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WOG-2022-BOB-LUG-SKN-1.5 APP

Olympic Data Feed



Bobsleigh, Luge, Skeleton ODF Data Dictionary

Technology and Information Department
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WOG-2022-BOB-LUG-SKN-1.5 APP
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Table of Contents

1 Introduction.....	5
1.1 This document.....	5
1.2 Objective.....	5
1.3 Main Audience.....	5
1.4 Glossary.....	5
1.5 Related Documents.....	5
2 Messages.....	6
2.1 Bobsleigh, Luge, Skeleton Overview.....	6
2.2 Applicable Messages.....	6
2.3 Messages.....	8
2.3.1 List of participants by discipline / List of participants by discipline update.....	8
2.3.1.1 Description.....	8
2.3.1.2 Header Values.....	8
2.3.1.3 Trigger and Frequency.....	9
2.3.1.4 Message Structure.....	9
2.3.1.5 Message Values.....	10
2.3.1.6 Message Sort.....	13
2.3.2 List of teams / List of teams update.....	14
2.3.2.1 Description.....	14
2.3.2.2 Header Values.....	14
2.3.2.3 Trigger and Frequency.....	15
2.3.2.4 Message Structure.....	15
2.3.2.5 Message Values.....	16
2.3.2.6 Message Sort.....	17
2.3.3 Event Unit Start List and Results.....	18
2.3.3.1 Description.....	18
2.3.3.2 Header Values.....	18
2.3.3.3 Trigger and Frequency.....	18
2.3.3.4 Message Structure.....	19
2.3.3.5 Message Values.....	22
2.3.3.6 Message Sort.....	34
2.3.4 Current Information.....	35
2.3.4.1 Description.....	35
2.3.4.2 Header Values.....	35
2.3.4.3 Trigger and Frequency.....	35
2.3.4.4 Message Structure.....	35
2.3.4.5 Message Values.....	37
2.3.4.6 Message Sort.....	46
2.3.5 Cumulative Results.....	47
2.3.5.1 Description.....	47
2.3.5.2 Header Values.....	47
2.3.5.3 Trigger and Frequency.....	47
2.3.5.4 Message Structure.....	48
2.3.5.5 Message Values.....	50
2.3.5.6 Message Sort.....	55
2.3.6 Records.....	56



2.3.6.1 Description.....	56
2.3.6.2 Header Values.....	56
2.3.6.3 Trigger and Frequency.....	56
2.3.6.4 Message Structure.....	57
2.3.6.5 Message Values.....	58
2.3.6.6 Message Sort.....	61
2.3.7 Event Final Ranking.....	62
2.3.7.1 Description.....	62
2.3.7.2 Header Values.....	62
2.3.7.3 Trigger and Frequency.....	62
2.3.7.4 Message Structure.....	62
2.3.7.5 Message Values.....	63
2.3.7.6 Message Sort.....	65
2.3.8 Configuration.....	66
2.3.8.1 Description.....	66
2.3.8.2 Header Values.....	66
2.3.8.3 Trigger and Frequency.....	66
2.3.8.4 Message Structure.....	66
2.3.8.5 Message Values.....	67
2.3.8.6 Message Sort.....	70
2.3.9 Weather conditions.....	71
2.3.9.1 Description.....	71
2.3.9.2 Header Values.....	71
2.3.9.3 Trigger and Frequency.....	71
2.3.9.4 Message Structure.....	71
2.3.9.5 Message Values.....	72
2.3.9.6 Message Sort.....	73
3 Document Control.....	75

1 Introduction

1.1 This document

This document includes the ODF Bobsleigh, Luge, Skeleton Data Dictionary. This Data Dictionary refines the messages described in the ODF General Messages Interface Document specifically for this discipline.

1.2 Objective

The objective of this document is to provide a complete and formal definition of the ODF Bobsleigh, Luge, Skeleton Data Dictionary, with the intention that the information message producer and the message consumer can successfully interchange the information as the 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 Foundation Principles	The document explains the environment & general principles for ODF
ODF General Messages Interface	The document describes the ODF General Messages
Common Codes	The document describes the ODF Common codes
ODF Header Values	The document details the header values which shows which RSCs are used in which messages.
ORIS Sports Document	The document details the sport specific requirements

2 Messages

2.1 Bobsleigh, Luge, Skeleton Overview

MESSAGES IN EACH EVENT

* All events except Luge Relay: DT_RESULT is sent for the start list and results with DT_CURRENT sent for each sled and DT_CUMULATIVE_RESULT for the overall standings.

* Luge Relay: DT_RESULT is sent for the single race and DT_CURRENT for each sled.

