspeed>0.17</Minwindspeed>
      <Avgwindspeed>0.26</Avgwindspeed>
      <Winddirection>NE</Winddirection>
    </Weather>
    <Statistics>
      <Base>
        <Wind>0.00</Wind>
        <Gate>10</Gate>
        <Length>108.02</Length>
      </Base>
      <Instartlist>
        <Competitors>50</Competitors>
        <Nations>10</Nations>
      </Instartlist>
    </Statistics>
  </Runinfo>
  <Timingby>Swiss Timing - ST Sportservice GmbH</Timingby>
  <Dataprocessingby>Swiss Timing - ST Sportservice
GmbH</Dataprocessingby>
  <Softwarecompany>Swiss Timing - ST Sportservice GmbH</Softwarecompany>
  <Softwarename>Skiman</Softwarename>
  <Softwareversion>4.3.1.0</Softwareversion>

```

```
</NK_raceinfo_jp>
<NK_raceinfo_cc>
  <Runinfo No="CC">
    <Course No="1">
      <Name>Kilparata race course</Name>
      <HD>45</HD>
      <MC>75</MC>
      <TC>265</TC>
      <Style>F</Style>
      <Laplength>2500</Laplength>
      <Lapnumber>4</Lapnumber>
      <Intermediate i="1" type="time">
        <Distance>1250</Distance>
      </Intermediate>
      <Intermediate i="2" type="time">
        <Distance>2500</Distance>
      </Intermediate>
      <Intermediate i="3" type="time">
        <Distance>3750</Distance>
      </Intermediate>
      <Intermediate i="4" type="time">
        <Distance>5000</Distance>
      </Intermediate>
      <Intermediate i="5" type="time">
        <Distance>6250</Distance>
      </Intermediate>
      <Intermediate i="6" type="time">
        <Distance>7500</Distance>
      </Intermediate>
      <Intermediate i="7" type="time">
        <Distance>8750</Distance>
      </Intermediate>
      <Intermediate i="8" type="speed">
        <Distance>9500</Distance>
      </Intermediate>
      <Intermediate i="99" type="time">
        <Distance>10000</Distance>
      </Intermediate>
    </Course>
    <Starttime>15:00</Starttime>
  </Runinfo>
```

```
<Timingby>Swiss Timing - ST Sportservice GmbH</Timingby>
<Dataprocessingby>Swiss Timing - ST Sportservice
GmbH</Dataprocessingby>
<Softwarecompany>Swiss Timing - ST Sportservice GmbH</Softwarecompany>
<Softwarename>Raceman</Softwarename>
<Softwareversion>6.8.9</Softwareversion>
</NK_raceinfo_cc>
<NK_classified>
  <NK_ranked Status="QLF">
    <Order>1</Order>
    <Bib Color="red">1</Bib>
    <Team>
      <Fiscode>908089</Fiscode>
      <Teamname>Austria</Teamname>
      <Nation>AUT</Nation>
    </Team>
    <NK_team>
      <NK_ranked>
        <Bib Color="red" Leg="1">11</Bib>
        <Competitor>
          <Fiscode>34523452</Fiscode>
          <Lastname>Koch</Lastname>
          <Firstname>Martin</Firstname>
          <Gender>M</Gender>
          <Nation>AUT</Nation>
          <Yearofbirth>1982</Yearofbirth>
          <Clubname>Skiclub XY</Clubname>
        </Competitor>
      </NK_ranked>
    </NK_team>
    <NK_ranked Status="QLF">
      <Bib Color="green" Leg="2">12</Bib>
      <Competitor>
        <Fiscode>4535345</Fiscode>
        <Lastname>Reischer</Lastname>
        <Firstname>Simon</Firstname>
        <Gender>M</Gender>
        <Nation>AUT</Nation>
        <Yearofbirth>1981</Yearofbirth>
        <Clubname>Skiclub XY</Clubname>
      </Competitor>
    </NK_ranked>
  </NK_classified>
</NK_classified>
```

```

<NK_ranked Status="QLF">
  <Bib Color="yellow" Leg="3">13</Bib>
  <Competitor>
    <Fiscode>54644</Fiscode>
    <Lastname>Mueller</Lastname>
    <Firstname>Rene</Firstname>
    <Gender>M</Gender>
    <Nation>AUT</Nation>
    <Yearofbirth>1981</Yearofbirth>
    <Clubname>Skiclub XY</Clubname>
  </Competitor>
</NK_ranked>
<NK_ranked Status="QLF">
  <Bib Color="blue" Leg="4">14</Bib>
  <Competitor>
    <Fiscode>54644</Fiscode>
    <Lastname>Schneider</Lastname>
    <Firstname>Matthias</Firstname>
    <Gender>M</Gender>
    <Nation>AUT</Nation>
    <Yearofbirth>1981</Yearofbirth>
    <Clubname>Skiclub XY</Clubname>
  </Competitor>
</NK_ranked>
</NK_team>
</NK_ranked>
<!-- ... further <NK_ranked> elements omitted ... -->
<NK_ranked Status="QLF">
  <Order>14</Order>
  <Bib>14</Bib>
  <Team>
    <Fiscode>897987</Fiscode>
    <Teamname>Estonia</Teamname>
    <Nation>EST</Nation>
  </Team>
  <NK_team>
    <NK_ranked>
      <Bib Color="red" Leg="1">141</Bib>
      <Competitor>
        <Fiscode>789789</Fiscode>
        <Lastname>Koch</Lastname>

```

