

OLYMPIC DATA FEED

ODF Freestyle Skiing Data Dictionary

Lausanne 2020 - Winter Youth Olympic Games

Technology and Information Department

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1 Introduction

1.1 This document

This document includes the ODF Freestyle Skiing Data Dictionary. This Data Dictionary refines the messages described in the ODF General Messages Interface Document specifically for freestyle skiing.

1.2 Summary of Messages in this Discipline

1.2.1 Big Air, Half Pipe, Slopestyle

The competition consists of two phases: qualification and final. In qualification the result is calculated on the best of multiple runs (2 or 3). In Freeski Halfpipe and Freeski Slopestyle the final result is calculated on the best of three runs. In Freeski Big Air the best two different runs are counted into the final result. If there is one qualification heat, the 12 best competitors will advance to the Final. If there are two qualification heats, the six best competitors from each heat will advance to the Final.

The messages containing results information are separated into two message, one DT_RESULT for each run and one DT_CUMULATIVE_RESULT for each phase.

1.2.2 Ski Cross

The Ski Cross competition consists of Group Heats, Semifinals, the Small Final and the Big Final. The Group Heats are a round robin format. The group heats are divided into heats of up to four competitors based on the FIS Seeding list. Each competitor competes against all others in their panel in a round robin scheme (20 heats). There is one DT_RESULT per race and one DT_CUMULATIVE_RESULT per panel. The top four competitors from each panel advance to the semifinals.

The top two competitors from each semifinal advance to the Big Final and the other competitors advance to the Small Final. There is one DT_RESULT per race in addition to a DT_BRACKET message.

1.3 Objective

The objective of this document is to provide a complete and formal definition of the ODF Freestyle Skiing Data Dictionary, with the intention that the information message producer and the message consumer can successfully interchange the information as the freestyle skiing competition is run.

1.4 Main Audience

The main audience of this document is the IOC as the ODF promoter, ODF users such as the World News Press Agencies, Rights Holding Broadcasters and International Sports Federations.

1.5 Glossary

The following abbreviations are used in this document.

Acronym	Description
IF	International Federation
IOC	International Olympic Committee
NOC	National Olympic Committee
ODF	Olympic Data Feed
RSC	Results System Codes
WNPA	World News Press Agencies

1.6 Related Documents

Document Title	Document Description
ODF General Principles Document	The document explains the environment and general principles for ODF.
ODF General Messages Interface Document	The document describes the ODF General Messages
ODF Common Codes	The document describes the ODF Common codes used across all ODF documents.
ODF Sport Codes	The document describes the ODF Sport codes used across all ODF documents
ODF Header Values	The document details the header values which show which RSCs are used in which messages.

2 Messages

2.1 Applicable Messages

The following table is a full list of all ODF messages and describes the list of messages used in freestyle skiing.

- The column "Message type" indicates the DocumentType that identifies a message
- The column "Message name" is the message name identified by the message type
- The column "Message extended" indicates whether a particular message has extended definition in regards to those that are general for all sports. If one particular message is not extended, then it should follow the general definition rules.

Message Type	Message Name	Message extended
DT_SCHEDULE / DT_SCHEDULE_UPDATE	Competition schedule / Competition schedule update	
DT_PARTIC / DT_PARTIC_UPDATE	List of participants by discipline / List of participants by discipline update	X
DT_PARTIC_NAME	Participant Names	
DT_PARTIC_TEAMS / DT_PARTIC_TEAMS_UPDATE*	List of teams / update	
DT_MEDALS*	Medal standings	
DT_RESULT	Event Unit Start List and Results	X
DT_CURRENT	Current Information	X
DT_IMAGE	Image	X
DT_BRACKETS	Brackets	X
DT_PRESSPHOTOFINISH_LK	Press Photofinish	
DT_CUMULATIVE_RESULT	Cumulative Results	X
DT_RANKING	Event Final Ranking	X
DT_COMMUNICATION	Official Communication	
DT_CONFIG	Configuration	X
DT_WEATHER	Weather	X
DT_MEDALLISTS	Event's Medallists	
DT_MEDALLISTS_DISCIPLINE	Medallists by discipline	
DT_LOCAL_OFF	Discipline/venue stop transmission	
DT_LOCAL_ON	Discipline/venue start transmission	
DT_KA	Keep Alive	

* Indicates that this message is not relevant for Lausanne 2020 Winter Youth Olympics

2.2 Messages

2.2.1 List of participants by discipline / List of participants by discipline update

2.2.1.1 Description

A participant is considered to be any individual (type athlete, participating or not in the current games) or any official in one or several disciplines or a competitor being part of a team (team member).

Although the participant may participate in more than one event or more than one discipline, this message just contains the information for the discipline of the message, listing the information of all the events for that discipline.

This message includes historical athletes that do not participate in the current competition. Historical athletes will not be registered to any event.

It is important to note that all the sport messages that make references to athletes (start list, event unit results, etc.) will always match the athlete ID with the athlete ID in this message. The historical athletes will be used to match historical athlete information as it appears in the records message when sending the previous record information and this previous record was an historical record not being broken in the current competition.

List of participants by discipline (DT_PARTIC) is a bulk message, provided for each discipline. It is a complete participant information message for one particular discipline. The arrival of this message resets all the previous participants' information for one particular discipline. This message can include a list of current athletes, officials, coaches, guides, technical officials, Reserves and historical athletes regardless of status.

List of participants by discipline update (DT_PARTIC_UPDATE) is an update message. It is not a complete list of participants' information by discipline message, only the participant data being modified, i.e. if some data of one participant changes, the element Participant for it with all its children and attributes must be sent.

The key of the information updated consists of the following attribute: Participant @Code. Therefore, any new or updated Participant Discipline-Event will be identified by all these attributes.

2.2.1.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC @Competition	Unique ID for competition
DocumentCode	Full RSC (discipline level)	RSC at the discipline level
DocumentType	DT_PARTIC / DT_PARTIC_UPDATE	List of participants by discipline message
Version	1..V	Version number associated to the message's content. Ascendant number
FeedFlag	"P"-Production "T"-Test	Test message or production message.
Date	Date	Date when the message is generated, expressed in the local time zone where the message was produced.
Time	Time	Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced.
LogicalDate	Date	<p>Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight.</p> <p>If an event unit continues after midnight (24:00), all messages produced will be considered as happening at the logical date on which the event unit began (e.g. for a session which began at 21:00 on Aug 2 and ended at 1:20 on Aug 3, the message will all be dated Aug 2).</p> <p>The end of the logical day is defined by default at 03:00 a.m.</p> <p>For messages corrections, like invalidating medals or Records, it will be the LogicalDate of the day of the correction.</p> <p>Logical Date is expressed in the local time zone where the message was produced.</p>
Source	SC @Source	Code indicating the system which generated the message.

2.2.1.3 Trigger and Frequency

The DT_PARTIC message is sent as a bulk message before the Games. It is sent several times up to the date of transfer of control to OVR after which only DT_PARTIC_UPDATE messages are sent.

The DT_PARTIC_UPDATE message is triggered when there is a modification in the data for any individual after the transfer of control to OVR.

2.2.1.4 Message Values

Element: Competition (0,1)			
Attribute	M/O	Value	Description
Gen	O	S(20)	Version of the General Data Dictionary applicable to the message
Sport	O	S(20)	Version of the Sport Data Dictionary applicable to the message
Codes	O	S(20)	Version of the Codes applicable to the message

Sample

```
<Competition Gen="SOG-2020-1.10" Sport="SOG-2020-FRS-1.10" Codes="SOG-2020-1.20" >
```

Element: Participant (1,N)			
Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	<p>Participant's ID.</p> <p>It identifies an athlete or an official and the holding participant's valid information for one particular period of time.</p> <p>It is used to link other messages to the participant's information.</p> <p>Participant's information (example @Organisation) will not be the latest for the athlete/official, unless the @Code attribute is the same as the @Parent attribute. However, this information could be the one being valid in the particular moment of a start list, event unit results, etc.</p> <p>When the participant is an historical one, then this ID will start with "A" when it is an Athlete, "C" when Coach and "O" when Official.</p>
Parent	M	S(20) with no leading zeroes	<p>Participant's parent ID, which is used to link to the latest valid information for one participant. @Parent attribute should be linked to the latest participant's information, by retrieving that Athlete/Official whose @Code attribute is the same as @Parent.</p> <p>The participant containing @Code attribute being the same as the @Parent attribute will be the one with the latest information for the participant.</p> <p>The @Parent attribute will only be different from @Code in the case that critical personal information has changed from previous competitions. The typical examples are Organisation (for change of country) or Name (particularly for women changing their name at marriage). Further to be clear, @Parent and @Code can only be different if Current = "false".</p>

Element: Participant (1,N)			
Attribute	M/O	Value	Description
Status	O	CC @ParticStatus	Participant's accreditation status this attribute is Mandatory in the case of @Current="true" and it is optional in the case that @Current="false". To delete a participant, a specific value of the Status attribute is used.
GivenName	O	S(25)	Given name in WNPA format (mixed case)
FamilyName	M	S(25)	Family name in WNPA format (mixed case)
PassportGivenName	O	S(25)	Passport Given Name (Uppercase)
PassportFamilyName	O	S(25)	Passport Family Name (Uppercase)
PrintName	M	S(35)	Print name (family name in upper case + given name in mixed case)
PrintInitialName	M	S(18)	Print Initial name (for the given name it is sent just the initial, without dot)
TVName	M	S(35)	TV name
TVInitialName	M	S(18)	TV initial name
TVFamilyName	M	S(25)	TV family name
LocalFamilyName	O	S(25)	Family name in the local language in the appropriate case for the local language (usually mixed case)
LocalGivenName	O	S(25)	Given name in the local language in the appropriate case for the local language (usually mixed case)
Gender	M	CC @PersonGender	Participant's gender
Organisation	M	CC @Organisation	Organisation ID
BirthDate	O	YYYY-MM-DD	Date of birth. This information may not be known at the very beginning, but it will be completed for all participants after successive updates
Height	O	S(3)	Height in centimetres. It will be included if this information is available. This information is not needed in the case of officials/referees. "-" may be used where the data is not available.
Weight	O	S(3)	Weight in kilograms. It will be included if this information is available. This information is not needed in the case of officials/referees. "-" may be used where the data is not available.
PlaceofBirth	O	S(75)	Place of Birth
CountryofBirth	O	CC @Country	Country ID of Birth
PlaceofResidence	O	S(75)	Place of Residence
CountryofResidence	O	CC @Country	Country ID of Residence

Element: Participant (1,N)			
Attribute	M/O	Value	Description
Nationality	O	CC @Country	Participant's nationality. Although this attribute is optional, in very exceptional situations it will not be known, and for this reason not ready to be sent.
MainFunctionId	O	CC @ResultsFunction	Main function In the Case of Current="true" this attribute is Mandatory.
Current	M	boolean	It defines if a participant is participating in the games (true) or is a Historical participant (false).
OlympicSolidarity	O	S(1)	Send Y if the participant is a member of the Solidarity / Scholarship Program else not sent.
ModificationIndicator	M	S(1)	'N' or 'U' Attribute is mandatory in the DT_PARTIC_UPDATE message only N-New participant (in the case that this information comes as a late entry) U-Update participant If ModificationIndicator='N', then include new participant to the previous bulk-loaded list of participants If ModificationIndicator='U', then update the participant to the previous bulk-loaded list of participants To delete a participant, a specific value of the Status attribute is used.
Element: Participant /Discipline (1,1)			
All participating athletes will be assigned at least one discipline, it could be more. Each accredited official will be assigned at least one discipline, but it could be more. If an athlete or official is assigned to more than one discipline, it will be included in the participant message of both disciplines.			
Attribute	M/O	Value	Description
Code	M	CC @Discipline	It is the discipline code used to fill the OdfBody @DocumentCode attribute.
IFId	O	S(16)	IF ID (competitor's federation number for the discipline).
Element: Participant /Discipline /RegisteredEvent (0,N)			
All accredited athletes will be assigned to one or more events. There is an exception: substitutes may be accredited without any associated event. Historical athletes are not registered to any event.			
Attribute	M/O	Value	Description
Event	M	CC @Event	Full RSC of the Event
Bib	O	S(5)	Bib number from OVR.



