

# OLYMPIC DATA FEED

## **ODF Speed Skating Data Dictionary**

Lausanne 2020 - Winter Youth Olympic Games

Technology and Information Department

© International Olympic Committee

ODF-WYOG-2020-SSK V0.3 SFR

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# 1 Introduction

## 1.1 This document

This document includes the ODF Speed Skating Data Dictionary. This Data Dictionary refines the messages described in the ODF General Messages Interface Document specifically for speed skating.

## 1.2 Objective

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

## 1.3 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.

## 1.4 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

## 1.5 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 speed skating.

- 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	X
DT_MEDALS *	Medal standings	
DT_RESULT	Event Unit Start List and Results	X
DT_CURRENT	Current Information	X
DT_IMAGE	Image	X
DT_PRESSPHOTOFINISH_LK	Press Photofinish	
DT_BRACKETS	Brackets	X
DT_RECORD	Records	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: 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>
Status	O	CC @ParticStatus	<p>Participant's accreditation status this attribute is Mandatory in the case of @Current="true" and it is optional in the case that @Current="false".</p> <p>To delete a participant, a specific value of the Status attribute is used.</p>
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)



Element: Participant (1,N)			
Attribute	M/O	Value	Description
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
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.

Element: Participant (1,N)			
Attribute	M/O	Value	Description
ModificationIndicator	M	S(1)	<p>'N' or 'U'</p> <p>Attribute is mandatory in the DT_PARTIC_UPDATE message only</p> <p>N-New participant (in the case that this information comes as a late entry)</p> <p>U-Update participant</p> <p>If ModificationIndicator='N', then include new participant to the previous bulk-loaded list of participants</p> <p>If ModificationIndicator='U', then update the participant to the previous bulk-loaded list of participants</p> <p>To delete a participant, a specific value of the Status attribute is used.</p>

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.
Substitute	O	S(1)	Send Y if the athlete is a substitute else do not send.

Element: Participant /Discipline /RegisteredEvent /EventEntry (0,N)

Type	Code	Pos	Description
ENTRY	RANK_WLD	N/A	Element Expected: When available
	<b>Attribute</b>	<b>M/O</b>	<b>Value</b>
	Value	M	S(4)
			World Rank of the athlete
ENTRY	PB	N/A	Element Expected: When known
	<b>Attribute</b>	<b>M/O</b>	<b>Value</b>
	Value	M	m:ss.ff
			Personal best time, do not send leading zeros.
ENTRY	SB	N/A	Element Expected: When known
	<b>Attribute</b>	<b>M/O</b>	<b>Value</b>
	Value	M	m:ss.ff
			Season best time, do not send leading zeros.



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### **2.2.1.5 Message Sort**

The message is sorted by Participant @Code

## 2.2.2 List of teams / List of teams update

### 2.2.2.1 Description

DT\_PARTIC\_TEAMS contains the list of teams related to the current competition.

A team is a type of competitor, being a group of two or more individual athletes participating together in one event. One team participates in one event of one discipline. When one team participates in multiple events, there will be one team for each event for the same group. Also when the same organisation participates in the same event twice, there will be different teams.

List of teams (DT\_PARTIC\_TEAMS) is a bulk message by discipline. The list is always complete. The arrival of this message resets all the previous participant teams' information for that discipline. It is assumed that all teams appearing in this list are valid, in the meaning that they are participating or they could participate in one event.

A historical team is defined as a group of athletes (team members) competing in the past in a competition event for an organisation. The historical team members appearing in this message will be listed in the list of historical athletes' messages. The list of historical teams just associates historical team members with the corresponding historical teams. Historical teams will not be registered to any event.

List of teams update (DT\_PARTIC\_TEAMS\_UPDATE) is an update message. It is not a complete list of teams' information message. It only contains the data of a team being modified.

### 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 (discipline level)	RSC at the discipline level
DocumentType	DT_PARTIC_TEAMS DT_PARTIC_TEAMS_UPDATE	/ List of participant teams 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.

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

The DT\_PARTIC\_TEAMS 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\_TEAMS\_UPDATE messages are sent.

The DT\_PARTIC\_TEAMS\_UPDATE message is triggered when there is a modification in the data for any team after the transfer of control to OVR.

## 2.2.2.4 Message Values

Element: Team (1,N)			
Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Team's ID When the Team is an historical one, then this ID starts with "T".
Organisation	M	CC @Organisation	Team organisation's ID
Number	O	Numeric #0	Team's number. If there is not more than one team for one organisation participating in one event, it is 1. Otherwise, it will be incremental, 1 for the first organisation's team, 2 for the second organisation's team, etc. Required in the case of current teams.
Name	M	S(73)	Team's name.
TVTeamName	M	S(21)	TV Team Name
Gender	M	CC @DisciplineGender	Discipline Gender Code of the Team Char(1)
Current	M	boolean	It defines if a team is participating in the games (true) or it is a Historical team (false)
ModificationIndicator	M	N, U, D	Attribute is mandatory in the DT_PARTIC_TEAMS_UPDATE message only N-New team (in the case that this information comes as a late entry) U-Update team D-Delete team If ModificationIndicator='N', then include new team to the previous bulk-loaded list of teams If ModificationIndicator='U', then update the team to the previous bulk-loaded list of teams If ModificationIndicator='D', then delete the team to the previous bulk-loaded list of teams

Element: Team /Composition /Athlete (0,N)			
Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Athlete's ID of the listed team's member. Therefore, he/she makes part of the team's composition.
Order	O	Numeric	Team member order. (Send when available)

Element: Team /Discipline (0,1)			
Discipline is expected unless ModificationIndicator="D"			
Attribute	M/O	Value	Description
Code	M	CC @Discipline	Full RSC of the discipline
IFld	O	S(16)	Federation number for the corresponding discipline (include if the discipline assigns international federation codes to teams)

**Element: Team /Discipline /RegisteredEvent (0,1)**

Each current team is assigned to one event. Historical teams will not be registered to any event.