```
<Firstname>Martin</Firstname>
<Gender>M</Gender>
<Nation>EST</Nation>
<Yearofbirth>1982</Yearofbirth>
<Clubname>Skiclub XY</Clubname>
</Competitor>
</NK_ranked>
<NK_ranked Status="QLF">
  <Bib Color="green" Leg="2">142</Bib>
  <Competitor>
    <Fiscode>456456</Fiscode>
    <Lastname>Reischer</Lastname>
    <Firstname>Simon</Firstname>
    <Gender>M</Gender>
    <Nation>EST</Nation>
    <Yearofbirth>1981</Yearofbirth>
    <Clubname>Skiclub XY</Clubname>
  </Competitor>
</NK_ranked>
<NK_ranked Status="QLF">
  <Bib Color="yellow" Leg="3">143</Bib>
  <Competitor>
    <Fiscode>456456</Fiscode>
    <Lastname>Mueller</Lastname>
    <Firstname>Rene</Firstname>
    <Gender>M</Gender>
    <Nation>EST</Nation>
    <Yearofbirth>1981</Yearofbirth>
    <Clubname>Skiclub XY</Clubname>
  </Competitor>
</NK_ranked>
<NK_ranked Status="QLF">
  <Bib Color="blue" Leg="4">144</Bib>
  <Competitor>
    <Fiscode>54644</Fiscode>
    <Lastname>Schneider</Lastname>
    <Firstname>Matthias</Firstname>
    <Gender>M</Gender>
    <Nation>AUT</Nation>
    <Yearofbirth>1981</Yearofbirth>
    <Clubname>Skiclub XY</Clubname>
```

```
        </Competitor>
      </NK_ranked>
    </NK_team>
  </NK_ranked>
  <!-- ... further <NK_ranked> elements omitted ... -->
</NK_classified>
</NK_race>
</Fisresults>
```

9. Document Control

Version History	Description
Version 2.0 (04.01.2013)	Update of version 1
Version 2.1 (08.02.2013)	<code><NK_raceinfo/></code> element required
Version 2.2 (05.07.2013)	added element Judges to NK_race added elements Course, Statistics_jp, Statistics_cc in NK_raceinfo added attribute run to Course in example added attribute run to Course in example corrected round attribute on Weather added Time element for Weather in example added round element "CC" for weather
Version 2.3 (10.12.2013)	add file name definition
Version 2.4 (25.06.2014)	add attribute values for Judgemarks add element details correction Bib attribute values add Bib color attribute changed values for element Training
Version 2.5 (29.10.2015)	Added new IRM's DQB
Version 2.6 (10.11.2016)	Document control moved to beginning of document Type mistake for Laplength
Version 2.7 (07.03.2017)	Correction XML syntax NK-photof
Version 2.8 (07.09.2017)	Major changes Raceheader, NK_race, NK_raceinfo_jp, NK_raceinfo_cc, Lapped = LAP, NK_resultdetails
Version 2.9 (01.12.2017)	Moved Course to Runinfo Jury, Member, Judges in NK_Raceinfo_xx
Version 2.10 (06.06.2018)	Update example start lists, removed parts of statistics
Version 2.11 (27.08.2018)	Precision team result Totaltime, Racetime
Version 2.13 (01.10.2019)	Changed L to W, Ladies to Women and Sector to Discipline, L = Ladies to F = Female
Version 2.14 (03.11.2020)	Add NPS = Not permitted to start

Version History	Description
Version 2.15 (14.01.2021)	correction example Raceheader, Raceinfo for Course No attribute update section General
Version 2.16 (10.09.2026)	Converted the document to Markdown as the document base Moved Document Control to the end of the document Added chapter numbering Page layout changed from landscape to A4 portrait Corrected the domain of the FIS email addresses and made them links Removed the alternative alpineresults address Element reference tables regrouped into a child elements table and a separate attributes table, with value lists written at the end of the description and a line above each attributes table naming what it belongs to Corrected spelling errors Removed stray spaces from inside element values in the examples Added a missing word to the note about the examples Replaced the bare "..." omission markers in the examples with XML comments naming what is omitted Removed the sentence stating that earlier versions of the description remain valid
Version 2.17 (14.09.2026)	Updated the <code><Discipline></code> codes to the current FIS discipline codes