Element: Participant /Discipline /RegisteredEvent /EventEntry (0,N)				
Type	Code	Pos	Description	
ENTRY	RANK_WLD	N/A	Element Expected: When available	
	Attribute	M/O	Value	Description
	Value	M	S(4)	World Rank of the athlete
ENTRY	RANK_PTS	N/A	Element Expected: When available.	
	Attribute	M/O	Value	Description
	Value	M	S(7)	FIS points (for this event) Usually in format ###0.00
ENTRY	SEED	N/A	Element Expected: When available	
	Attribute	M/O	Value	Description
	Value	M	S(4)	FIS Seed (for this event). Usually in format ###0

2.2.1.5 Message Sort

The message is sorted by Participant @Code

2.2.2 Event Unit Start List and Results

2.2.2.1 Description

The Event Unit Start List and Results is a message containing both the start list and results information of the competitors in one (individual or team) event unit.

The Event Unit Start List and Results is a mandatory message for all sports.

This is always a full message and all applicable elements and attributes are always sent.

2.2.2.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC @Competition	Unique ID for competition
DocumentCode	Full RSC (unit level)	The DocumentCode will be sent according to the header values.
DocumentType	DT_RESULT	Event Unit Start List and Results message
DocumentSubtype	Not used	Not used
Version	1..V	Version number associated to the message's content. Ascendant number
ResultStatus	SC @ResultStatus	It indicates whether the result is official or unofficial (or intermediate etc). Expected statuses are: START_LIST LIVE (used during the competition when nothing else applies). INTERMEDIATE (used after the competition has started and is not finished but not currently live) UNCONFIRMED (used after the competition is completed and before either UNOFFICIAL or OFFICIAL. It may be sent multiple times if modifications are required and the status has not changed) UNOFFICIAL OFFICIAL PROTESTED
FeedFlag	"P"-Production "T"-Test	Test message or production message.
Date	Date	Date when the message is generated, expressed in the local time zone where the message was produced.
Time	Time	Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced.

Attribute	Value	Comment
LogicalDate	Date	<p>Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight.</p> <p>If an event unit continues after midnight (24:00), all messages produced will be considered as happening at the logical date on which the event unit began (e.g. for a session which began at 21:00 on Aug 2 and ended at 1:20 on Aug 3, the message will all be dated Aug 2).</p> <p>The end of the logical day is defined by default at 03:00 a.m.</p> <p>For messages corrections, like invalidating medals or Records, it will be the LogicalDate of the day of the correction.</p> <p>Logical Date is expressed in the local time zone where the message was produced.</p>
Source	SC @Source	Code indicating the system which generated the message.

2.2.2.3 Trigger and Frequency

This message is sent:

- As soon as the start list is available and any for changes [inc. IRMs] (START_LIST)
- Send with all updates during the unit (LIVE)
- In Slopestyle: Send after each athlete completes one section and judges have entered the scores (LIVE)
- Send after each athlete (with all intermediate data and judge data) completes the course (and has all data) (LIVE)
- In messages with multiple heats, runs or jumps then send after each heat/run/jump (INTERMEDIATE)
- After the unit is finished. In detail
 - UNCONFIRMED: In cases of photofinish (Cross Event)
 - UNOFFICIAL: As soon as an Event Unit is finished
 - OFFICIAL: After results are validated.
- After any change (status as appropriate)

2.2.2.4 Message Values

Element: Competition (0,1)			
Attribute	M/O	Value	Description
Gen	O	S(20)	Version of the General Data Dictionary applicable to the message
Sport	O	S(20)	Version of the Sport Data Dictionary applicable to the message
Codes	O	S(20)	Version of the Codes applicable to the message

Element: ExtendedInfos /UnitDateTime (0,1)			
Attribute	M/O	Value	Description
StartDate	M	DateTime	Actual start date-time. Do not include until competition starts.

Element: ExtendedInfos /ExtendedInfo (0,N)				
Type	Code	Pos	Description	
UI	FORERUNNER	Numeric #0	Pos Description: Send the sequential number, 1.., to sort the forerunners. Element Expected: Always if forerunner.	
	Attribute	M/O	Value	Description
	Value	M	S(3)	Forerunners code F1, F2.
UI	GATES_NUM	N/A	Element Expected: Parallel	
	Attribute	M/O	Value	Description
	Value	M	Numeric #0	Send the number of gates.
UI	LAST_QUAL	N/A	Element Expected: When available where athletes progress	
	Attribute	M/O	Value	Description
	Value	M	S(20) with no leading zeroes	Send the current last qualifying place competitor ID. In the situation where insufficient competitors have participated to show the last qualifying position then show the current last place
UI	OVERALL	N/A	Element Expected: When available in slopestyle	
	Attribute	M/O	Value	Description
	Value	M	Numeric ##0	Send the % that overall contributes to the total.
UI	SECTIONS	N/A	Element Expected: When available in Slopestyle	
	Attribute	M/O	Value	Description
	Value	M	Numeric ##0	Send the % that sections contributes to the total.
UI	STARTERS	N/A	Element Expected: Always after status START_LIST in units where athletes compete one by one	
	Attribute	M/O	Value	Description
	Value	M	Numeric ##0	Send the number of competitors on the start list
Sub Element: ExtendedInfos /ExtendedInfo /Extension				
Expected: Always after status START_LIST in units where athletes compete one by one				
	Attribute	Value	Description	
	Code	COMPLETE		
	Pos	N/A		
	Value	Numeric ##0	Send the number of competitors whose event unit is completed (includes IRMs)	

Element: ExtendedInfos /ExtendedInfo (0,N)				
Type	Code	Pos	Description	
DISPLAY	LAST_COMP	N/A	Pos Description: N/A Element Expected: When available and only when the unit is LIVE, UNOFFICIAL or UNCONFIRMED	
Attribute	M/O	Value	Description	
Value	M	S(20) without leading zeroes	Send the competitor ID of the last competitor to compete and receive a result.	

Element: ExtendedInfos /ExtendedInfo /Competitor (0,N)				
Used for forerunners and similar who do not participate in the competition. Not usually part of DT_PARTIC.				
Attribute	M/O	Value	Description	
Organisation	O	CC @Organisation	Organisations ID of the forerunner.	
Order	M	Numeric #0	Order of the competitor associated to the ExtendedInfo, if more than one competitor associated. Send 1 if only one.	

Element: ExtendedInfos /ExtendedInfo /Competitor /Composition /Athlete (1,N)				
Used when the ExtendedInfo is related to a person or a team member. The FamilyName and GivenName because, in many cases, the person related to the ExtendedInfo is not an athlete.				
Attribute	M/O	Value	Description	
FamilyName	M	S(25)	Family name of the forerunner	
GivenName	O	S(25)	Given name of the forerunner	

```

<ExtendedInfos>
  <UnitDateTime StartDate="2014-02-10T11:00:00+04:00" />
  <ExtendedInfo Type="UI" Code="FORERUNNER" Pos="1" Value="F1">
    <Competitor Organisation="RUS">
      <Composition>
        <Athlete FamilyName="ZAYTSEV" GivenName="Steve" />
      </Composition>
    </Competitor>
  </ExtendedInfo>
  <ExtendedInfo Type="UI" Code="FORERUNNER" Pos="2" Value="F2">
    <Competitor Organisation="RUS">
      <Composition>
        <Athlete FamilyName="NIKITIN" GivenName="Pedro" />
      </Composition>
    </Competitor>
  </ExtendedInfo>

```


Element: ExtendedInfos /SportDescription (0,1)
Sport Descriptions in Text

Attribute	M/O	Value	Description
DisciplineName	M	S(40)	Discipline name (not code) from Common Codes
EventName	M	S(40)	Event name (not code) from Common Codes
Gender	M	CC @DisciplineGender	Gender code for the event unit
SubEventName	M	S(40)	EventUnit short name (not code) from Common Codes

Element: ExtendedInfos /VenueDescription (0,1)
Venue Names in Text.

Attribute	M/O	Value	Description
Venue	M	CC @VenueCode	Venue Code
VenueName	M	S(25)	Venue short name (not code) from Common Codes
Location	M	CC @Location	Location code
LocationName	M	S(30)	Location short name (not code) from Common Codes

Element: Officials /Official (1,N)

Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Official's code
Function	M	CC @ResultsFunction	Official's function (example: referee, etc.). Can be different from the function sent in the DT_PARTIC message.
Order	M	Numeric	Order of officials.

Element: Officials /Official /Description (1,1)
Officials extended information.