Attribute	M/O	Value	Description
Event	M	CC @Event	Full RSC of the event
Substitute	O	S(1)	1 for First substitute 2 for Second substitute else do not send

**Element: Team /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 team

### 2.2.2.5 Message Sort

The message is sorted by Team @Code.

## 2.2.3 Event Unit Start List and Results

### 2.2.3.1 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.

### 2.2.3.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC @Competition	Unique ID for competition
DocumentCode	Full RSC	The DocumentCode will be sent according to the header values, one message per race.
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.). START_LIST LIVE (used when the unit starts and after every update (intermediates etc.)) INTERMEDIATE (used after each pair during the unit in ind. Non-mass start) OFFICIAL UNOFFICIAL 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) 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.

### 2.2.3.3 Trigger and Frequency

This message is sent:

- As soon as the start list is available and any changes [inc. IRMs] (START\_LIST)
- In the case of Team Pursuit/**Sprint** & Mass Start
  - When the unit starts and after every update (intermediates etc.) (LIVE)
- In the case of individual (except mass start) events and Team Pursuit quarterfinals
  - When the unit starts and during each pair for each update with splits (LIVE)
  - After each pair during the unit (INTERMEDIATE)
- After the race is finished (UNCONFIRMED / UNOFFICIAL / OFFICIAL) as applicable.
- After any change

Management of Reskate in individual events (not Mass Start) and Team Pursuit quarterfinals:

- In the case of a reskate a new "competitor" is added to the message with the competitor code "RS+competitor ID" for example RS1234567. Code "RS+competitor ID" should be send in the Competitor element.
- The new "pair", if a new pair is needed will use "a" after the order for example if after pair 10 then 10a. (startorder attribute).
- If a Reskate is needed on another pair then letter "a" will be used, for example if Reskate is decided on pair 12 then the new "pair" is 12a.
- After the reskate this competitor is removed, and the original time updated if applicable.

Management of Reskate in Team Pursuit semifinals and finals:

- In the case of a reskate the unit is set to its initial state and DT\_RESULT(START\_LIST) without any result is sent.
- Then the unit is run normally again.

## 2.2.3.4 Message Values

Element: ExtendedInfos /UnitDateTime (0,1)					
Attribute		M/O	Value	Description	
StartDate		O	DateTime	Actual start date-time. Do not include until unit starts.	
Element: ExtendedInfos /ExtendedInfo (0,N)					
Type		Code	Pos	Description	
UI	STARTERS		N/A	Element Expected: Always if the status is not START_LIST	
	Attribute	M/O	Value	Description	
	Value	O	Numeric ##0	Sent the number of competitors on the start list	
	Sub Element: ExtendedInfos /ExtendedInfo /Extension Expected: Always if the status is not START_LIST				
	Attribute	Value	Description		
	Code	COMPLETE			
	Pos	N/A			
	Value	Numeric ##0	Send the number of competitors whose event unit is completed (includes IRMs)		
	UI	LEADER		N/A	Element Expected: When known in individual events (not mass start)
Attribute		M/O	Value	Description	
UI	Value	O	S(20) with no leading zeroes	Sent the ID of the leading competitor.	
	BREAK_PAIR		Numeric #0	Pos Description: The order number of the 'Ice preparation' event, 1..	
				Element Expected: When known in individual events (not mass start)	
UI	Attribute	M/O	Value	Description	
	Value	O	S(3)	The number of the last pair before the ice preparation's break.	
	DISPLAY		LAST_COMP	Numeric 0	Pos Description: Send a unique number for each competitor In individual events send one for Inner lane, 2 for outer lane. In team and mass start send 1.. for each participant modified in the message.
				Element Expected: When available and only when the unit is LIVE, UNOFFICIAL or INTERMEDIATE.	
		Attribute	M/O	Value	Description
		Value	O	S(20) without leading zeroes	Sent the competitor ID of the last competitor(s) to compete and receive result data.