* All training: DT_RESULT for each training run and DT_CURRENT for each sled.

SCHEDULE

The DT_SCHEDULE/DT_SCHEDULE_UPDATE message will include only each individual run/heat.

2.2 Applicable Messages

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

- 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 responsibilities appears in the ODF Foundation Principles Appendices

Message Type	Message Name	Message\nextended
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 / List of teams update	X
DT_RESULT	Event Unit Start List and Results	X
DT_CURRENT	Current Information	X
DT_CUMULATIVE_RESULT	Cumulative Results	X
DT_RECORD	Records	X
DT_RANKING	Event Final Ranking	X
DT_MEDALLISTS	Event's Medallists	
DT_MEDALLISTS_DISCIPLINE	Medallists by discipline	
DT_MEDALS	Medal standings	
DT_CONFIG	Configuration	X



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DT_COMMUNICATION	Communication	
DT_WEATHER	Weather conditions	X
DT_PRESENTER	Medal Presenters	
DT_LOCAL_ON	Discipline/venue start transmission	
DT_LOCAL_OFF	Discipline/venue stop transmission	
DT_KA	Keep Alive	
DT_ALERT	Alert	
DT_BCK	Background Document	
DT_BIO_PAR	Participant Biography	
DT_NEWS	News Document	
DT_ESL	Extended Start List	
DT_PIC	Pictures	
DT_PDF	PDF Message	

2.3 Messages

2.3.1 List of participants by discipline / List of participants by discipline update

2.3.1.1 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 (event unit start list and results, phase results, medallists 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 includes a list of current athletes, officials, coaches, guides, technical officials, reserves and historical athletes regardless of their 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.

2.3.1.2 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)	Full 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	Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight. See full explanation in ODF Foundation.
Source	SC @Source	Code indicating the system which generated the message.

2.3.1.3 Trigger and Frequency

The DT_PARTIC message is sent as a bulk message prior to 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.

2.3.1.4 Message Structure

The following table defines the structure of the message.

Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
Competition (0.1)	Gen Sport Codes				
	Participant (1.N)	Code Parent Status GivenName FamilyName PassportGivenName PassportFamilyName PrintName PrintInitialName TVName TVInitialName TVFamilyName LocalFamilyName LocalGivenName Gender Organisation BirthDate			



Height			
Weight			
PlaceofBirth			
CountryofBirth			
PlaceofResidence			
CountryofResidence			
Nationality			
MainFunctionId			
Current			
OlympicSolidarity			
ModificationIndicator			
Discipline (1.1)			
		Code	
		IFId	
		RegisteredEvent (0.N)	
			Event
			Substitute
			EventEntry (0.N)
			Type
			Code
			Pos
			Value

2.3.1.5 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 (General)

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

Element Participant (1,N)			
Attribute	M/O	Value	Description
Code	M	S(20) with no leading	Participant's ID.



		zeroes	<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)
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. Do not send attribute if data 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.
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	Full RSC of the Discipline. It is the discipline code used to fill the OdfBody @DocumentCode attribute.



IFld	O	S(16)	IF ID (competitor's federation number for the discipline if it is assigned).
------	---	-------	--

Element Participant /Discipline /RegisteredEvent (0,N)

All accredited athletes will be assigned to one or more events. There is one exception: in some sports, 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
Substitute	O	S(1)	Send Y if the athlete is a substitute else do not send. Applicable in BOB. Not applicable in LUG & SKN.

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

Send if there are specific athlete's event entries.

Type	Code	Pos	Description
ENTRY	POSITION	N/A	Element Expected: As soon as it is known. Applicable in BOB & LUG. Not applicable in SKN.
	Attribute	M/O	Value
	Value	M	CC @Position Position Code for the athlete

2.3.1.6 Message Sort

The message is sorted by Participant @Code

2.3.2 List of teams / List of teams update

2.3.2.1 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. Pairs (tennis, figure skating, etc.) are also defined as team of two competitors. 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.

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 (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.

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.

How to display Sled Names in BOB and LUG doubles and Team Events.

- In BOB Events and LUG Team Relay, TeamName data field on ODF definition contains the Name of the respective NOC. (TeamType=ORG)

- In LUG doubles (including in team event), Name data field follows the pattern (TeamType=CPLP):

Front Athlete FamilyName GivenName / Back Athlete FamilyName GivenName

For example: LANGE Andre / KUEHN Enrico

2.3.2.2 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)	Full 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.
LogicalDate	Date	Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight. See full explanation in ODF Foundation.
Source	SC @Source	Code indicating the system which generated the message.