Attribute	M/O	Value	Description
GivenName	O	S(25)	Given name in WNPA format (mixed case)
FamilyName	M	S(25)	Family name in WNPA format (mixed case)
Gender	M	CC @PersonGender	Gender of the official
Organisation	M	CC @Organisation	Officials' organisation

Element: Officials /Official /ExtOfficial (0,N)

Type	Code	Pos	Description
EO	POSITION	Numeric 0	Pos Description: Judge Position, 1, 2.. Element Expected: Always for Judges (not Head) else do not send.
	Attribute	M/O	Value
	Value	M	S(2)
EO	SECTOR	N/A	Element Expected: Slopestyle
	Attribute	M/O	Value
			Description

EO	Value	M	S(5)	Send sectors related with Judge
	TYPE		N/A	Element Expected: Slopestyle
	Attribute	M/O	Value	Description
	Value	M	SC @JudgeType	Send the judge type

Sample

```
<Officials>
<Official Code="2004409" Function="TCH_DEL" Order="1">
  <Description GivenName="Jack" FamilyName="Blocker" Gender="M" Organisation="GER" />
</Official>
....
<Official Code="2004405" Function="JU" Order="7">
  <Description GivenName="Tom" FamilyName="Jones" Gender="M" Organisation="USA" />
  <ExtOfficial Type="EO" Code="POSITION" Pos="1" Value="J1" />
  <ExtOfficial Type="EO" Code="TYPE" Value="P1" />
  <ExtOfficial Type="EO" Code="SECTOR" Value="1-3" />
</Official>
<Official Code="4110000" Function="JU" Order="8">
  <Description GivenName="Barry" FamilyName="Norman" Gender="M" Organisation="BEL" />
  <ExtOfficial Type="EO" Code="POSITION" Pos="2" Value="J2" />
  <ExtOfficial Type="EO" Code="TYPE" Value="P1" />
  <ExtOfficial Type="EO" Code="SECTOR" Value="1-3" />
</Official>
....
<Official Code="2004414" Function="JU" Order="11">
  <Description GivenName="Mary" FamilyName="Smith" Gender="W" Organisation="IRE" />
  <ExtOfficial Type="EO" Code="JUDGE" Pos="5" Value="J6" />
  <ExtOfficial Type="EO" Code="TYPE" Value="P2" />
  <ExtOfficial Type="EO" Code="SECTOR" Value="4-6" />
</Official>
</Officials>
```

Element: Result (1,N)

Attribute	M/O	Value	Description
Rank	O	String	Rank of the competitor in the event unit.
RankEqual	O	S(1)	Send 'Y' if the rank is equalled else do not send. (They are not considered equal for the special case above).
Result	O	m:ss.ff or ##0.00	Result for the particular event unit (not cumulative). Send in the case @ResultType is TIME or POINTS
IRM	O	SC @IRM	IRM for the event unit Send only in the case @ResultType is IRM
QualificationMark	O	SC @QualificationMark	Qualifying Mark.
SortOrder	M	Numeric #0	This attribute is a sequential number with the order of the results for the event unit, if they were to be presented. It is mostly based on the rank, but it should be used to sort out rank ties as well as results without rank. Prior to the unit the order is the same as StartSortOrder. (even if some have IRM) Updated during the race with the current order, which is those with rank followed by those with IRM followed by those who have not started. In the case of units with heats the heat 2 will follow heat 1.

Element: Result (1,N)			
Attribute	M/O	Value	Description
StartOrder	O	S(3)	The start order of the unit. For Ski Cross Finals this field is the Lane Choice
StartSortOrder	M	Numeric #0	Used to sort all start list competitors in an event unit. Same as SortOrder before the start of the competition.
ResultType	O	SC @ResultType	Result type. Result type, either TIME or POINTS or IRM for the corresponding event unit.
Diff	O	+m:ss.ff	Time behind leader in the unit (only for those with a result). 0.00 for the leader. Do not send leading zeros. Only send in the case @ResultType is TIME Ski Cross: - In seeding: time difference compared to the leader. Do not send 0.00 for the leader. - In Finals: time difference compared to the Heat leader. Do not send 0.00 for the Heat leader.

Element: Result /ExtendedResults /ExtendedResult (1,N)				
Type	Code	Pos	Description	
ER	ADVANCED	N/A	Element Expected: If applicable	
	Attribute	M/O	Value	Description
	Value	M	S(1)	'Y' to indicate the competitor is advanced to the next phase as a result of a tie-break or judge decision else do not send.
ER	DSQ_DESC	N/A	Element Expected: If applicable	
	Attribute	M/O	Value	Description
	Value	M	Text	Text description of the reason for disqualification.
ER	RE_RUN	N/A	Element Expected: If applicable	
	Attribute	M/O	Value	Description
	Value	M	S(1)	Send 'Y' if the competitor is granted a Re-Run else do not send. Do not send after Re-Run complete
ER	PHOTO	N/A	Element Expected: If applicable	
	Attribute	M/O	Value	Description
	Value	M	S(1)	To know if the competitor's final result was decided by photo. Send E for Photo evaluated Send P for Pending Status Otherwise do not send If pending then those pending competitors will not have rank but will still be sorted in the correct place (as well as is known). For example: Rank = 1,,,4... and SortOrder = 1,2,3,4...
ER	POT_DSQ	N/A	Element Expected: If applicable	
	Attribute	M/O	Value	Description
	Value	M	S(1)	Send "Y" if the competitor is a potential disqualification in this unit else do not send.

Element: Result /ExtendedResults /ExtendedResult (1,N)				
Type	Code	Pos	Description	
ER	TIEBREAK_FOR	N/A	Element Expected: If applicable for athlete in a tie	
	Attribute	M/O	Value	Description
	Value	M	Numeric #0 or Numeric ###0.00	Tied rank (HP, Slopestyle, SX) to break
ER	TIEBREAK_PTS	N/A	Element Expected: If applicable in BA, HP and SS all phases for athletes in a tie	
	Attribute	M/O	Value	Description
	Value	M	Numeric ##0.00#	Should be the tie-break points of the run which breaks the tie, or the total score of worst run depending on the criteria which breaks the tie.
ER	YC	N/A	Element Expected: If applicable for FRS SX finals	
	Attribute	M/O	Value	Description
	Value	M	S(1)	Yellow card indicator, send Y if applicable
PROGRESS	INTERMEDIATE	S(2)	Pos Description: Intermediate point where the intermediate time is recorded (1, 2..F). For Ski Cross, intermediate S will manage the reaction time. Element Expected: When data is available	
	Attribute	M/O	Value	Description
	Value	M	m:ss.ff	Time at the intermediate point
	Rank	M	S(2)	Send the rank in the unit of the competitor at the intermediate point. Do not consider IRMs.
	RankEqual	O	s(1)	Send 'Y' if rank is equalled, otherwise do not send.
	Diff	M	+s.ff or -s.ff	The difference behind the race leader at this intermediate point. Send as negative if faster than race leader.
PROGRESS	SECTION	S(2)	Pos Description: Intermediate point at the end of the section where section time is taken (2.. F). For example 2 is the section from intermediate 1 to intermediate 2 etc. Element Expected: When data is available	
	Attribute	M/O	Value	Description
	Value	M	s.ff	Time for the section ending at the intermediate point @Pos.
	Rank	M	S(2)	Send the rank of the competitor in the section not considering IRMs
	RankEqual	O	S(1)	Send 'Y' if rank is equalled, otherwise do not send.
PROGRESS	SPEED	N/A	Element Expected: When available in cross	
	Attribute	M/O	Value	Description
	Value	M	Numeric ##0.00	Average speed in km/h



Element: Result /ExtendedResults /ExtendedResult (1,N)			
Type	Code	Pos	Description
ER	JUMP	Numeric 0	Pos Description: Send the jump/trick number in the run. 1...n Element Expected: Slopestyle. Send as soon as available.
	Attribute	M/O	Value
	Value	M	S(15) Code of the jump or trick
JUDGE	[Judge Position (J1, J2, ...)]	S(1)	Code Description: Send Judge Position (J1..J2) Pos Description: Judge order 1, 2,... Element Expected: When data is available in BA, HP, SS
	Attribute	M/O	Value
	Value	M	Numeric ##0 or 0.0 Judge score
	Sub Element: Result /ExtendedResults /ExtendedResult /Extension Expected: If applicable in BA, HP and SS		
	Attribute	Value	Description
	Code	DISCARDED	
	Pos	N/A	
	Value	S(1)	Send 'Y' if this score is discarded else do not send
JUDGE	OVERALL	N/A	Element Expected: Slopestyle SBD
	Attribute	M/O	Value
	Value	M	Numeric #0.0 Score from the overall judges in slopestyle without considering DD.
JUDGE	SECT	N/A	Pos Description: The section of the course scored. Element Expected: Slopestyle SBD
	Attribute	M/O	Value
	Value	M	Numeric #0.0 Score for the section
	Rank	M	S(2) Send the rank in the section
	RankEqual	M	S(1) Send 'Y' if rank is equalled, otherwise do not send.
JUDGE	SECT_PROG	S(1)	Pos Description: The section of the course scored. Element Expected: Slopestyle SBD
	Attribute	M/O	Value
	Value	M	Numeric #0.0 Cumulative score to the end of the section.
	Rank	M	S(2) Send the rank to the end of the section
	RankEqual	M	S(1) Send 'Y' if rank is equalled, otherwise do not send.

Sample (BA)

```
<Result Rank="1" Result="68.50" SortOrder="1" StartOrder="4" StartSortOrder="4" ResultType="POINTS">
  <ExtendedResults>
    <ExtendedResult Type="JUDGE" Code="J1" Pos="1" Value="99">
      <Extension Code="DISCARDED" Value="Y" />
    </ExtendedResult>
    <ExtendedResult Type="JUDGE" Code="J2" Pos="2" Value="40" />
    <ExtendedResult Type="JUDGE" Code="J3" Pos="3" Value="2">
      <Extension Code="DISCARDED" Value="Y" />
    </ExtendedResult>
    <ExtendedResult Type="JUDGE" Code="J4" Pos="4" Value="85" />
    <ExtendedResult Type="JUDGE" Code="J5" Pos="5" Value="98" />
    <ExtendedResult Type="JUDGE" Code="J6" Pos="6" Value="51" />
  </ExtendedResults>
  <Competitor Code="4064048" Type="A" Organisation="NZL">
    <Composition>
      <Athlete Bib="17" Code="4064048" Order="1">
        <Description GivenName="Finn" FamilyName="Bilous" Gender="M" Organisation="NZL" BirthDate="1999-09-22" IFid="2531648" />
      </Athlete>
    </Composition>
  </Competitor>
</Result>
```

Element: Result /Competitor (1,1)

Competitor related to the result of one event unit.

Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes or TBD or NOCOMP	Competitor's ID or TBD in case that the competitor is unknown at this time but will be available NOCOMP is sent when there is no competitor (and will not come later)
Type	M	S(1)	A for athlete, T for Team
Organisation	O	CC @Organisation	Competitor's organisation
Bib	O	S(5)	Bib number of the team in team events

Element: Result /Competitor /Composition /Athlete (1,N)

Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Athlete's ID.
Order	M	Numeric 0	Order attribute used to sort team members in a team (if Competitor @Type="T") on the results or 1 if Competitor @Type="A".
Bib	O	S(5)	Bib number

Element: Result /Competitor /Composition /Athlete /Description (1,1)

Athletes extended information.

Attribute	M/O	Value	Description
GivenName	O	S(25)	Given name in WNPA format (mixed case)
FamilyName	M	S(25)	Family name in WNPA format (mixed case)
Gender	M	CC @PersonGender	Gender of the athlete
Organisation	M	CC @Organisation	Athletes' organisation
BirthDate	O	Date	Birth date (example: YYYY-MM-DD). Must include if the data is available
IFId	O	S(16)	International Federation ID

Element: Result /Competitor /Composition /Athlete /EventUnitEntry (0,N)

Individual athletes entry information.

Type	Code	Pos	Description
EUE	BIB_COLOUR	N/A	Element Expected: Final phases in individual cross.
EUE	Attribute	M/O	Value
	Value	M	SC @BibColour
EUE	SNOWSEED	N/A	Element Expected: If applicable
EUE	Attribute	M/O	Value
	Value	M	S(1)
EUE	RESERVE	N/A	Element Expected: If applicable
EUE	Attribute	M/O	Value
	Value	M	S(1)

2.2.2.5 Message Sort

Sort by Result @SortOrder

2.2.3 Current Information

2.2.3.1 Description

The Current message is a message containing the current information for a competition which is live. The message is used to send the latest applicable information.

This message should only be used to build a standalone current table and not used to merge data with the DT_RESULT message. If the message is merged there is be conflicts where multiple people can have the same intermediate rank and the full DT_RESULT is only updated after each athlete.