<ExtendedInfos>

```
<UnitDateTime StartDate="2012-08-07T11:01:00+01:00" />
<ExtendedInfo Type="UI" Code="LEADER" Value="123456" />
<ExtendedInfo Type="UI" Code="BREAK_PAIR" Pos="1" Value="4" />
<ExtendedInfo Type="UI" Code="BREAK_PAIR" Pos="2" Value="8" />
<ExtendedInfo Type="UI" Code="STARTERS" Value="27" />
  <Extension Code="COMPLETE" Value="9" />
</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
UnitNum	O	S(3)	Race number. In the case of Team Pursuit this is: - SF1 and SF2 in semifinals - FA, FB, FC, FD in finals

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
Attendance	O	#####0	Total attendance (do not send if unknown)

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	O	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
<b>Element: Result (1,N)</b> For each Event Unit Results message, there must be at least one competitor with a result element in the event unit.			
Attribute	M/O	Value	Description
Rank	O	String	Rank of the competitor in the event unit.
RankEqual	O	S(1)	Identifies if the rank has been equaled (Y). Only send if applicable
Result	O	m:ss.fff or Numeric #0	Time for the competitor except in mass start. Do not send leading zeros. Decimals vary according to sport rules. In mass start send the points.
Unchecked	O	S(1)	Send "Y" if this result needs to be validated else do not send.
IRM	O	SC @IRM	The invalid result mark, if applicable
QualificationMark	O	SC @QualificationMark	Send just in the case the competitor has qualified.
SortOrder	M	Numeric #0	This attribute is a sequential number with the order of the results for the 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. Updated during the race with the current order.
StartOrder	O	S(3)	- For individual events and Team Pursuit Quarterfinals: Pair number in the start list. There will be two competitors with the same number. - For Team Pursuit Semifinals and Finals: Use 1 for 'Finishing straight' and 2 for 'Crossing straight' - Update if reskate is required in Team Pursuit. - For mass start simply the start order.
StartSortOrder	M	Numeric #0	Unique number for sorting. To sort out competitors from its @StartOrder attribute, however - For individual events: placing first the inner lane skater, and afterwards the outer lane skater - For team events: Order by pair and then the finishing straight starting team, and afterwards the crossing straight starting team - For mass start: Same as StartOrder
ResultType	O	SC @ResultType	Type of the @Result attribute.
Diff	O	+ m:ss.fff or 0.0	Time behind the leader. Send 0.00 for the leader.

Element: Result /ExtendedResults /ExtendedResult (1,N)				
Type	Code	Pos	Description	
PROGRESS	INTERMEDIATE	S(2)	Pos Description: Intermediate point where the intermediate time is recorded (1, 2...F).  Element Expected: When data is available	
	<b>Attribute</b>	<b>M/O</b>	<b>Value</b>	<b>Description</b>
	Value	O	m:ss.ff	Cumulative time at the intermediate point in the current race. Do not send minutes if zero.
	Value2	O	s.ff	Time for the section ending at the intermediate point @Pos.
	Rank	O	S(2)	Send the rank of the competitor at the intermediate point.
	RankEqual	O	Y	Send Y where Rank at this specific ExtendResult is equalled else not sent.
	Diff	O	[-+]m:ss.ff	Send the time behind the leader in the unit at the split. Negative if faster than leader or + for slower than leader. Do not send leading zeros.
<b>Sub Element: Result /ExtendedResults /ExtendedResult /Extension</b> <b>Expected: In individual events except mass start and in Team Pursuit if more than one pair in the unit (Quarterfinals).</b>				
	<b>Attribute</b>	<b>Value</b>	<b>Description</b>	
	Code	PAIR_DIFF		
	Pos	N/A		
	Value	+s.ff	Send time behind the leader in the pair. Do not send for leader.	
PROGRESS	SPRINT	S(2)	Pos Description: Sprint point name (S1, S2, S3, F)  Element Expected: If sprint points awarded for the competitor (in Mass Start)	
	<b>Attribute</b>	<b>M/O</b>	<b>Value</b>	<b>Description</b>
	Value	O	Numeric #0	The sprint points awarded at this @Pos
ER	RE_RUN	N/A	Element Expected: If applicable. Send as soon as known.	
	<b>Attribute</b>	<b>M/O</b>	<b>Value</b>	<b>Description</b>
	Value	O	S(1)	Send "Y" if the competitor is awarded a reskate.
<b>Sub Element: Result /ExtendedResults /ExtendedResult /Extension</b> <b>Expected: If the athlete has a reskate in the future.</b>				
	<b>Attribute</b>	<b>Value</b>	<b>Description</b>	
	Code	PAIR		
	Pos	N/A		
	Value	S(3)	Send the pair number of the reskate. For example, if the reskate is after pair 10 then send 10a. Remove after reskate is complete.	

Element: Result /ExtendedResults /ExtendedResult (1,N)				
Type	Code	Pos	Description	
ER	PHOTO	N/A	Element Expected: If applicable	
	<b>Attribute</b>	<b>M/O</b>	<b>Value</b>	<b>Description</b>
	Value	O	S(1)	To know if the competitor's final result was decided by photo. Send Y for Evaluated, P for Pending 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	TIME	N/A	Element Expected: Send in Mass Start for competitors with same points or without points or for competitors who have earned points at intermediate sprints but did not complete all laps the race (LAPPED) and in other events if the competitor time is evaluated to 3 decimals to break a tie	
	<b>Attribute</b>	<b>M/O</b>	<b>Value</b>	<b>Description</b>
	Value	O	m:ss.ff or m:ss.fff	Race time. Mass Start: two decimals if total time is different or three decimals if total time with two decimals is the same, all other Events three decimals. Only send if applicable.
ER	LAPS	N/A	Element Expected: Mass start only	
	<b>Attribute</b>	<b>M/O</b>	<b>Value</b>	<b>Description</b>
	Value	O	Numeric #2	Send the number of laps completed.
ER	SPEED	N/A	Element Expected: When the competitor has completed the unit.	
	<b>Attribute</b>	<b>M/O</b>	<b>Value</b>	<b>Description</b>
	Value	O	Numeric #0.0	Average speed in km/h
Element: Result /RecordIndicators /RecordIndicator (1,N)				
Attribute	M/O	Value	Description	
Order	M	Numeric	The hierarchy (priority) for types of record from 1 to n. (Can use the Order column from CC @RecordType for reference for the order, not value).	
Code	M	CC @RecordCode	Code which describes the record broken by the result value.	
RecordType	M	CC @RecordType	Code which specifies the level at which the record is broken.	
Equalled	O	S(1)	Send "Y" in the case that the record has been equalled else do not send.	

**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)  Send "RS+competitor ID" for those competitors with a reskate. (individual and Team Pursuit Quarterfinals only)
Type	M	S(1)	A for athlete, T for Team
Organisation	O	CC @Organisation	Competitor's organisation

**Element: Result /Competitor /Description (0,1)**

Used in Team events only

Attribute	M/O	Value	Description
TeamName	M	S(73)	Name of the team

**Element: Result /Competitor /EventUnitEntry (0,N)**

For team event information

Type	Code	Pos	Description
EUE	COLOUR	N/A	Element Expected: When available in team events
	<b>Attribute</b>	<b>M/O</b>	<b>Value</b>
	Value	O	S(1) R - For the team wearing red armbands W - For the team wearing white armbands
EUE	LANE	N/A	Element Expected: Team Pursuit
	<b>Attribute</b>	<b>M/O</b>	<b>Value</b>
	Value	O	S(1) C - For Crossing Straight F - For Finishing Straight

**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 or in the case of Team Pursuit the arm band number or in Mass Start the helmet 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 athlete entry information.

Type	Code	Pos	Description
EUE	LANE	N/A	Element Expected: Individual (not mass start) events.
	Attribute	M/O	Value
	Value	M	S(1)
			For @Value: I - For Inner lane skater O - For outer lane skater



**Sample (individual, not mass start)**