2.3.2.3 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.

2.3.2.4 Message Structure

The following table defines the structure of the message.

Level 1	Level 2	Level 3	Level 4	Level 5
Competition (0,1)	Gen Sport Codes			
	Team (1,N)	Code Organisation Number Name ShortName TVTeamName Gender Current TeamType ModificationIndicator		
		Composition (0,1)		
			Athlete (0,N)	Code Order
		Discipline (0,1)		
			Code IFId RegisteredEvent (0,1)	
				Event



2.3.2.5 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 Team (1,N)			
Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Team's ID (example ATHM4X400M--ESP01, 393553) 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 name
ShortName	M	S(40)	Team Short Name
TVTeamName	M	S(21)	TV Team Name
Gender	M	CC @SportGender	Gender Code of the Team
Current	M	boolean	It defines if a team is participating in the games (true) or it is a Historical team (false)
TeamType	M	SC @TeamType	Send the team type. This is how the name is constructed to allow clients to build in other languages.
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)



In the case of current teams the number of athletes is 2 or more.

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	M	Numeric	Team member order

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

Sample (Bobsleigh)

```
<Team Code="BOBOTEAM4---AUS01" Organisation="AUS" Number="1" Name="Australia" ShortName="Australia"
TeamType="ORG" Gender="M" Current="true" >
  <Composition>
    <Athlete Code="2005035" Order="1" />
    <Athlete Code="2005037" Order="2" />
    <Athlete Code="2005038" Order="3" />
    <Athlete Code="2005040" Order="4" />
  </Composition>
  <Discipline Code="BOB-----" >
    <RegisteredEvent Event="BOBOTEAM4-----" />
  </Discipline>
</Team>
```

2.3.2.6 Message Sort

The message is sorted by Team @Code.



2.3.3 Event Unit Start List and Results

2.3.3.1 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.

2.3.3.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC @Competition	Unique ID for competition
DocumentCode	Full RSC	Full RSC of the run, one message per run.
DocumentSubcode	N/A	N/A
DocumentType	DT_RESULT	Event Unit Start List and Results message
DocumentSubtype	N/A	N/A
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 competition starts and after every split in the current sled/bob. Also, when a sled/bob has completed the run) INTERMEDIATE (in case of heat interruption) 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 if the result is 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.
LogicalDate	Date	Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight. See full explanation in ODF Foundation.
Source	SC @Source	Code indicating the system which generated the message.

2.3.3.3 Trigger and Frequency

This message is sent:

- As soon as the start list is available and after any changes [inc. IRMs] (START_LIST)
- When the competition starts and after every split in the current sled/bob (LIVE)
- After every sled/bob has completed the run (LIVE)