2.2.3.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC @Competition	Unique ID for competition
DocumentCode	Full RSC (unit level)	Sent according to the ODF Header values document
DocumentSubcode	N/A	N/A
DocumentType	DT_CURRENT	Current message
DocumentSubtype	N/A	N/A
Version	1..V	Version number associated to the message's content. Ascendant number
FeedFlag	"P"-Production "T"-Test	Test message or production message.
Date	Date	Date when the message is generated, expressed in the local time zone where the message was produced.
Time	Time	Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced.
LogicalDate	Date	<p>Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight.</p> <p>If an event unit continues after midnight (24:00), all messages produced will be considered as happening at the logical date on which the event unit began (e.g. for a session which began at 21:00 on Aug 2 and ended at 1:20 on Aug 3, the message will all be dated Aug 2).</p> <p>The end of the logical day is defined by default at 03:00 a.m.</p> <p>For messages corrections, like invalidating medals or Records, it will be the LogicalDate of the day of the correction.</p> <p>Logical Date is expressed in the local time zone where the message was produced.</p>
Source	SC @Source	Code indicating the system which generated the message.

2.2.3.3 Trigger and Frequency

This message is sent in Individual Events

- At any time a competitor starts. (This athlete/pair will be considered current) and there will be a new 'next' (unless last athlete).
- Immediately after every addition/change in data during the run.
- Immediately after each competitor completes the course and the data is available.

Each message will only include the athletes currently on the course and the one/pair to follow 'Next'; this is usually not more than four athletes.

2.2.3.4 Message Values

Element: Competition (0,1)			
Attribute	M/O	Value	Description
Gen	O	S(20)	Version of the General Data Dictionary applicable to the message
Sport	O	S(20)	Version of the Sport Data Dictionary applicable to the message
Codes	O	S(20)	Version of the Codes applicable to the message

Element: ExtendedInfos /ExtendedInfo (1,N)				
Type	Code	Pos	Description	
DISPLAY	CURRENT	S(1)	Pos Description: Use 1, 2... depending number of athletes on track at the same time. Element Expected: When available	
	Attribute	M/O	Value	Description
	Value	M	S(20) without leading zeroes	Send the competitor ID of the current competitor(s).
DISPLAY	NEXT	N/A	Pos Description: Use 1. Element Expected: When available	
	Attribute	M/O	Value	Description
	Value	M	S(20) without leading zeroes	Send the competitor ID of the next competitor(s).

Sample

```
<ExtendedInfos>
<ExtendedInfo Type="DISPLAY" Code="CURRENT" Pos="R" Value="123456" />
<ExtendedInfo Type="DISPLAY" Code="CURRENT" Pos="B" Value="123444" />
<ExtendedInfo Type="DISPLAY" Code="NEXT" Pos="R" Value="123555" />
<ExtendedInfo Type="DISPLAY" Code="NEXT" Pos="B" Value="123666" />
</ExtendedInfos>
```

Element: Result (0,N)			
Attribute	M/O	Value	Description
Rank	O	String	Rank of the competitor in the event unit. In the case of BA, HP and SS qualifications there may also be athletes with the same rank in the case that qualifications are conducted in heats. This rank is the heat rank in BA/HP/SS.
RankEqual	O	S(1)	Send 'Y' if the rank is equalled else do not send. (They are not considered equal for the special case above).
Result	O	m:ss.ff or ##0.00	Result of data in the message Send in the case @ResultType is TIME or POINTS
IRM	O	SC @IRM	IRM for the event unit Send only in the case @ResultType is IRM
QualificationMark	O	SC @QualificationMark	Qualifying Mark.
StartOrder	O	S(3)	The start order of the unit. For Ski Cross Finals this field is the Lane Choice
StartSortOrder	M	Numeric #0	Used to sort all start list competitors in an event unit.
ResultType	O	SC @ResultType	Result type. Result type, either TIME or POINTS or IRM for the corresponding event unit.
Diff	O	+m:ss.ff	Time behind leader in the unit (only for those with a result). 0.00 for the leader. Do not send leading zeros. Only send in the case @ResultType is TIME Ski Cross: - In seeding: time difference compared to the leader. Do not send 0.00 for the leader. - In Finals: time difference compared to the Heat leader. Do not send 0.00 for the Heat leader.
SortOrder	M	Numeric	This attribute is a sequential number with the order of the results for the particular event unit, if they were to be presented. It is mostly based on the rank, but it should be used to sort out rank ties as well as results without rank. Prior to the unit the order is the same as StartSortOrder. (even if some have IRM) Updated during the race with the current order, which is those with rank followed by those with IRM followed by those who have not started.

Element: Result /ExtendedResults /ExtendedResult (1,N)			
Type	Code	Pos	Description
ER	JUMP	Numeric 0	Pos Description: Send the jump/trick number in the run. 1...n Element Expected: Slopestyle. Send as soon as available.
Attribute	M/O	Value	Description
Value	M	S(15)	Code of the jump or trick (in slopestyle)

Element: Result /ExtendedResults /ExtendedResult (1,N)					
Type		Code	Pos	Description	
JUDGE		[Judge Position (J1, J2, ...)]	S(1)	Code Description: Send Judge Position (J1..J2) Pos Description: Judge order 1, 2,... Element Expected: When data is available in BA, HP, SS	
		Attribute	M/O	Value	Description
		Value	M	Numeric ##0 or 0.0	Judge score
		Sub Element: Result /ExtendedResults /ExtendedResult /Extension Expected: If applicable in BA, HP and SS			
		Attribute	Value	Description	
		Code	DISCARDED		
		Pos	N/A		
		Value	S(1)	Send 'Y' if this score is discarded else do not send	
JUDGE		OVERALL	N/A	Element Expected: Slopestyle	
		Attribute	M/O	Value	Description
		Value	M	Numeric #0.0	Score from the overall judges in slopestyle without considering DD.
JUDGE		SECT	N/A	Pos Description: The section of the course scored. Element Expected: Slopestyle	
		Attribute	M/O	Value	Description
		Value	M	Numeric #0.0	Score for the section
		Rank	M	S(2)	Send the rank in the section
		RankEqual	M	S(1)	Send 'Y' if rank is equalled, otherwise do not send.
JUDGE		SECT_PROG	S(1)	Pos Description: The section of the course scored. Element Expected: Slopestyle	
		Attribute	M/O	Value	Description
		Value	M	Numeric #0.0	Cumulative score to the end of the section.
		Rank	M	S(2)	Send the rank to the end of the section
		RankEqual	M	S(1)	Send 'Y' if rank is equalled, otherwise do not send.
PROGRESS		INTERMEDIATE	S(2)	Pos Description: Intermediate point where the intermediate time is recorded (1, 2...F). For Ski Cross, intermediate S will manage the reaction time. Element Expected: Only in events with split times	
		Attribute	M/O	Value	Description

Element: Result /ExtendedResults /ExtendedResult (1,N)				
Type	Code	Pos	Description	
Value	M	m:ss.ff	Time at the intermediate point	
Rank	M	S(2)	Send the rank in the unit of the competitor at the intermediate point. Do not consider IRMs.	
RankEqual	M	S(1)	Send 'Y' if rank is equalled, otherwise do not send.	
Diff	M	s.ff or -s.ff	The difference behind the race leader at this intermediate point. Send as negative if faster than race leader.	
PROGRESS	SECTION	S(2)	Pos Description: Intermediate point at the end of the section where section time is taken (2...F). For example 2 is the section from intermediate 1 to intermediate 2 etc. Element Expected: When data is available	
Attribute	M/O	Value	Description	
Value	M	s.ff	Time for the section ending at the intermediate point @Pos.	
Rank	M	S(2)	Send the rank of the competitor in the section not considering IRMs	
RankEqual	M	S(1)	Send 'Y' if rank is equalled, otherwise do not send.	
PROGRESS	SPEED	N/A	Element Expected: When available in cross	
Attribute	M/O	Value	Description	
Value	M	Numeric ##0.00	Average speed in km/h	

Element: Result /Competitor (1,N)			
Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes or TBD	Competitor's ID or TBD in case that the competitor is unknown
Type	M	S(1)	T for team, A for athlete
Organisation	M	CC @Organisation	Competitor's organisation

2.2.3.5 Message Sort

Sort by Result @SortOrder.

2.2.4 Cumulative Results

2.2.4.1 Description

The Cumulative Results is a message containing the cumulative results for the competitors in a group of units. This message is used when the competitor scores accumulate over the different units.

In freestyle this message is used for Big Air, Halfpipe and Slopestyle. In Ski Cross this message is used for group phase.

2.2.4.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC @Competition	Unique ID for competition
DocumentCode	Full RSC (phase level)	Full RSC of the phase Note that this message is not applicable for training.
DocumentType	DT_CUMULATIVE_RESULT	Cumulative Results message
DocumentSubtype	Not used	Not used
Version	1..V	Version number associated to the message's content. Ascendant number
ResultStatus	SC @ResultStatus	It indicates the status of the results LIVE INTERMEDIATE UNCONFIRMED OFFICIAL UNOFFICIAL PROTESTED
FeedFlag	"P"-Production "T"-Test	Test message or production message.
Date	Date	Date when the message is generated, expressed in the local time zone where the message was produced.
Time	Time	Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced.

Attribute	Value	Comment
LogicalDate	Date	<p>Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight.</p> <p>If an event unit continues after midnight (24:00), all messages produced will be considered as happening at the logical date on which the event unit began (e.g. for a session which began at 21:00 on Aug 2 and ended at 1:20 on Aug 3, the message will all be dated Aug 2).</p> <p>The end of the logical day is defined by default at 03:00 a.m.</p> <p>For messages corrections, like invalidating medals or Records, it will be the LogicalDate of the day of the correction.</p> <p>Logical Date is expressed in the local time zone where the message was produced.</p>
Source	SC @Source	Code indicating the system which generated the message.

2.2.4.3 Trigger and Frequency

The cumulative results accumulate scores/results over a number of units so are generally sent after each DT_RESULT message if the cumulative message applies (usually using same ResultStatus at DT_RESULT). When there is no unit in progress the cumulative results will have INTERMEDIATE status.

- The first version is triggered at the same time as the start list of the first unit is triggered. (INTERMEDIATE)
- Send after each athlete completes the course (and has all data) during each unit. (LIVE)
- Send after non-last units is unofficial or official. (INTERMEDIATE)
- Send after the last unit is complete.
 - UNCONFIRMED: In cases of photofinish
 - UNOFFICIAL: As soon as an event unit is finished
 - OFFICIAL: After results are validated.

2.2.4.4 Message Values

Element: Competition (0,1)			
Attribute	M/O	Value	Description
Gen	O	S(20)	Version of the General Data Dictionary applicable to the message
Sport	O	S(20)	Version of the Sport Data Dictionary applicable to the message
Codes	O	S(20)	Version of the Codes applicable to the message

Element: ExtendedInfos /ExtendedInfo (0,N)				
Type	Code	Pos	Description	
EI	LAST_QUAL	N/A	Element Expected: When available in any phase where athletes progress.	
Attribute	M/O	Value	Description	
Value	M	S(20) with no leading zeroes	Send the current last qualifying place competitor ID. In the situation where insufficient competitors have participated to show the last qualifying position then show the current last place	

Element: ExtendedInfos /Progress (0,1)			
Attribute	M/O	Value	Description
LastUnit	M	CC @Unit	Full RSC of the first unit (if not started), current (if live) or most recent unit information included in the message.