```
<Result SortOrder="1" Rank="1" ResultType="TIME" Result="34.59" Diff="0.00" StartOrder="4" StartSortOrder="6">
  <ExtendedResults>
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="1" Value="9.59" Value2="9.59" Diff="+0.06" Rank="4"
SortOrder="4" />
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="F" Value="34.59" Value2="25.00" Diff="0.00" Rank="1"
SortOrder="1" />
  </ExtendedResults>
  <Competitor Type="A" Code="2039779" Organisation="GER" >
    <Composition>
      <Athlete Code="2039779" Bib="81" Order="1">
        <Description GivenName="John" FamilyName="Smith" Gender="M" Organisation="GER" BirthDate="1994-12-15" />
        <EventUnitEntry Type="ENTRY" Code="LANE" Value="O" />
      </Athlete>
    </Composition>
  </Competitor>
</Result>
<Result SortOrder="2" Rank="2" ResultType="TIME" Result="34.63" Diff="+0.04" StartOrder="5" StartSortOrder="8">
  <ExtendedResults>
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="1" Value="9.58" Diff="+0.05" Rank="3" SortOrder="3" />
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="F" Value="34.63" Diff="+0.04" Rank="2" SortOrder="2" />
    <ExtendedResult Type="PROGRESS" Code="SECTION" Pos="1" Value="9.58" />
    <ExtendedResult Type="PROGRESS" Code="SECTION" Pos="F" Value="25.05" />
  </ExtendedResults>
  <Competitor Type="A" Code="2039710" Organisation="NED" >
    <Composition>
      <Athlete Code="2039710" Bib="63" Order="1">
        <Description GivenName="John" FamilyName="Brown" Gender="M" Organisation="NED" BirthDate="1994-11-15" />
        <EventUnitEntry Type="ENTRY" Code="LANE" Value="I" />
      </Athlete>
    </Composition>
  </Competitor>
</Result>
```

### 2.2.3.5 Message Sort

Sort by Result @SortOrder

## 2.2.4 Current Information

### 2.2.4.1 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.

### 2.2.4.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC @Competition	Unique ID for competition
DocumentCode	Full RSC	Sent according to the ODF Common Codes document (header values). The message is only used in individual events (except mass start) with a message for each pair.
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	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.

### 2.2.4.3 Trigger and Frequency

This message is sent:

- At any time a competitor/pair starts. (This/these athlete(s) will be considered current) and there will be a new "next" (unless the current is the last pair).
- Immediately after every addition/change in data during the race.
- Immediately after each competitor completes the race and the data is available. (must be sent so a new leader can receive a negative time relative to current leader).

Each message will only include the athletes currently racing and the one to follow ("Next"); this is not more than four competitors. Next is to inform end users who is next.

Management of Reskate in individual events (not Mass Start) and Team Pursuit quarterfinals:

- In the case of a reskate a new "competitor" is used with the competitor code "RS+competitor ID" for example RS1234567. However the athlete maintains the original ID.
- The new "pair", if a new pair is needed will use "a" after the order for example is after pair 10 then 10a. (startorder attribute).

Management of Reskate in Team Pursuit semifinals and finals (FYI):

- In the case of a reskate the unit is set to its initial state and DT\_RESULT(START\_LIST) without any result is sent.
- Then the unit is run normally again.

### 2.2.4.4 Message Values

Element: ExtendedInfos /ExtendedInfo (1,N)				
Type		Code	Pos	Description
DISPLAY		CURRENT	N/A	Element Expected: When available
	Attribute	M/O	Value	Description
	Value	M	S(3)	Send the pair number (StartOrder) of the current pair.
DISPLAY		NEXT	N/A	Element Expected: When available
	Attribute	M/O	Value	Description
	Value	M	S(3)	Send the pair number (StartOrder) of the next pair to start.
DISPLAY		STARTED	N/A	Element Expected: Send only once for each pair (assuming no false start).
	Attribute	M/O	Value	Description
	Value	M	S(20) without leading zeroes	Send the pair number (StartOrder) of the pair most recently started.

Element: ExtendedInfos /ExtendedInfo (1,N)				
Type	Code	Pos	Description	
DISPLAY	LAST_COMP	Numeric 0	Pos Description: Used to identify the lane of the competitor. Send 1 for the 'Inner lane' and 2 for the 'Outer lane'  Element Expected: After each athlete passes an intermediate point.	
Attribute	M/O	Value	Description	
Value	M	S(20) without leading zeroes	Last intermediate point reached by the competitor (0,1,2,3,..F). For the DNF athlete, the last point is considered the split where s/he fell.	

### Sample