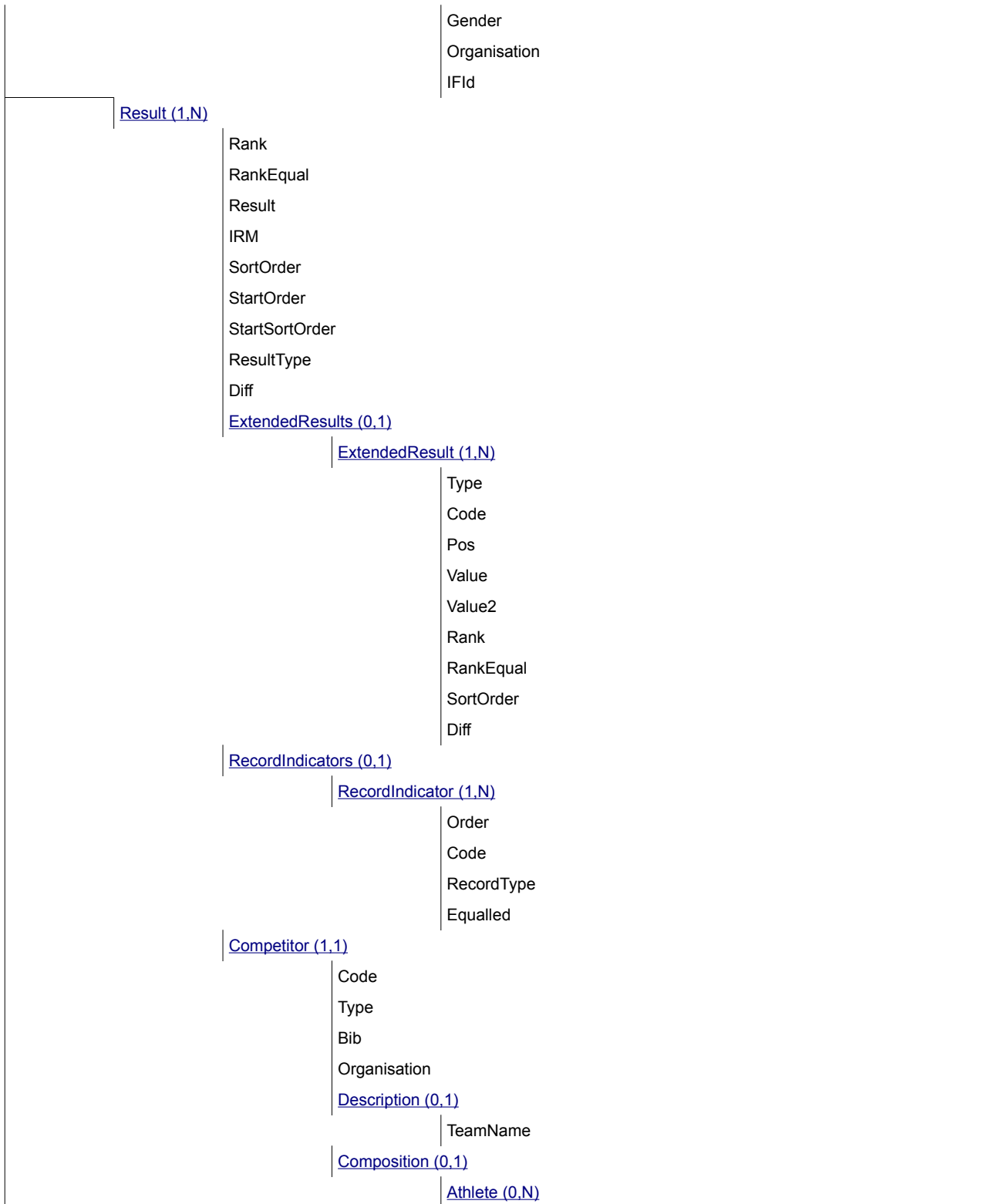


- After the race is finished (UNCONFIRMED / UNOFFICIAL / OFFICIAL) as applicable.
- Send as PROTESTED if the result is protested according to the sport rules
- After any change

2.3.3.4 Message Structure

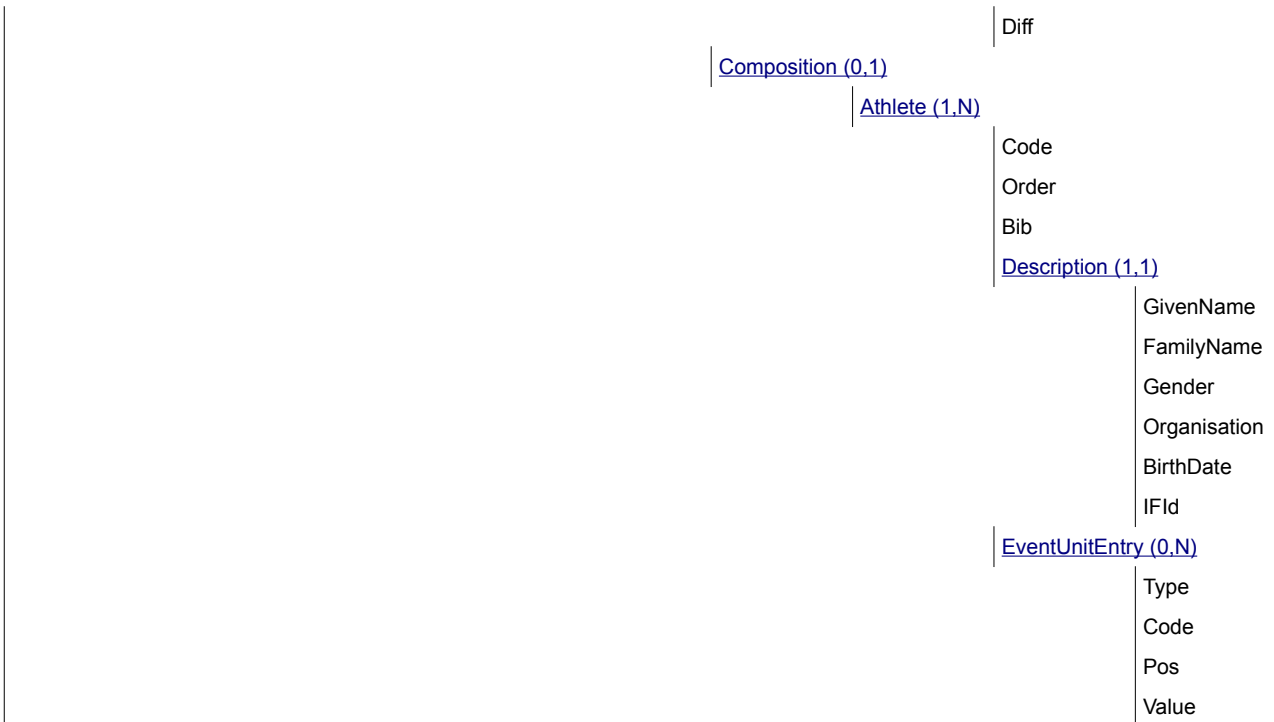
The following table defines the structure of the message.

Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	Level 8	Level 9
<u>Competition (0,1)</u>								
	Gen							
	Sport							
	Codes							
	<u>ExtendedInfos (0,1)</u>							
		<u>UnitDateTime (0,1)</u>						
			StartDate					
		<u>ExtendedInfo (0,N)</u>						
			Type					
			Code					
			Pos					
			Value					
		<u>SportDescription (0,1)</u>						
			DisciplineName					
			EventName					
			Gender					
			SubEventName					
			UnitNum					
		<u>VenueDescription (0,1)</u>						
			Venue					
			VenueName					
			Location					
			LocationName					
			Attendance					
	<u>Officials (0,1)</u>							
		<u>Official (1,N)</u>						
			Code					
			Function					
			Order					
			<u>Description (1,1)</u>					
				GivenName				
				FamilyName				





	Code
	Order
	Bib
	<u>Description (1,1)</u>
	GivenName
	FamilyName
	Gender
	Organisation
	BirthDate
	IFid
	<u>EventUnitEntry (0,N)</u>
	Type
	Code
	Pos
	Value
	<u>ExtendedResults (0,1)</u>
	<u>ExtendedResult (1,N)</u>
	Type
	Code
	Pos
	Value
	Value2
	Rank
	RankEqual
	SortOrder
	Diff
	<u>Team (0,N)</u>
	Code
	Order
	<u>ExtendedResults (0,1)</u>
	<u>ExtendedResult (1,N)</u>
	Type
	Code
	Pos
	Value
	Value2
	Rank
	RankEqual
	SortOrder



2.3.3.5 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)			
Actual start date and time / end date and time. (do not include until unit starts)			
Attribute	M/O	Value	Description
StartDate	M	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
Attribute	M/O	Value	Description
Value	M	Numeric ##0	Sent the number of competitors on the start list



Sub Element ExtendedInfos /ExtendedInfo /Extension Expected Always after status START_LIST and at least one competitor has completed the unit without IRM				
Attribute		Value	Description	
Code		COMPLETE		
Pos		N/A		
Value		Numeric ##0	Send the number of competitors whose event unit is completed (includes IRMs)	
DISPLAY		LAST_COMP	N/A	Element Expected: When available and only when the unit is LIVE or UNOFFICIAL
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.
DISPLAY		LAST_SLED	N/A	Element Expected: When available and only when the unit is LIVE or UNOFFICIAL (Team Relay only)
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.
BEST		SPEED	S(2)	Pos Description: Speed trap point where the best speed was achieved as defined in DT_CONFIG, 1..N Element Expected: When available
Attribute		M/O	Value	Description
Value		M	Numeric ##0.0	Best speed in the current run in km/h
Sub Element ExtendedInfos /ExtendedInfo /Extension Expected When data is available				
Attribute		Value	Description	
Code		COMP		
Pos		N/A		
Value		S(20) without leading zeroes	Send the competitor ID of the sled who achieved the best speed in the current run.	
Sub Element ExtendedInfos /ExtendedInfo /Extension Expected When data is available				
Attribute		Value	Description	
Code		MPH		
Pos		N/A		
Value		Numeric ##0.0	Speed at this point in mph	