Element: ExtendedInfos /SportDescription (0,1)			
Attribute	M/O	Value	Description
DisciplineName	M	S(40)	Discipline name (not code) from Common Codes
EventName	M	S(40)	Event name (not code) from Common Codes
Gender	M	CC @DisciplineGender	Gender code for the event unit

Element: ExtendedInfos /VenueDescription (0,1)			
Venue Names in Text. DO NOT INCLUDE unless all at single venue.			
Attribute	M/O	Value	Description
Venue	M	CC @VenueCode	Venue Code
VenueName	M	S(25)	Venue short name (not code) from Common Codes
Location	O	CC @Location	Location code
LocationName	O	S(30)	Location short name (not code) from Common Codes

Element: Result (1,N)			
Attribute	M/O	Value	Description
Rank	O	S(3)	Rank of the competitor in the cumulative result. In Ski Cross group phase: cumulated rank over all completed runs. In BA, HP and SS: rank based on best result over all completed runs Rank can be filled as soon as a competitor has completed one run. For "best of" events, "Summary" or "Phase" Rank may apply in case or ResultType=IRM and IRM=DNF or DNS as per sport rules. This attribute is optional because the competitor could get an invalid rank mark.
RankEqual	O	S(1)	Identifies if a rank has been equalled. Send Y if applicable
ResultType	O	SC @ResultType	Result type
Result	O	m:ss.ff or ##0.00	Best score/cumulative result. Send in the case @ResultType is TIME or POINTS
IRM	O	SC @IRM	IRM for the cumulative result Send just in the case @ResultType is IRM
QualificationMark	O	SC @QualificationMark	Qualifying Mark
Diff	O	+s.ff	Time behind leader Do not send for leader.
SortOrder	M	Numeric ##0	This attribute is a sequential number with the order of the results for the cumulative result, if they were to be presented. It is mostly based on the rank, but it should be used to sort out rank ties as well as results without rank. During second and subsequent units those without rank will be ordered following their start order in the current unit.

Element: Result /ResultItems /ResultItem (1,N)			
Identifier of the unit which is included the result summary. ResultItem /Result will be for one previous unit.			
Attribute	M/O	Value	Description
Unit	M	CC @Unit	RSC of the unit
Order	M	Numeric #0	Logical order of the units, usually schedule order.

Element: Result /ResultItems /ResultItem /Result (1,1)			
Attribute	M/O	Value	Description
Rank	O	S(3)	Rank of the competitor in the result for the unit identified by /ResultItems /ResultItem.
RankEqual	O	S(1)	Send Y in case of the Rank has been equalled else do not send.
ResultType	O	SC @ResultType	Type of the @Result attribute for the event unit or phase identified by /ResultItems /ResultItem
Result	O	m:ss.ff or ##0.00	Best score/cumulative result. Send in the case @ResultType is TIME or POINTS
IRM	O	SC @IRM	The invalid rank mark, in case it is assigned for the event unit. Send in the case @ResultType is IRM
Diff	O	+s.ff	Time behind leader. Do not send for the leader.
SortOrder	M	Numeric ##0	Used to sort all results in an event unit identified by /ResultItems /ResultItem

ER	Attribute	BEST M/O	N/A Value	Element Expected: If applicable in BA, HP, SS Description
	Value	O	S(1)	Send 'Y' if this run is the current best(s) for the competitor else do not send. Consider two in Big Air Finals

Sample (Parallel)

```
<Result Rank="2" Result="1:24.97" ResultType="TIME" SortOrder="2" QualificationMark="Q" Diff="+0.19">
  <ExtendedResults>
    <ExtendedResult Type="ER" Code="RED" Value="42.94" Rank="18" SortOrder="18" />
    <ExtendedResult Type="ER" Code="BLUE" Value="42.03" Rank="3" SortOrder="3" />
  </ExtendedResults>
  <ResultItems>
    <ResultItem Unit="SBDMPGS-----QUAL000100--" Order="1" >
      <Result Rank="3" Result="42.03" ResultType="TIME" SortOrder="7" Diff="+0.30">
        <ExtendedResults>
          <ExtendedResult Type="ER" Code="COURSE" Value="BLUE" />
        </ExtendedResults>
      </Result>
    </ResultItem>
    <ResultItem Unit="SBDMPGS-----QUAL000200--" Order="2" >
      <Result Rank="7" Result="42.94" ResultType="TIME" SortOrder="8" Diff="+0.67">
        <ExtendedResults>
          <ExtendedResult Type="ER" Code="COURSE" Value="RED" />
        </ExtendedResults>
      </Result>
    </ResultItem>
  </ResultItems>
  <Competitor Type="A" Code="3043121" Organisation="SLO">
    <Composition>
      <Athlete Code="3043121" Order="1" Bib="20">
        <Description GivenName="Zan" FamilyName="Kosir" Gender="M" Organisation="SLO" BirthDate="1984-04-11" IFId="1659088" />
      </Athlete>
    </Composition>
  </Competitor>
</Result>
```

Sample (BA, HP, SS)

```
<Result SortOrder="1" ResultType="POINTS" Result="129.00" Rank="1">
  <ResultItems>
    <ResultItem Unit="FRSWBA-----FNL-000100--">
      <Result SortOrder="2" ResultType="POINTS" Result="63.25" Rank="2">
        <ExtendedResults>
          <ExtendedResult Value="Y" Code="BEST" Type="ER"/>
        </ExtendedResults>
      </ResultItem>
    <ResultItem Unit="FRSWBA-----FNL-000200--">
      <Result SortOrder="1" ResultType="POINTS" Result="65.75" Rank="1">
        <ExtendedResults>
          <ExtendedResult Value="Y" Code="BEST" Type="ER"/>
        </ExtendedResults>
      </ResultItem>
    </ResultItems>
  </Result>
```

Element: Result /Competitor (1,1)

Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Competitor's ID
Type	M	S(1)	A for athlete
Organisation	M	CC @Organisation	Competitor's organisation

Element: Result /Competitor /Composition /Athlete (1,N)			
Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Athlete's ID
Order	M	Numeric	1 as the competitor is @Type="A".

Element: Result /Competitor /Composition /Athlete /Description (1,1)			
Athletes extended information.			
Attribute	M/O	Value	Description
GivenName	O	S(25)	Given name in WNPA format (mixed case)
FamilyName	M	S(25)	Family name in WNPA format (mixed case)
Gender	M	CC @PersonGender	Gender of the athlete
Organisation	M	CC @Organisation	Athletes' organisation
BirthDate	O	Date	Birth date (example: YYYY-MM-DD). Must include if the data is available
IFId	O	S(16)	International Federation ID

2.2.4.5 Message Sort

Result/SortOrder

2.2.5 Image

2.2.5.1 Description

The 'Image message' is a message containing an image or images file(s) in .jpg or .png format encapsulated in a XML message.

When the DocumentSubtype is PHOTOFINISH then no extensions are to be used to have all disciplines use the same structure.

2.2.5.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC @Competition	Unique ID for competition
DocumentCode	Full RSC	Unit level RSC.
DocumentSubcode	S(10)	Picture number
DocumentType	DT_IMAGE	Image message
DocumentSubtype	S(20)	Send PHOTOFINISH
Version	1..V	Version number associated to the message's content. Ascendant number
ResultStatus	SC @ResultStatus	Only applicable status is OFFICIAL
FeedFlag	"P"-Production "T"-Test	Test message or production message.
Date	Date	Date when the message is generated, expressed in the local time zone where the message was produced.
Time	Time	Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced.
LogicalDate	Date	<p>Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight.</p> <p>If an event unit continues after midnight (24:00), all messages produced will be considered as happening at the logical date on which the event unit began (e.g. for a session which began at 21:00 on Aug 2 and ended at 1:20 on Aug 3, the message will all be dated Aug 2).</p> <p>The end of the logical day is defined by default at 03:00 a.m.</p> <p>For messages corrections, like invalidating medals or Records, it will be the LogicalDate of the day of the correction.</p> <p>Logical Date is expressed in the local time zone where the message was produced.</p>
Source	SC @Source	Code indicating the system which generated the message.

2.2.5.3 Trigger and Frequency

Trigger when image available and after any change.

2.2.5.4 Message Values

Element: Competition (0,1)			
Attribute	M/O	Value	Description
Gen	O	S(20)	Version of the General Data Dictionary applicable to the message
Sport	O	S(20)	Version of the Sport Data Dictionary applicable to the message
Codes	O	S(20)	Version of the Codes applicable to the message

Element: Competition /Image (1,N)			
Attribute	M/O	Value	Description
Pos	M	Numeric #0	Used as differentiator if there are multiple images in the message.
Version	M	Numeric #0	Document Version
Revision	M	Numeric #0	Document Revision
ImageType	M	S(3)	Image type extension, jpg or png

Element: Competition /Image /Result (0,N)			
Attribute	M/O	Value	Description
Result	O	S(20)	Result of the competitor in the image. Formatted in the same was as associated DT_RESULT. Use IRM code if appropriate.
Rank	O	Text	Rank of the competitor
StartOrder	O	S(4)	Start or lane position
SortOrder	M	Numeric	This attribute is a sequential number with the order of the competitors in the image.

Element: Competition /Image /Result /Competitor (1,1)			
Attribute	M/O	Value	Description
Code	O	S(20) with no leading zeroes	Competitor's ID (Team or individual) If it is possible to send the ID it should be included.
Type	O	S(1)	A for athlete or T for team. If it is possible to send the type it should be included.
Organisation	O	CC @Organisation	Competitor's organisation

Element: Competition /Image /Result /Competitor /Description (0,1)			
Attribute	M/O	Value	Description
TeamName	O	S(73)	Name of the team

Element: Competition /Image /Result /Competitor /Composition /Athlete (1,N) Only sent in the case of individual events. Team members are not sent in team events.			
Attribute	M/O	Value	Description
Code	O	S(20) with no leading zeroes	Athlete's ID. If it is possible to send the ID it should be included.
Order	M	Numeric ##0	Send 1
Bib	O	S(5)	Bib number

Element: Competition /Image /Result /Competitor /Composition /Athlete /Description (1,1)			
Attribute	M/O	Value	Description
GivenName	O	S(25)	Given name (Photofinish Name)
FamilyName	M	S(25)	Family name (Photofinish Name)
Element: Competition /Image /ImageData (1,1)			
Attribute	M/O	Value	Description
-	M	Free Text	The ImageData element has a body consisting of one Base64-encoded report (a jpeg or png file)

Sample

```
<Image Pos="1" Version="1" Revision="0" ImageType="jpg" >
  <Result Result="3:26.23" Rank="1" StartOrder="5" SortOrder="1" >
    <Competitor Code="1234567" Type="T" Organisation="GBR" >
      <Description TeamName="Great Britain"/>
    </Result>
    <Result Result="3:26.26" Rank="2" StartOrder="3" SortOrder="2" >
      <Competitor Code="1234444" Type="T" Organisation="ESP" >
        <Description TeamName="Spain"/>
      </Result>
      <ImageData>9j/4AAQSkZJRgABAQEAAAAAAAAA ETC ETC //2Q==</ImageData>
    </Image>
```

2.2.5.5 Message Sort

Sort by Competition /Image /Pos and SortOrder within image.