```

...
<ExtendedInfos>
  <ExtendedInfo Type="DISPLAY" Code="CURRENT" Value="6" />
  <ExtendedInfo Type="DISPLAY" Code="NEXT" Value="7" />
  <ExtendedInfo Type="DISPLAY" Code="LAST_COMP" Pos="1" Value="3" />
  <ExtendedInfo Type="DISPLAY" Code="LAST_COMP" Pos="2" Value="3" />
</ExtendedInfos>
...

```

Element: Result (0,N)			
Attribute	M/O	Value	Description
Rank	O	String	Rank of the competitor in the event unit
RankEqual	O	S(1)	Identifies if a rank has been equalled. Send Y if applicable
Result	O	m:ss.fff	Time for the competitor. Do not send leading zeros. Decimals vary according to sport rules.
IRM	O	SC @IRM	The invalid result mark, if applicable
SortOrder	M	Numeric 0	Order by StartSortOrder for the competitors in the file (1, 2, 3..).
StartOrder	O	S(3)	Pair number in the start list. There will be two competitors with the same number.
StartSortOrder	M	Numeric 0	Unique number for sorting. To sort out competitors from its @StartOrder attribute however placing first the inner lane skater, and afterwards the outer lane skater
ResultType	O	SC @ResultType	Type of the @Result attribute.
Diff	O	[-+]m:ss.ff	Time behind the leader. Send 0.00 for the leader. Can be negative if faster than current leader or + if slower than the leader. Do not send leading zeros.

Element: Result /ExtendedResults /ExtendedResult (1,N)			
Type	Code	Pos	Description
PROGRESS	INTERMEDIATE	S(2)	Pos Description: Intermediate point where the intermediate time is recorded (1, 2...F).  Element Expected: When data is available.
	<b>Attribute</b>	<b>M/O</b>	<b>Value</b>
	Value	M	m:ss.ff
	Value2	O	s.ff
	Rank	O	S(2)
	RankEqual	O	S(1)
	Diff	O	[-+]m:ss.ff
	Sub Element: Result /ExtendedResults /ExtendedResult /Extension Expected: In individual events except mass start.		
	<b>Attribute</b>	<b>Value</b>	<b>Description</b>
	Code	PAIR_DIFF	

	Pos	N/A		
	Value	+s.ff	Send time behind the leader in the pair. Do not send for leader.	
ER		RE_RUN	N/A	Element Expected: If applicable. Send as soon as known.
	<b>Attribute</b>	<b>M/O</b>	<b>Value</b>	<b>Description</b>
	Value	O	S(1)	Send "Y" if the competitor received a reskate.
ER		PHOTO	N/A	Element Expected: If applicable
	<b>Attribute</b>	<b>M/O</b>	<b>Value</b>	<b>Description</b>
	Value	O	S(1)	To know if the competitor's final result was decided by photo. Send Y for Evaluated, P for Pending 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		TIME	N/A	Element Expected: Send if the competitor time is evaluated to 3 decimals to split tie
	<b>Attribute</b>	<b>M/O</b>	<b>Value</b>	<b>Description</b>
	Value	O	m:ss.ff	Race time (two decimals). Only send if applicable.

**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.  Send "RS+competitor ID" for those competitors with a reskate. (individual and Team Pursuit quarterfinals)
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	Athletes ID. Can belong to a team member or an individual athlete.
Order	M	Numeric	1 if Competitor @Type="A".
Bib	O	S(5)	Bib number

### Sample

```
...
<Result SortOrder="2" Rank="2" ResultType="TIME" Result="34.63" Diff="+0.04" StartOrder="6" StartSortOrder="8">
  <ExtendedResults>
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="1" Value="9.58" Value2="9.58" Diff="+0.05"
Rank="3" SortOrder="3" />
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="F" Value="34.63" Value2="25.05" Diff="+0.04"
Rank="2" SortOrder="2" />
  </ExtendedResults>
  <Competitor Type="A" Code="2039710" Organisation="NED" >
    <Composition>
      <Athlete Code="2039710" Bib="63" Order="1" />
    </Composition>
  </Competitor>
</Result>
...
```

### 2.2.4.5 Message Sort

Sort by 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.

### 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 /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 way 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	Order attribute used to sort team members in a team. Before the competition this will be the same as the StartSortOrder and is used as the primary sort.  During competition any sort order change from the initial start list order for any competitor will be provided in this attribute.
Bib	O	S(5)	Bib

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 particular 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. Only applies in Team Events.
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

- Before the competition.
- After every match in the preliminaries which determines a position in the bracket.
- After every match during final phases.
- Trigger after any change

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, do not trigger with a change of status of the unit unless the bracket data changes.

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

- Send with ResultStatus = "START\_LIST" if no units are complete
- Send with ResultStatus = "INTERMEDIATE" until the last event unit (Gold Medal Match) 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: 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: 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 ...).
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)
WLT	O	S(1)	W or L, indicates the winner or loser of the bracket item. Always send when known
Result	O	m:ss:fff	The team time or IRM if applicable. Decimals vary on sport rules
Rank	O	Numeric 0	Rank in the quarterfinal phase. Only send for quarterfinal.
IRM	O	SC @IRM	The invalid rank mark, if applicable
StrikeOut	O	S(1)	The competitor should be struck out in the bracket item, usually only used for DQB.
StartOrder	O	S(1)	Send C or F denoting starting in Crossing or Finishing straight.

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 code of the previous event unit for the CompetitorPlace@Pos competitor of the bracket item. Must send if a winner/loser from a single unit.

**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)	T for team
Organisation	O	CC @Organisation	Competitors' organisation if known

**Element: Bracket /BracketItems /BracketItem /CompetitorPlace /Competitor /Description (0,1)**

Attribute	M/O	Value	Description
TeamName	M	S(73)	Name of the team.

**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	Arm band of the athlete, also used to sort the athletes.

**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