Sample (General)



```
<ExtendedInfos>
<UnitDateTime StartDate="2012-08-07T11:01:00+01:00" />
<ExtendedInfo Type="DISPLAY" Code="LAST_COMP" Value="2111355" />
<ExtendedInfo Type="BEST" Code="SPEED" Pos="1" Value="122.7" >
  <Extension Code="MPH" Value="77.1" />
  <Extension Code="COMP" Value="2111355" />
</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 @SportGender	Gender code for the event unit
SubEventName	M	S(40)	EventUnit short name (not code) from Common Codes
UnitNum	O	S(15)	Heat Number

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 Description (not code) from Common Codes
Location	M	CC @Location	Location code
LocationName	M	S(30)	Location Description (not code) from Common Codes
Attendance	O	Numeric #####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	M	Numeric #0	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
IFId	O	S(16)	International Federation ID

Element Result (1,N)			
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 (not cumulative).
RankEqual	O	S(1)	Identifies if a rank has been equalled, send Y if applicable else not sent
Result	O	m:ss.ff (BOB & SKN) m:ss.fff (LUG)	Result for the event unit.
IRM	O	SC @IRM	IRM for the event unit Send only in the case @ResultType is IRM
SortOrder	M	Numeric	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.
StartOrder	O	Numeric	The start order of the unit.
StartSortOrder	M	Numeric	Used to sort all start list competitors in an event unit.
ResultType	O	SC @ResultType	Type of the @Result attribute.
Diff	O	+s.ff (BOB & SKN) +s.fff (LUG)	Time Behind (0.00 / 0.000 for the leader)

Element Result /ExtendedResults /ExtendedResult (1,N)			
Type	Code	Pos	Description
PROGRESS	INTERMEDIATE	S(1)	Pos Description: Intermediate point where the intermediate time is recorded (S, 1, 2...F). Element Expected: When data is available except luge teams.
	Attribute	M/O	Value
	Value	O	m:ss.ff (BOB & SKN) m:ss.fff (LUG)
	Rank	O	S(2)
	RankEqual	O	S(1)
	SortOrder	M	Numeric #0
	Diff	O	[+/-]s.ff (BOB & SKN) [+/-]s.fff (LUG)
PROGRESS	SC @Leg	S(1)	Pos Description: Intermediate point where the intermediate time is recorded (S, 1, 2...F).



				Element Expected: When data is available in luge teams.
	Attribute	M/O	Value	Description
	Value	O	m:ss.fff	Cumulative time at the intermediate point considering all legs). Do not send minutes if zero.
	Rank	O	S(2)	Send the rank of the competitor at this point.
	RankEqual	O	S(1)	Send Y if rank is equalled, otherwise do not send.
	SortOrder	M	Numeric #0	Send the order of the competitor at this point.
	Diff	O	[+/-]s.fff	Send the time behind the leader at the corresponding intermediate point for the current run. (0.000 for leader)
PROGRESS		SPEED	S(2)	Pos Description: Speed trap point as defined in DT_CONFIG, 1..N Element Expected: When available except luge teams
	Attribute	M/O	Value	Description
	Value	M	Numeric ##0.0	Speed at this point in km/h
	Value2	M	Numeric ##0.0	Speed at this point in mph
PROGRESS		ACCELERATION	N/A	Element Expected: Expected: BOB only
	Attribute	M/O	Value	Description
	Value	M	s.s	Time for acceleration (30k/h)
PROGRESS		SECTION	S(1)	Pos Description: Intermediate point at the end of the section where section time is taken (S, 1, 2..F). For example 1 is the section from S to 1. Element Expected: When available except luge teams
	Attribute	M/O	Value	Description
	Value	O	s.ff (BOB & SKN) s.fff (LUG)	Time for the section ending at the intermediate point @Pos.
	Rank	O	S(2)	Send the rank of the competitor in the section
	RankEqual	O	S(1)	Send "Y" if rank is equalled, otherwise do not send.
	SortOrder	M	Numeric #0	Send the order of the competitor in the corresponding section
SPEED		MAX	N/A	Element Expected: When data is available except luge teams
	Attribute	M/O	Value	Description



Value	M	Numeric ##0.0	Send the designated maximum speed in kph
Value2	M	Numeric ##0.0	Send the designated maximum speed in mph

Sample (General)