2.2.6 Brackets

2.2.6.1 Description

The brackets message contains the brackets information for one event. It is used in events where there is a necessity to know in advance how successive event units will be filled as the competition progresses. In the early stages of the competition, it indicates how each of the event units will be built from the winners/losers, or other competition rules of the previous event units.

2.2.6.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC @Competition	Unique ID for competition
DocumentCode	Full RSC (event level)	Full RSC of the Event.
DocumentType	DT_BRACKETS	Brackets message
Version	1..V	Version number associated to the message's content. Ascendant number
ResultStatus	SC @ResultStatus	Status of the message. Expected statuses are: START_LIST (before any unit is complete) INTERMEDIATE (during the competition) UNCONFIRMED (when last match unconfirmed) UNOFFICIAL (when last match unofficial) OFFICIAL (when all matches official)
FeedFlag	"P"-Production "T"-Test	Test message or production message.
Date	Date	Date when the message is generated, expressed in the local time zone where the message was produced.
Time	Time	Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced.
LogicalDate	Date	Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight. If an event unit continues after midnight (24:00), all messages produced will be considered as happening at the logical date on which the event unit began (e.g. for a session which began at 21:00 on Aug 2 and ended at 1:20 on Aug 3, the message will all be dated Aug 2). The end of the logical day is defined by default at 03:00 a.m. For messages corrections, like invalidating medals or Records, it will be the LogicalDate of the day of the correction. Logical Date is expressed in the local time zone where the message was produced.
Source	SC @Source	Code indicating the system which generated the message.

2.2.6.3 Trigger and Frequency

This message should be sent at the very beginning of a competition, as soon as brackets are available.

Send when a match/event unit is completed. The message should be updated including information on each competitor in the different bracket items. Only trigger once after each unit unless there are changes in the contents.

The @ResultStatus attribute will vary depending on the competition status.

- Send with ResultStatus = "START_LIST" when bracket available and no units are complete
- Send with ResultStatus = "INTERMEDIATE" until the last event unit (Gold Medal unit) is Unofficial (i.e. for all event units up until the Gold Medal match is completed for an event)
- Send with ResultStatus = "UNCONFIRMED" when the last event unit for an event (Gold Medal match) has Unconfirmed status.
- Send with ResultStatus = "UNOFFICIAL" when the last event unit for an event (Gold Medal match) has Unofficial status.
- Send with ResultStatus = "OFFICIAL" when the last event unit for an event (Gold Medal match) has Official status.

Trigger also after any change.

2.2.6.4 Message Values

Element: Competition (0,1)			
Attribute	M/O	Value	Description
Gen	O	S(20)	Version of the General Data Dictionary applicable to the message
Sport	O	S(20)	Version of the Sport Data Dictionary applicable to the message
Codes	O	S(20)	Version of the Codes applicable to the message

Element: ExtendedInfos /SportDescription (0,1) Sport Description in Text			
Attribute	M/O	Value	Description
DisciplineName	M	S(40)	Discipline name (not code) from Common Codes
EventName	M	S(40)	Event name (not code) from Common Codes.
Gender	M	CC @DisciplineGender	Gender code for the event unit

Element: ExtendedInfos /VenueDescription (0,1)			
Attribute	M/O	Value	Description
Venue	M	CC @VenueCode	Venue code
VenueName	M	S(25)	Venue short name (not code) from Common Codes
Location	M	CC @Location	Location Code
LocationName	M	S(30)	Location short name (not code) from Common Codes

Element: Bracket (1,N)			
Attribute	M/O	Value	Description
Code	M	SC @Bracket	Bracket code to identify a bracket item. One for each individual bracket as defined in ORIS.

Element: Bracket /BracketItems (1,N)			
Attribute	M/O	Value	Description
Code	M	SC @BracketItems	Bracket code to identify a set of bracket items. The quarterfinals, semifinals or finals phases etc.

Element: Bracket /BracketItems /BracketItem (1,N)			
Attribute	M/O	Value	Description
Code	O	Numeric #0	Unique number for all BracketItems in the message 1,...
Order	M	Numeric #0	Sequential number inside of BracketItems to indicate the order, always start at 1
Position	M	Numeric #0	Bracket position when drawing the bracket. For example, a quarter final has 4 items, with positions 1, 2, 3 and 4 from the top. Use the appropriate number to draw the position.
Date	O	Date	YYYY-MM-DD. Must be filled if known
Time	O	S(5)	HH:MM. Must be filled if known
Unit	O	CC @Unit	Full RSC of the unit for the BracketItem

Element: Bracket /BracketItems /BracketItem /CompetitorPlace (1,N)			
- If the competitors are known, this element is used to place the competitors in the bracket. - If they are not yet known, it contains some information (on the rule to access to this bracket...)			
Attribute	M/O	Value	Description
Pos	M	Numeric 0	This attribute is a sequential number to place the different competitors in the bracket (1, 2 ...). (Order changes before and after following ORIS)
Code	O	SC @CompetitorPlace	If there is no competitor (BYE) or when it is not known yet (TBD) or when both competitors are disqualified or Withdraw (NCT)
Rank	O	S(5)	The rank in Cross or IRM if applicable
IRM	O	SC @IRM	The invalid rank mark, if applicable
QualificationMark	O	SC @QualificationMark	Send in cross where the competitor has qualified to the next phase.
StrikeOut	O	S(1)	Send if the competitor should be struck out in the bracket item.
StartOrder	O	SC @BibColour	Send colour in cross

Element: Bracket /BracketItems /BracketItem /CompetitorPlace /ExtCompPlaces /ExtCompPlace (1,N)				
Type	Code	Pos	Description	
ECP	LANE	N/A	Element Expected: If applicable in the unit (Cross)	
ECP	Attribute	M/O	Value	Description
	Value	M	Numeric 0	Lane number
	YC	N/A	Element Expected: If applicable in the unit (Cross)	
	Attribute	M/O	Value	Description
	Value	M	S(1)	Send Y for yellow card indicator

Element: Bracket /BracketItems /BracketItem /CompetitorPlace /PreviousUnit (0,1)
 Previous event unit related to the CompetitorPlace@Pos competitor of the current bracket item. It is always informed except for the bracket items whose CompetitorPlace@Pos competitor do not have preceding event units in the bracket graph unless coming from a pool.

Attribute	M/O	Value	Description
Unit	O	CC @Unit	Full RSC of the unit where the competitor progresses/progressed from

Element: Bracket /BracketItems /BracketItem /CompetitorPlace /Competitor (0,1)
 CompetitorPlace @Pos competitor related to the bracket item. Only include if the competitor is known .

Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Competitor's ID
Type	M	S(1)	A for athlete
Seed	O	S(2)	Rank of the competitor in the qualification
Organisation	O	CC @Organisation	Competitors' organisation if known

Element: Bracket /BracketItems /BracketItem /CompetitorPlace /Competitor /Composition /Athlete (1,N)				
Attribute	M/O	Value	Description	
Code	M	S(20) with no leading zeroes	Competitor ID	
Order	M	Numeric 0	Order of the athlete in the team, 1 in individual events.	
Bib	O	S(5)	Bib number of the athlete	

Element: Bracket /BracketItems /BracketItem /CompetitorPlace /Competitor /Composition /Athlete /Description (1,1)			
Attribute	M/O	Value	Description
GivenName	O	S(25)	Given name in WNPA format (mixed case)
FamilyName	M	S(25)	Family name in WNPA format (mixed case)
Gender	M	CC @PersonGender	Gender of the athlete
Organisation	M	CC @Organisation	Athletes' organisation
BirthDate	O	Date	Birth date (example: YYYY-MM-DD). Must include if the data is available
IFId	O	S(16)	International Federation ID

Sample (Cross)

```

<Bracket Code="FNL">
  <BracketItems Code="SFL">
    <BracketItem Code="13" Order="1" Position="1" Date="2014-02-22" Time="15:22" Unit="xxx.." >
      <CompetitorPlace Pos="1" Rank="1" QualificationMark="BF" StartOrder="BLUE" >
        <ExtCompPlaces>
          <ExtCompPlace Type="ECP" Code="LANE" Value="3" />
        </ExtCompPlaces>
        <PreviousUnit Unit="xxx..." />
        <Competitor Code="2000996" Type="A" Organisation="GER">
          <Composition>
            <Athlete Code="2000996" Order="1" Bib="123" >
              <Description GivenName="John" FamilyName="Smith" Gender="M" Organisation="GER" BirthDate="1994-12-15" />
            </Athlete>
          </Composition>
        </Competitor>
      </CompetitorPlace>
      <CompetitorPlace Pos="2" Rank="2" QualificationMark="BF" StartOrder="RED" >
        <ExtCompPlaces>
          <ExtCompPlace Type="ECP" Code="LANE" Value="6" />
        </ExtCompPlaces>
        <PreviousUnit Unit="xxx..." />
        <Competitor Code="2019181" Type="A" Organisation="SUI">
          <Composition>
            <Athlete Code="2019181" Order="1" Bib="723" >
              <Description GivenName="John" FamilyName="Malone" Gender="M" Organisation="SUI" BirthDate="1992-12-15" />
            </Athlete>
          </Composition>
        </Competitor>
      </CompetitorPlace>
    </BracketItem>
  </BracketItems>
</Bracket>

```

2.2.6.5 Message Values

The following order applies:

- Bracket: by @Code FNL and BRN.
- BracketItems: It will be referred to BracketItems /BracketItem /Unit (all BracketItem should be grouped by the BracketItem /Unit attribute).
- Then, the BracketItem /Unit are sorted according to their scheduled start time.

2.2.7 Event Final Ranking

2.2.7.1 Description

The event final ranking is a message containing the final results and ranking at the completion of one particular event, either for individual athletes or for aggregated athletes.

The final ranking message is a generic message for all sports, including the full event final result for all competitors who were either ranked, got an Invalid Rank Mark (disqualified, etc.), or both.

Depending on the sport rules include all competitors in the competition as all can be ranked (as in Marathon) or only include those with a final ranking as other are unranked (as in tennis).

2.2.7.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC @Competition	Unique ID for competition
DocumentCode	Full RSC of the Event	One message is sent for each event.
DocumentType	DT_RANKING	Event Final ranking message
Version	1..V	Version number associated to the message's content. Ascendant number
ResultStatus	SC @ResultStatus	Result status, indicates whether the data is official or partial. PARTIAL OFFICIAL
FeedFlag	"P"-Production "T"-Test	Test message or production message.
Date	Date	Date when the message is generated, expressed in the local time zone where the message was produced.
Time	Time	Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced.
LogicalDate	Date	Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight. If an event unit continues after midnight (24:00), all messages produced will be considered as happening at the logical date on which the event unit began (e.g. for a session which began at 21:00 on Aug 2 and ended at 1:20 on Aug 3, the message will all be dated Aug 2). The end of the logical day is defined by default at 03:00 a.m. For messages corrections, like invalidating medals or Records, it will be the LogicalDate of the day of the correction. Logical Date is expressed in the local time zone where the message was produced.
Source	SC @Source	Code indicating the system which generated the message.