```
<Bracket Code="FNL">
  <BracketItems Code="SFL">
    <BracketItem Code="5" Order="1" Date="2014-02-22" Time="15:22" Position="1" Unit="SSKMTEAMPU-----SFNL0001---" >
      <CompetitorPlace Pos="1" WLT="W" Result="3:08.48" StartOrder="C" >
        <PreviousUnit Unit="SSKMTEAMPU-----QFNL0003----" />
        <Competitor Type="T" Code="SSKMTEAMPU--CAN01" Organisation="CAN">
          <Composition>
            <Athlete Code="2013323" Order="1" >
              <Description GivenName="Jay" FamilyName="Smith" Gender="M" Organisation="CAN" BirthDate="1994-12-15" />
            </Athlete>
            <Athlete Code="2013339" Order="2" >
              <Description GivenName="Jim" FamilyName="Brown" Gender="M" Organisation="CAN" BirthDate="1993-12-15" />
            </Athlete>
            <Athlete Code="2013344" Order="4" >
              <Description GivenName="Jim" FamilyName="Green" Gender="M" Organisation="CAN" BirthDate="1992-12-15" />
            </Athlete>
          </Composition>
        </Competitor>
      </CompetitorPlace>
      <CompetitorPlace Pos="2" WLT="L" Result="3:09.33" StartOrder="F" >
        <PreviousUnit Unit="SSKMTEAMPU-----QFNL0004----" />
        <Competitor Type="T" Code="SSKMTEAMPU--KOR01" Organisation="KOR">
          <Composition>
            <Athlete Code="2031624" Order="2" >
              <Description GivenName="Jim" FamilyName="Lee" Gender="M" Organisation="GER" BirthDate="1994-12-15" />
            </Athlete>
            <Athlete Code="2031626" Order="3" >
              <Description GivenName="Jim" FamilyName="Kwan" Gender="M" Organisation="GER" BirthDate="1993-12-15" />
            </Athlete>
            <Athlete Code="2031721" Order="4" >
              <Description GivenName="Jim" FamilyName="Ko" Gender="M" Organisation="GER" BirthDate="1992-12-15" />
            </Athlete>
          </Composition>
        </Competitor>
      </CompetitorPlace>
    </BracketItem>
  </BracketItems>
</Bracket>
```

### 2.2.6.5 Message Values

Bracket @Code then BracketItems @Code then BracketItems /BracketItem /Unit @Phase and then BracketItem /Unit @Unit are sorted according to their scheduled start time.

## 2.2.7 Records

### 2.2.7.1 Description

The message contains the list of all records from the start of the Games (events depending on header).

Special Situations - Not Established Records:

There are some situations where there are no records for a particular event. This can happen, for example, when the sport rules change (different weights or distances) or new events are introduced.

If this occurs then the NotEstablished flag is used to indicate this situation.

If a record is established for this event in the current competition then the NotEstablished flag and description will not be sent when a new record is established.

### 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 (Discipline Level)	RSC of the discipline
DocumentSubcode	CC @RecordCode	If the message is sent as a result of a record being modified (broken, equalled or re-instated) then this attribute will be included and is the Record Event for the modification.
DocumentType	DT_RECORD	Records message
DocumentSubtype	FULL, PARTIAL	Send "FULL" if all records included. Send "PARTIAL" if only one record code is included.
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.



### 2.2.7.3 Trigger and Frequency

The DT\_RECORD (without DocumentSubcode) message is sent as a full message (all records in a discipline) prior to the competition. Any new version of the DT\_RECORD message should replace all previous record information, either for the RecordCode specified in DocumentSubcode or all if no DocumentSubcode is specified.

After competition start it will be triggered with each new record set or equalled.

### 2.2.7.4 Message Values

Element: ExtendedInfos /SportDescription (0,1)			
Attribute	M/O	Value	Description
DisciplineName	M	S(40)	Discipline name (not code) from Common Codes

Element: Record (1,N)			
Attribute	M/O	Value	Description
Code	M	CC @RecordCode	Record code. Send all record codes in the bulk message else this must match the DocumentSubcode, that is, only one per message.

Element: Record /Description (1,1)			
Attribute	M/O	Value	Description
Name	M	S(40)	Record description (not code) from Common Codes

Element: Record /RecordType (1,N)			
It is possible to have more than one element with the same type (as in the case of National Records).			
Attribute	M/O	Value	Description
Order	M	Numeric #0	The hierarchy (priority) for types of record from 1 to n. (Can use the Order column from CC @RecordType to assist in case several records are broken, from high priority to low priority but must still use 1 to n).
RecordType	M	CC @RecordType	Record type.
Shared	M	S(1)	Y-There is more than one competitor sharing the record N-There is just one competitor holding the record
NotEstablished	O	S(1)	Send "Y" in the case there is no record in this category else do not send.
NotEstablishedLabel	O	S(25)	The description to be used in the case that NotEstablished="Y".

**Element: Record /RecordType /RecordData (0,N)**

**RecordData is not sent for NotEstablished Records unless a "standard" applies**

Attribute	M/O	Value	Description
Order	M	Numeric #0	In the case that a record (RecordType) is provided several times in the message, then Order is the chronological order for the records (1,N). 1 will be usually the historical record and for each record broken during the competition a new order value will be provided. Usually first time the record is broken will have Order="2", second time Order="3" etc. Send 1 for records (RecordType) not shared (historical records)
ResultType	M	SC @ResultType	TIME", indicating that the result type for the record is a time.
Result	M	m:ss.ff	Send always unless the record is not established. (though can be sent if a standard applies) The performance of the competitor for the record.
Unit	O	CC @Unit	The full RSC of the unit in the current competition where the record was broken. Send always (Mandatory) in the case Historical="N".
Country	O	CC @Country	Send always unless the record is not established. Country code where the record was broken
Place	O	S(40)	Send always (when known) unless the record is not established. Place (town or city) where the record was broken (example: "Salt Lake City").
Date	O	YYYY-MM-DD	Send always unless the record is not established. Date when the record was broken (for the current competition, the date will be assumed to be the date scheduled for the @Unit attribute)
Time	O	Time	Time the record was set. Send always (Mandatory) in the case of Historical="N".
Equalled	O	S(1)	Send "Y" if the existing record is equalled. Do not send if the record is not equalled.
Unconfirmed	O	S(1)	Send only in the case that Historical="Y" and if it is required in the specific discipline, since some historical records / record types may not be confirmed. Send "Y" if the record is Unconfirmed else do not send. The normal situation is do not send.
Competition	O	S(40)	Send the text of the competition name where the record was broken (example: "2013 World Championships", "2012 Olympic Games", etc.).
Historical	M	S(1)	Send "Y" if the record for competitor was not achieved during the current competition. Send "N" if the record for the competitor was achieved during the current competition.
Current	O	S(1)	Send "Y" in the case that this is the current record else do not send (may be multiple in the case of a shared record).

**Element: Record /RecordType /RecordData (0,N)**

**RecordData is not sent for NotEstablished Records unless a "standard" applies**

Attribute	M/O	Value	Description
ModificationIndicator	O	S(1)	The possible values are: "N" = New broken record (not provided in a previous message) "R" = This record is re-instated/re-established as the current record in this message (following an invalidation or similar). Do not send this attribute for other records included in the message (not broken or not re-instated)

**Element: Record /RecordType /RecordData /Extension (0,N)**

Type	Code	Pos	Description
ER	INTERMEDIATE	S(2)	Pos Description: Sequential number from 1.. for each intermediate point in the record, to indicate its number (DT_CONFIG). It can be one or more (depending on the distance of the event unit).  Element Expected: When available for each intermediate
ER	<b>Attribute</b>	<b>M/O</b>	<b>Value</b>
	Value	M	m:ss.fff
	<b>Description</b>	Split time in the record. Do not send leading zeros. Number of decimals varies by sport rules.	
	SECTION	S(2)	Pos Description: Intermediate point at the end of the section where section time is taken (1, 2... F). For example 1 is the section from the start to 1 and F is the last intermediate to the finish.  Element Expected: When available
	<b>Attribute</b>	<b>M/O</b>	<b>Value</b>
	Value	M	s.fff
			Time for the section ending at the intermediate point @Pos. Number of decimals varies by sport rules.

**Element: Record /RecordType /RecordData /Competitor (0,1)**

**Competitor to whom the record is assigned.**

**Athlete's or team's information should be in DT\_PARTIC (Historic) if Competitor @Type="A" or DT\_PARTIC\_TEAMS (Historic) if Competitor @Type="T".**

Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Competitor's ID
Type	M	S(1)	"T" for team "A" for athlete
Organisation	O	CC @Organisation	Competitors' organisation if known

**Element: Record /RecordType /RecordData /Competitor /Description (0,1)**

**Competitors extended information.**

Attribute	M/O	Value	Description
TeamName	M	S(73)	Name of the team. Only applies for teams.
IFId	O	S(16)	Team IF number, send if available.

**Element: Record /RecordType /RecordData /Competitor /Composition /Athlete (1,N)**

Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Athlete's ID, corresponding to either a team member or an individual athlete
Order	M	Numeric #0	Order attribute used to sort team members in a team if Competitor @Type="T" or 1 if Competitor @Type="A".

**Element: Record /RecordType /RecordData /Competitor /Composition /Athlete /Description (0,1)**

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 (Records)**