```
<Result SortOrder="1" ResultType="TIME" Rank="1" Result="1:09.59" Diff="0.00" StartOrder="5" StartSortOrder="5" >
  <ExtendedResults>
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="S" Value="5.05" Rank="1" SortOrder="1" Diff="0.00" />
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="1" Value="17.50" Rank="1" SortOrder="1" Diff="0.00" />
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="2" Value="28.56" Rank="1" SortOrder="1" Diff="0.00" />
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="3" Value="41.50" Rank="2" SortOrder="2" Diff="+0.02" />
  >
  <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="4" Value="51.58" Rank="1" SortOrder="1" Diff="0.00" />
  <ExtendedResult Type="PROGRESS" Code="SECTION" Pos="1" Value="12.45" Rank="1" SortOrder="1" />
  <ExtendedResult Type="PROGRESS" Code="SECTION" Pos="2" Value="11.06" Rank="1" SortOrder="1" />
  ...
  <ExtendedResult Type="PROGRESS" Code="SECTION" Pos="F" Value="18.01" Rank="1" SortOrder="1" />
  <ExtendedResult Type="SPEED" Code="MAX" Value="134.4" Value2="83.6" />
</ExtendedResults>
<Competitor Type="A" Code="123456" Organisation="AUS" >
```

Element Result /RecordIndicators /RecordIndicator (1,N)

Result's record indicator.

Attribute	M/O	Value	Description
Order	M	Numeric	This will usually always be 1 unless there is both a SR and TR in which case SR=1 and TR=2.
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 (e.g. "TR" or "SR").
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	Competitor's ID
Type	M	S(1)	T for team, A for athlete
Bib	O	S(2)	Team Bib number in BOB & LUG
Organisation	M	CC @Organisation	Competitor's organisation

Element Result /Competitor /Description (0,1)

Competitors extended information.

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



Element Result /Competitor /Composition /Athlete (0,N)			
Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Athlete ID. In BOB training runs only include the pilot.
Order	M	Numeric 0	Order within the competitor
Bib	O	S(5)	Bib number. SKN & LUG (not used at this level in BOB). For Team event in Luge the bib for each sled will have values X-Y. This attribute is the individual Bib (Y value). It will be 1 for Women member of the team, 2 for Men and 3 for the Double sled's front athlete.

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
IFld	O	S(16)	International Federation ID

Element Result /Competitor /Composition /Athlete /EventUnitEntry (0,N)				
Individual athletes entry information.				
Type	Code	Pos	Description	
EUE	POSITION	N/A	Element Expected: Always in BOB and applicable events in LUG doubles and team relay	
	Attribute	M/O	Value	Description
	Value	M	CC @Position	Position of the athlete in the team.

Sample (Bobsleigh)

```
<Athlete Code="1135320" Order="1">
<Description GivenName="John" FamilyName="Smith" Gender="M" Organisation="SUI" BirthDate="1992-12-15" />
<EventUnitEntry Type="EUE" Code="POSITION" Value="P" />
```

Element Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult (1,N)			
This element is only used in the case of the team event in Luge.			
Type	Code	Pos	Description
PROGRESS	INTERMEDIATE	S(1)	Pos Description: Intermediate point where the intermediate time is recorded (R, 1, 2...F).



				R is the reaction time and F is the leg finish time. Element Expected: When data is available in luge teams individuals
	Attribute	M/O	Value	Description
	Value	M	m:ss.fff	Cumulative time at the intermediate point in the current leg (not cumulative over all legs). Do not send minutes if zero.
	Rank	O	S(2)	Send the rank of the competitor at the intermediate point.
	RankEqual	O	S(1)	Send "Y" if rank is equalled, otherwise do not send.
	SortOrder	M	Numeric #0	Send the order of the competitor at the intermediate point.
	Diff	O	[+/-]s.fff	Send the time behind the leader at the corresponding intermediate point for the current run. (0.000 for leader)
PROGRESS		SPEED	S(2)	Pos Description: Speed trap point as defined in DT_CONFIG, 1..N Element Expected: When data is available in luge teams individuals
	Attribute	M/O	Value	Description
	Value	M	Numeric ##0.0	Speed at this point in km/h
	Value2	M	Numeric ##0.0	Speed at this point in mph
PROGRESS		SECTION	S(1)	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 Start to 1. Element Expected: When data is available in luge teams individuals
	Attribute	M/O	Value	Description
	Value	M	s.fff	Time for the section ending at the intermediate point @Pos.
	Rank	O	S(2)	Send the rank of the competitor in the section
	RankEqual	O	S(1)	Send "Y" if rank is equalled, otherwise do not send.
	SortOrder	M	Numeric #0	Send the order of the competitor in the corresponding section
SPEED		MAX	N/A	Element Expected: When data is available in luge teams individuals
	Attribute	M/O	Value	Description



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WOG-2022-BOB-LUG-SKN-1.5 APP

	Value	M	Numeric ##0.0	Send the designated maximum speed in kph
	Value2	M	Numeric ##0.0	Send the designated maximum speed in mph
ER		LEG	N/A	Element Expected: When data is available in luge teams individuals
	Attribute	M/O	Value	Description
	Value	M	SC @Leg	Leg number, LEG1 or LEG2

Element Result /Competitor /Composition /Team (0,N)

Only applies for the pair in Luge Relay.

Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	ID of the pair
Order	M	Numeric 0	Order within the competitor, value is 1.

Element Result /Competitor /Composition /Team/ExtendedResults/ExtendedResult (1,N)

Only applies for the pair in Luge Relay

Type	Code	Pos	Description
PROGRESS	INTERMEDIATE	S(1)	Pos Description: Intermediate point where the intermediate time is recorded (R, 1, 2...F). R is the reaction time and F is the leg finish time. Element Expected: When data is available in luge relay doubles
	Attribute	M/O	Value
	Value	M	m:ss.fff
	Rank	O	S(2)
	RankEqual	O	S(1)
	SortOrder	M	Numeric #0
	Diff	O	[+/-]s.fff
PROGRESS	SPEED	S(2)	Pos Description: Speed trap point as defined in DT_CONFIG, 1..N Element Expected: When data is available in luge relay doubles
	Attribute	M/O	Value
	Value	M	m:ss.fff
	Rank	O	S(2)
	RankEqual	O	S(1)
	SortOrder	M	Numeric #0
	Diff	O	[+/-]s.fff



	Value	M	Numeric ##0.0	Speed at this point in km/h
	Value2	M	Numeric ##0.0	Speed at this point in mph
PROGRESS		SECTION	S(1)	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 Start to 1. Element Expected: When data is available in luge relay doubles
	Attribute	M/O	Value	Description
	Value	M	s.fff	Time for the section ending at the intermediate point @Pos.
	Rank	O	S(2)	Send the rank of the competitor in the section
	RankEqual	O	S(1)	Send "Y" if rank is equalled, otherwise do not send.
	SortOrder	M	Numeric #0	Send the order of the competitor in the corresponding section
SPEED		MAX	N/A	Element Expected: When data is available in luge relay doubles
	Attribute	M/O	Value	Description
	Value	M	Numeric ##0.0	Send the designated maximum speed in kph
	Value2	M	Numeric ##0.0	Send the designated maximum speed in mph
ER		LEG	N/A	Element Expected: When data is available in luge teams doubles
	Attribute	M/O	Value	Description
	Value	M	SC @Leg	Leg number, LEG3

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

Only for pair in luge relay

Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeros	Athlete ID
Order	M	Numeric 0	Order within the pair
Bib	O	S(5)	Bib number

Element Result /Competitor /Composition /Team /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



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WOG-2022-BOB-LUG-SKN-1.5 APP

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 /Team /Composition /Athlete /EventUnitEntry (0,N)			
Type	Code	Pos	Description
EUE	POSITION	N/A	Element Expected: Always
	Attribute	M/O	Value
	Value	M	CC @Position
			Description
			Position of the athlete in the team.

Sample (Luge Relay)