2.2.7.3 Trigger and Frequency

This message is only triggered after a unit which affects the final ranking is official and that ranking is not subject to change or some ranking in that unit are not subject to change.

The message is expected at the end of each unit during finals along with each change.

- After a non-final unit which affects the final ranking is official and that ranking is not subject to change. (PARTIAL)
- After last unit of the competition is official. (OFFICIAL)

2.2.7.4 Message Values

Element: Competition (0,1)			
Attribute	M/O	Value	Description
Gen	O	S(20)	Version of the General Data Dictionary applicable to the message
Sport	O	S(20)	Version of the Sport Data Dictionary applicable to the message
Codes	O	S(20)	Version of the Codes applicable to the message

Element: ExtendedInfos /SportDescription (0,1)			
Sport Description in text			
Attribute	M/O	Value	Description
DisciplineName	M	S(40)	Discipline name (not code) from Common Codes
EventName	M	S(40)	Event name (not code) from Common Codes.
Gender	M	CC @DisciplineGender	Gender code for the event unit.

Element: ExtendedInfos /VenueDescription (0,1)			
Attribute	M/O	Value	Description
Venue	M	CC @VenueCode	Venue code
VenueName	M	S(25)	Venue short name (not code) from Common Codes

Element: Result (1,N)			
For any event final ranking message, there should be at least one competitor being awarded a result for the event.			
Attribute	M/O	Value	Description
Rank	O	S(3)	Final rank of the competitor in the event. This attribute is optional because the competitor could be unranked in the case of a red card, for example.
RankEqual	O	S(1)	Send Y if the rank is equalled, else do not send
ResultType	O	SC @ResultType	Send CODE unless IRM applies
IRM	O	SC @IRM	Send if the competitor has an IRM
SortOrder	M	Numeric	This attribute is a sequential number with the order of the results for the event, if they were to be presented. It is mostly based on the rank, but it should be used to sort out rank ties as well as results without rank.

Element: Result /ExtendedResults /ExtendedResult (1,N)				
Type		Code	Pos	Description
ER		RACE_PTS	N/A	Element Expected: If data exists
	Attribute	M/O	Value	Description
	Value	M	Numeric ###0.00	Race points earned for each competitor
ER		LAST_UNIT	N/A	Element Expected: Ski Cross, HP, SS, BA
	Attribute	M/O	Value	Description
	Value	M	Full RSC	Send the full RSC of the final unit in which the competitor participated.
ER		UNIT_RANK	N/A	Element Expected: Ski Cross
	Attribute	M/O	Value	Description
	Value	M	Numeric 0	Rank in the heat where athlete finished the competition.
ER		QUAL_RANK	N/A	Element Expected: Ski Cross
	Attribute	M/O	Value	Description
	Value	M	Numeric #0	Rank in qualification.

Element: Result /Competitor (1,1)			
Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Competitor's ID. "NOCOMP" in the case where there is no competitor in the rank due to IRM.
Type	M	S(1)	T for Team A for athlete
Organisation	O	CC @Organisation	Competitors' organisation if known

Element: Result /Competitor /Description (0,1)			
Attribute	M/O	Value	Description
TeamName	M	S(73)	Name of the team. Only applies for teams

Element: Result /Competitor /Composition /Athlete (1,N)			
Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Athlete's ID, corresponding to an individual athlete or a team member. Team members should be participating in the event.
Order	M	Numeric #0	Order attribute used to sort team members in a team (if Competitor @Type="T") or 1 if Competitor @Type="A".
Bib	O	S(5)	Bib number

Element: Result /Competitor /Composition /Athlete /Description (1,1)			
Attribute	M/O	Value	Description
GivenName	O	S(25)	Given name in WNPA format (mixed case)
FamilyName	M	S(25)	Family name in WNPA format (mixed case)
Gender	M	CC @PersonGender	Gender of the athlete
Organisation	M	CC @Organisation	Athletes' organisation
BirthDate	O	Date	Birth date (example: YYYY-MM-DD). Must include if the data is available
IFId	O	S(16)	International Federation ID

Sample

```
<Result Rank="2" ResultType="CODE" SortOrder="2">
  <ExtendedResults>
    <ExtendedResult Type="ER" Code="RACE_PTS" Value="800" />
    <ExtendedResult Type="ER" Code="UNIT_RANK" Value="2" />
    <ExtendedResult Type="ER" Code="LAST_UNIT" Value= FRSMFS-----FNL-0001----" />
  </ExtendedResults>
  <Competitor Code="2000996" Type="A" Organisation="GER" >
    <Composition>
      <Athlete Code="2000996" Order="1">
        <Description GivenName="John" FamilyName="Smith" Gender="M" Organisation="GER" BirthDate="1994-12-15" />
      </Athlete>
    </Composition>
  </Competitor>
</Result>
<Result Rank="3" ResultType="CODE" SortOrder="3">
  <ExtendedResults>
    <ExtendedResult Type="ER" Code="RACE_PTS" Value="600" />
    <ExtendedResult Type="ER" Code="UNIT_RANK" Value="3" />
    <ExtendedResult Type="ER" Code="LAST_UNIT" Value= FRSMFSX-----FNL-0001----" />
  </ExtendedResults>
  <Competitor Code="2030033" Type="A" Organisation="SUI" >
    <Composition>
      <Athlete Code="2030033" Order="1">
        <Description GivenName="John" FamilyName="Brown" Gender="M" Organisation="SUI" BirthDate="1992-12-15" />
      </Athlete>
    </Composition>
  </Competitor>
</Result>
```

2.2.7.5 Message Sort

Sort by Result @SortOrder

2.2.8 Weather

2.2.8.1 Description

The Weather Conditions is a message containing the current weather conditions in the venue.

2.2.8.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC @Competition	Unique ID for competition
DocumentCode	Full RSC	Full RSC at discipline level
DocumentSubcode	CC @Location	Location code (venue level)
DocumentType	DT_WEATHER	Weather conditions in venue
Version	1..V	Version number associated to the message's content. Ascendant number
FeedFlag	"P"-Production "T"-Test	Test message or production message.
Date	Date	Date when the message is generated, expressed in the local time zone where the message was produced.
Time	Time	Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced.
LogicalDate	Date	<p>Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight.</p> <p>If an event unit continues after midnight (24:00), all messages produced will be considered as happening at the logical date on which the event unit began (e.g. for a session which began at 21:00 on Aug 2 and ended at 1:20 on Aug 3, the message will all be dated Aug 2).</p> <p>The end of the logical day is defined by default at 03:00 a.m.</p> <p>For messages corrections, like invalidating medals or Records, it will be the LogicalDate of the day of the correction.</p> <p>Logical Date is expressed in the local time zone where the message was produced.</p>
Source	SC @Source	Code indicating the system which generated the message.

2.2.8.3 Trigger and Frequency

The message is sent

- once per session (approximately 30 minutes before start of session)
- when conditions change significantly during the session

2.2.8.4 Message Values

Element: Competition (0,1)			
Attribute	M/O	Value	Description
Gen	O	S(20)	Version of the General Data Dictionary applicable to the message
Sport	O	S(20)	Version of the Sport Data Dictionary applicable to the message
Codes	O	S(20)	Version of the Codes applicable to the message

Element: Weather (1,1)			
Attribute	M/O	Value	Description
Date	M	DateTime	Date/time of the conditions

Element: Weather /Conditions (1,N)			
Attribute	M/O	Value	Description
Code	M	SC @WeatherPoint	Weather points, send START and FINISH or GEN as applicable
Humidity	O	Numeric ##0	Humidity in %
Wind_Direction	O	CC @WindDirection	Wind direction

Element: Weather /Conditions /Condition (0,3)			
Attribute	M/O	Value	Description
Code	M	S(4)	Weather condition type, send SKY and SNOW
Value	M	CC @SnowConditions or CC @WeatherCondition	Use CC @WeatherConditions for SKY Use CC @SnowConditions for SNOW

Element: Weather /Conditions /Temperature (0,N)			
Attribute	M/O	Value	Description
Code	M	S(4)	Temperature type, send AIR, SNOW
Unit	M	SC @TemperatureUnit	Unit for temperature, send both
Value	M	Numeric #0.0	Temperature of the @Code. Negative is applicable

Element: Weather /Conditions /Wind (0,N) If data available			
Attribute	M/O	Value	Description
Code	M	S(5)	Wind Speed, send SPEED
Unit	M	SC @WindUnit	Unit for Wind. Use MS and KMH
Value	M	Numeric ##0.0	Wind speed in @Unit degrees.

Sample

```
<Weather Date="2006-02-06T13:00:00+01:00" >
  <Conditions Code="START" Humidity="49" Wind_Direction="SE">
    <Condition Code="SKY" Value="pc" />
    <Condition Code="SNOW" Value="hrd" />
    <Temperature Code="AIR" Unit="C" Value="2.8" />
    <Temperature Code="AIR" Unit="F" Value="37.0" />
    <Temperature Code="SNOW" Unit="C" Value="-2.4" />
    <Temperature Code="SNOW" Unit="F" Value="27.7" />
    <Wind Code="SPEED" Unit="KMH" Value="7.2" />
    <Wind Code="SPEED" Unit="MS" Value="2.0" />
  </Conditions>
  <Conditions Code="FINISH" Humidity="37" Wind_Direction="VR">
    <Condition Code="SKY" Value="pc" />
    <Condition Code="SNOW" Value="hrd" />
    <Temperature Code="AIR" Unit="C" Value="8.8" />
    <Temperature Code="AIR" Unit="F" Value="47.8" />
    <Temperature Code="SNOW" Unit="C" Value="0.3" />
    <Temperature Code="SNOW" Unit="F" Value="32.5" />
    <Wind Code="SPEED" Unit="KMH" Value="0.0" />
    <Wind Code="SPEED" Unit="MS" Value="0.0" />
  </Conditions>
</Weather>
</Weather>
```

2.2.8.5 Message Sort

There is no special sort order requirement for this message. Usually, Conditions@code is the attribute used to sort the conditions.

2.2.9 Configuration

2.2.9.1 Description

The Configuration is a message containing general configuration.

2.2.9.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC @Competition	Unique ID for competition
DocumentCode	Full RSC	Send one message per unit.
DocumentType	DT_CONFIG	Configuration message
Version	1..V	Version number associated to the message's content. Ascendant number
FeedFlag	"P"-Production "T"-Test	Test message or production message.
Date	Date	Date when the message is generated, expressed in the local time zone where the message was produced.
Time	Time	Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced.
LogicalDate	Date	<p>Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight.</p> <p>If an event unit continues after midnight (24:00), all messages produced will be considered as happening at the logical date on which the event unit began (e.g. for a session which began at 21:00 on Aug 2 and ended at 1:20 on Aug 3, the message will all be dated Aug 2).</p> <p>The end of the logical day is defined by default at 03:00 a.m.</p> <p>For messages corrections, like invalidating medals or Records, it will be the LogicalDate of the day of the correction.</p> <p>Logical Date is expressed in the local time zone where the message was produced.</p>
Source	SC @Source	Code indicating the system which generated the message.