```
<Record Code="SSKM1000M-----">
  <RecordType Order="1" Code="WR" Shared="N">
    <RecordData Order="1" ResultType="TIME" Result="1:07.18" Country="USA" Place="Salt Lake City, UT" Date="2002-02-16"
    Competition="Olympic Games" Historical="Y" Current="Y" >
      <Extension Type="ER" Pos="1" Code="INTERMEDIATE" Value="16.33"/>
      <Extension Type="ER" Pos="2" Code="INTERMEDIATE" Value="41.00"/>
      <Extension Type="ER" Pos="F" Code="INTERMEDIATE" Value="1:07.18"/>
      <Extension Type="ER" Pos="1" Code="SECTION" Value="16.33"/>
      <Extension Type="ER" Pos="2" Code="SECTION" Value="24.67"/>
      <Extension Type="ER" Pos="F" Code="SECTION" Value="26.18"/>
      <Competitor Code="1098720" Type="A" Organisation="NZL" >
        <Composition>
          <Athlete Code="1098720" Order="1">
            <Description FamilyName="John" GivenName="Smith" Gender="M" Organisation="NZL" BirthDate="1983-12-15" />
          </Athlete>
        </Composition>
      </Competitor>
    </RecordData>
  </RecordType>
```



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### **2.2.7.5 Message Sort**

The following order applies:

- Record @Code
- RecordType @Order
- RecordData @Order

## 2.2.8 Event Final Ranking

### 2.2.8.1 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).

### 2.2.8.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC @Competition	Unique ID for competition
DocumentCode	Full RSC 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	<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

This message is only triggered after a unit which affects the final ranking is official and that particular 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.

### 2.2.8.4 Message Values

#### 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	String	Final rank of the competitor in the corresponding event. This attribute is optional because the competitor could get an empty rank in the case of a red card, for example.
RankEqual	O	S(1)	Identifies if a rank has been equalled. Send Y if applicable
ResultType	O	SC @ResultType	Result type, for the corresponding event, mandatory if Result or IRM is included.
Result	O	m:ss.fff or Numeric #0	Time or points for the competitor. In teams, send the time in the final phase. Do not send leading zeros. Decimals vary according to sport rules. In mass start send the points.
IRM	O	SC @IRM	The invalid result mark, if applicable.
SortOrder	M	Numeric	This attribute is a sequential number with the order of the results for the particular 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	TIME	N/A	Element Expected: When available in mass start only.
Attribute	M/O	Value	Description
Value	M	m:ss.ff	Time for the competitor

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".

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 (Individual)

```
<Result Rank="3" SortOrder="3" ResultType="TIME" Result="69.46">
  <Competitor Type="A" Code="2039711" Organisation="GER" >
    <Composition>
      <Athlete Code="2039711" Order="1" >
        <Description GivenName="John" FamilyName="Smith" Gender="M" Organisation="GER" BirthDate="1994-12-15" />
      </Athlete>
    </Composition>
  </Competitor>
</Result>
...
```

#### Sample (Mass Start)

```
...
<Result Rank="3" SortOrder="3" ResultType="POINTS" Result="20">
  <ExtendedResults>
    <ExtendedResult Type="ER" Code="TIME" Value="7:30.83" >
  </ExtendedResults>
  <Competitor Type="A" Code="2039711" Organisation="GER" >
    <Composition>
      <Athlete Code="2039711" Order="1" >
        <Description GivenName="John" FamilyName="Smith" Gender="M" Organisation="GER" BirthDate="1994-12-15" />
      </Athlete>
    </Composition>
  </Competitor>
</Result>
...
```

### 2.2.8.5 Message Sort

Sort by Result @SortOrder

## 2.2.9 Weather

### 2.2.9.1 Description

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

### 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	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.

### 2.2.9.3 Trigger and Frequency

The message is sent

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

## 2.2.9.4 Message Values

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	GEN for general only
Humidity	O	Numeric ##0	Humidity in %

Element: Weather /Conditions /Condition (0,3)			
Attribute	M/O	Value	Description
Code	M	S(3)	Weather condition type, send ICE only
Value	M	CC @SnowConditions	Use CC @SnowConditions for ICE

Element: Weather /Conditions /Pressure (0,N)			
Attribute	M/O	Value	Description
Unit	M	S(3)	Send "hPa", Metric system unit for Pressure
Value	M	Numeric ###0	Air pressure

Element: Weather /Conditions /Temperature (0,N) If data available			
Attribute	M/O	Value	Description
Code	M	S(4)	Temperature type, send AIR, ICE
Unit	M	SC @TemperatureUnit	Metric system unit for temperature
Value	M	Numeric -##0.0 or ##0.0	Temperature of the @Code. Negative is applicable

### Sample

```
<Weather Date="2006-02-06T13:00:00+01:00" >
  <Conditions Code="GEN" Humidity="31" >
    <Condition Code="ICE" Value="nor" />
    <Pressure Unit="hPa" Value="1005" />
    <Temperature Code="AIR" Unit="C" Value="15.3" />
    <Temperature Code="ICE" Unit="C" Value="-5.8" />
  </Conditions>
</Weather>
```

## 2.2.9.5 Message Sort

There is no special sort order requirement for this message.

## 2.2.10 Configuration

### 2.2.10.1 Description

The Configuration is a message containing general configuration.

Send before the competition for each event in separate message in speed skating.

### 2.2.10.2 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 event with the event level RSC.
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.

### 2.2.10.3 Trigger and Frequency

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

Trigger also after any change, but considering that, if possible, the configuration for each event 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.

## 2.2.10.4 Message Values

Element: Configs /Config (1,N)			
Attribute	M/O	Value	Description
Unit	M	CC @Event	Full RSC (34) at event level
Element: Configs /Config /ExtendedConfig (1,N)			
Type	Code	Pos	Description
EC	INTERMEDIATE	S(2)	Pos Description: Send the value that identifies the intermediate point, 1 to n for intermediates along the course and F for the finish point. Do not consider start.  Element Expected: Always
	Attribute	M/O	Value
	Value	M	S(10)
	Sub Element: Configs /Config /ExtendedConfig /ExtendedConfigItem Expected: Mass Start events only		
	Attribute	Value	Description
	Code	SPRINT	
	Pos	N/A	
	Value	S(2)	Send the sprint name if there is a sprint at this intermediate: S1, S2, S3, F
	EC	INTERMEDIATES_NUM	N/A
	Attribute	M/O	Value
	Value	M	Numeric #0
EC	LAPS	N/A	Element Expected: In mass start
	Attribute	M/O	Value
	Value	M	Numeric #0

**Sample (1500m) - similar for 500m or Team Sprint**

```
<Configs>
  <Config Unit="SSKM1500M-----">
    <ExtendedConfig Type="EC" Code="INTERMEDIATES_NUM" Value="4" />
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="1" Value="300" />
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="2" Value="700" />
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="3" Value="1100" />
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="F" Value="1500" />
  </Config>
```

### Sample (Pursuit)

```
<Configs>
  <Config Unit="SSKMTEAMPU-----">
    <ExtendedConfig Type="EC" Code="INTERMEDIATES_NUM" Value="12" />
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="1" Value="Split 1" />
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="2" Value="Split 2" />
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="3" Value="Split 3" />
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="4" Value="Split 4" />
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="5" Value="Split 5" />
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="6" Value="Split 6" />
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="7" Value="Split 7" />
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="8" Value="Split 8" />
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="9" Value="Split 9" />
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="10" Value="Split 10" />
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="11" Value="Split 11" />
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="F" Value="Split 12" />
  </Config>
</Configs>
```

### Sample (Mass Start)

```
<Configs>
  <Config Unit="SSKMMS-----">
    <ExtendedConfig Type="EC" Code="LAPS" Value="16" />
    <ExtendedConfig Type="EC" Code="INTERMEDIATES_NUM" Value="16" />
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="1" Value="Split 1" />
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="2" Value="Split 2" />
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="3" Value="Split 3" >
      <ExtendedConfigItem Code="SPRINT" Value="S1" />
    </ExtendedConfig>
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="4" Value="Split 4" />
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="5" Value="Split 5" />
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="6" Value="Split 6" />
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="7" Value="Split 7" >
      <ExtendedConfigItem Code="SPRINT" Value="S2" />
    </ExtendedConfig>
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="8" Value="Split 8" />
    ...
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="F" Value="Split 16" >
      <ExtendedConfigItem Code="SPRINT" Value="S4" />
    </ExtendedConfig>
  </Config>
</Configs>
```

### Message Sort

There is no message sorting rule.

### 3 Document Control

Version history		
Version	Date	Comments
V0.1		First version
V0.2	16 Aug 2019	Modifications for Lausanne2020
V0.3	06 Sept 2019	Update of a number of messages, add table of contents

**File Reference: ODF-WYOG-2020-SSK V0.3 SFR**

Change Log		
Version	Status	Changes on version
V0.1	SFR	First version
V0.2	SFR	Modifications for Lausanne2020
V0.3	SFR	DT_PARTIC - Element: Participant; Attribute: Olympic Solidarity DT_PARTIC_TEAMS - Element: Team; Attribute: Name DT_PARTIC_TEAMS - Element: Team; Attribute: TVTeamName