2.2.9.3 Trigger and Frequency

The message is sent prior to any ODF Sports message sending one message for each unit.

Trigger also after any change, but considering that, if possible, the configuration must be provided before the start list.

If a DT_CONFIG message is sent after a DT_RESULT in a related unit then the next version of DT_RESULT must be sent immediately.

2.2.9.4 Message Values

Element: Competition (0,1)			
Attribute	M/O	Value	Description
Gen	O	S(20)	Version of the General Data Dictionary applicable to the message
Sport	O	S(20)	Version of the Sport Data Dictionary applicable to the message
Codes	O	S(20)	Version of the Codes applicable to the message

Element: Configs /Config (1,N)			
Attribute	M/O	Value	Description
Unit	M	CC @Phase	Full RSC (34) at phase level

Element: Configs /Config /ExtendedConfig (1,N)				
Type		Code	Pos	Description
FIS		HOMOLOGATION	N/A	Element Expected: When Available
	Attribute	M/O	Value	Description
	Value	M	String	FIS Homologation number
COURSE		NAME	N/A	Element Expected: When available
	Attribute	M/O	Value	Description
	Value	M	String	Name of the course in ENG
COURSE		LENGTH	N/A	Element Expected: When applicable
	Attribute	M/O	Value	Description
	Value	M	Numeric ###0	Send the total length of the course in m.
COURSE		HALF_PIPE	N/A	Element Expected: In halfpipe only
	Attribute	M/O	Value	Description
	Sub Element: Configs /Config /ExtendedConfig /ExtendedConfigItem			
	Attribute	Value	Description	
	Code	HEIGHT		
	Pos	N/A		
	Value	Numeric ##0.0	HP inner height of walls in metres	
Sub Element: Configs /Config /ExtendedConfig /ExtendedConfigItem				
	Attribute	Value	Description	
	Code	INCLIN		
	Pos	N/A		
	Value	Numeric #0	HP degrees of inclination	
Sub Element: Configs /Config /ExtendedConfig /ExtendedConfigItem				
	Attribute	Value	Description	

Element: Configs /Config /ExtendedConfig (1,N)				
Type		Code	Pos	Description
	Code	INCLIN_VERT		
	Pos	N/A		
	Value	Numeric #0	HP degrees of vertical inclination	
	Sub Element: Configs /Config /ExtendedConfig /ExtendedConfigItem			
	Attribute	Value	Description	
	Code	LENGTH		
	Pos	N/A		
	Value	Numeric ###0	HP length in metres	
	Sub Element: Configs /Config /ExtendedConfig /ExtendedConfigItem			
	Attribute	Value	Description	
	Code	WIDTH		
	Pos	N/A		
	Value	Numeric ###0.0	HP width wall to wall in metres	
COURSE		BIGAIR	N/A	Element Expected: Always in the case of big air
	Attribute	M/O	Value	Description
	Sub Element: Configs /Config /ExtendedConfig /ExtendedConfigItem Expected:			
	Attribute	Value	Description	
	Code	HEIGHT		
	Pos	N/A	Kicker number	
	Value	Numeric #0.0	Jump height in metres	
	Sub Element: Configs /Config /ExtendedConfig /ExtendedConfigItem Expected:			
	Attribute	Value	Description	
	Code	IN_RUN_DIST		
	Pos	N/A		
	Value	Numeric #0.0	In run distance in metres	
	Sub Element: Configs /Config /ExtendedConfig /ExtendedConfigItem			
	Attribute	Value	Description	
	Code	IN_RUN_GRAD		
	Pos	N/A		
	Value	Numeric #0.0	In run gradient in degrees	

Element: Configs /Config /ExtendedConfig (1,N)				
Type		Code	Pos	Description
	Sub Element: Configs /Config /ExtendedConfig /ExtendedConfigItem			
	Attribute	Value	Description	
	Code	KNOLL		
	Pos	N/A		
	Value	Numeric #0.0	Take off to knoll distance in metres	
	Sub Element: Configs /Config /ExtendedConfig /ExtendedConfigItem			
	Attribute	Value	Description	
	Code	LAND_GRAD		
	Pos	N/A		
	Value	Numeric #0.0	Landing gradient in degrees	
	COURSE		SLOPESTYLE	N/A
	Attribute	M/O	Value	Description
	Sub Element: Configs /Config /ExtendedConfig /ExtendedConfigItem Expected:			
	Attribute	Value	Description	
	Code	JIBBING_NUM		
	Pos	N/A		
	Value	Numeric #0	Number of jibbing features	
	Sub Element: Configs /Config /ExtendedConfig /ExtendedConfigItem Expected:			
	Attribute	Value	Description	
	Code	JUMPS_NUM		
	Pos	N/A		
	Value	Numeric #0	Number of jump features	
COURSE		FEATURES_NUM	N/A	Element Expected: Cross
	Attribute	M/O	Value	Description
	Value	M	Numeric #0	Number of features
	COURSE		ALTITUDE	N/A
	Attribute	M/O	Value	Description
	Value	M		
	Sub Element: Configs /Config /ExtendedConfig /ExtendedConfigItem Expected:			

Element: Configs /Config /ExtendedConfig (1,N)				
Type		Code	Pos	Description
	Attribute	Value	Description	
	Code	DROP		
	Pos	N/A		
	Value	Numeric ###0	Send the total vertical drop in metres	
	Sub Element: Configs /Config /ExtendedConfig /ExtendedConfigItem			
	Attribute	Value	Description	
	Code	FINISH		
	Pos	N/A		
	Value	Numeric ###0	Send the altitude at the finish in metres	
	Sub Element: Configs /Config /ExtendedConfig /ExtendedConfigItem			
	Attribute	Value	Description	
	Code	START		
	Pos	N/A		
	Value	Numeric ###0	Send the altitude at the start point in metres	
EC		INTERMEDIATES_NUM	N/A	Element Expected: Ski Cross
	Attribute	M/O	Value	Description
	Value	M	Numeric #0	Send the total number of intermediate points where the time is recorded including F.
EC		INTERMEDIATE	S(2)	Pos Description: Send the value that identifies the intermediate point, S for start then 1 to n for intermediates along the course and F for the finish point. Element Expected: If there are intermediate points where time is recorded.
EC	Attribute	M/O	Value	Description
	Value	M	String	Name of the intermediate point in ENG. Not applicable for S or F (blank).
		HEATS_NUM	N/A	Element Expected: Send by phase if not 1.
	Attribute	M/O	Value	Description
	Value	M	Numeric 0	Send the number of heats
EC		RUNS_NUM	N/A	Element Expected: Always
	Attribute	M/O	Value	Description
	Value	M	Numeric 0	Send the number of runs
QUALIFICATION		QUAL_RULE	N/A	Element Expected: When applicable

Element: Configs /Config /ExtendedConfig (1,N)				
Type	Code	Pos	Description	
Attribute	M/O	Value	Description	
Value	M	SC @QualRule	Send the code for the qualification rule.	
QUALIFICATION	FROM_RANK	S(2)	Pos Description: Send according to the round to progress: Send F (Final) Send Q2 (Qualification 2) Send A (Big Final) Send B (Small Final) Send SF for Semifinal Send QF for Quarterfinal Send 8 for 1/8 Final Element Expected: When applicable	
Attribute	M/O	Value	Description	
Value	M	Numeric #0	Send the qualifying rank to indicate first rank to qualify	
QUALIFICATION	TO_RANK	S(2)	Pos Description: Send according to the round to progress: Send F (Final) Send Q2 (Qualification 2) Send A (Big Final) Send B (Small Final) Send SF for Semifinal Send QF for Quarterfinal Send 8 for 1/8 Final Element Expected: When applicable	
Attribute	M/O	Value	Description	
Value	M	Numeric #0	Send the qualifying rank to indicate last rank to qualify	

Sample

```

<Configs>
  <Config Unit="FRWSX-----FNL-----" >
    <ExtendedConfig Type="FIS" Code="HOMOLOGATION" Value="10722/11/12" />
    <ExtendedConfig Type="COURSE" Code="NAME" Value="Rosa Style" />
    <ExtendedConfig Type="COURSE" Code="LENGTH" Value="635" />
    <ExtendedConfig Type="COURSE" Code="FEATURES_NUM" Value="8" />
    <ExtendedConfig Type="COURSE" Code="ALTITUDE" >
      <ExtendedConfigItem Code="START" Value="1162" />
      <ExtendedConfigItem Code="FINISH" Value="1015" />
      <ExtendedConfigItem Code="DROP" Value="147" />
    </ExtendedConfig>
    <ExtendedConfig Type="EC" Code="INTERMEDIATES_NUM" Value="2" />
    <ExtendedConfig Type="QUALIFICATION" Code="FROM_RANK" Pos="A" Value="1" />
    <ExtendedConfig Type="QUALIFICATION" Code="TO_RANK" Pos="A" Value="6" />
    <ExtendedConfig Type="QUALIFICATION" Code="FROM_RANK" Pos="B" Value="7" />
    <ExtendedConfig Type="QUALIFICATION" Code="TO_RANK" Pos="B" Value="12" />
  </Config>

```

2.2.9.5 Message Sort



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ODF WYOG-2020-FRS-0.2 SFR

There is no message sorting rule.

3 Document Control

Version history		
Version	Date	Comments
V0.1	08 Oct 2019	First version incl. modifications for Lausanne 2020
V0.2	13 Dec 2019	Modifications for Lausanne

File Reference: ODF WYOG-2020-FRS-0.2 SFR

Change Log		
Version	Status	Changes on version
V0.1	SFR	First version; Medals message not applicable; removed references to Aerials and Moguls
V0.2	SFR	<p>Updated 1.2 Summary of Messages in this Discipline</p> <p>Removed DT_PARTIC_TEAMS</p> <p>added DT_CUMULATIVE_RESULT</p> <p>DT_CUMULATIVE_RESULT:</p> <ul style="list-style-type: none"> Updated definition to support Best Run, added [Type="ER" Code="BEST"] to Element Result/ResultItems/ResultItem/Result/ExtendedResults/ExtendedResult added BA, HP, SS sample <p>DT_RESULT:</p> <ul style="list-style-type: none"> removed Result / Competitor / Description removed Result /ResultItems /ResultItem removed Result /ResultItems /ResultItem /Result removed Result /ResultItems /ResultItem /Result /ExtendedResults /ExtendedResult removed Result /ExtendedResults /ExtendedResult [Type="ER" Code="RED / BLUE"] removed Result /ResultItems /ResultItem /Result /ExtendedResults /ExtendedResult [Type="ER" Code="COURSE"] Updated definition to support number of gates, added [Type="UI" Code="GATES_NUM"] to Element ExtendedInfos/ExtendedInfo Updated definition to support jump codes and judge score, added [Type="ER" Code="JUMP"], [Type="JUDGE" Code="[Judge Position (J1, J2, ...)]"], [Type=" JUDGE" Code=" OVERALL"], [Type=" JUDGE" Code=" SECT"], [Type=" JUDGE" Code=" SECT_PROG"], to Element Result/ExtendedResults/ExtendedResult updated BA sample