```

<Result Rank="1" Result="1:43.212" ResultType="TIME" SortOrder="1" Diff="0.000" StartOrder="5" StartSortOrder="5">
  <ExtendedResults>
    <ExtendedResult Type="PROGRESS" Code="LEG1" Pos="1" Value="12.356" Rank="2" SortOrder="2" Diff="+0.095" />
    <ExtendedResult Type="PROGRESS" Code="LEG1" Pos="2" Value="24.806" Rank="1" SortOrder="1" Diff="0.000" />
    <ExtendedResult Type="PROGRESS" Code="LEG1" Pos="F" Value="33.200" Rank="1" SortOrder="1" Diff="0.000" />
    ...
    <ExtendedResult Type="PROGRESS" Code="LEG3" Pos="F" Value="1:43.212" Rank="1" SortOrder="1" Diff="0.000" />
  </ExtendedResults>
  <RecordIndicators>
    <RecordIndicator Order="1" Code="LUGXRELAY4-----" RecordType="TR" />
  </RecordIndicators>
  <Competitor Code="LUGXRELAY4--USA01" Type="T" Organisation="USA" Bib="5">
    <Description TeamName="United States of America" />
    <Composition>
      <Athlete Code="8580024" Order="1" Bib="5-1">
        <Description GivenName="Iron" FamilyName="Hemlon" Gender="F" Organisation="USA" />
        <EventUnitEntry Type="SLED" Code="WOMAN" Value="8580024" />
        <ExtendedResults>
          <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="1" Value="12.356" Rank="2" SortOrder="2"
            Diff="+0.095" />
          ...
          <ExtendedResult Type="PROGRESS" Code="SECTION" Pos="2" Value="22.450" Rank="1" SortOrder="1"
            Diff="0.000" />
          <ExtendedResult Type="PROGRESS" Code="SECTION" Pos="F" Value="33.200" Rank="1" SortOrder="1"
            Diff="0.000" />
          <ExtendedResult Type="PROGRESS" Code="SPEED" Pos="1" Value="91.8" Value2="57.0" />
          <ExtendedResult Type="SPEED" Code="MAX" Value="91.8" Value2="57.0" />
          <ExtendedResult Type="ER" Code="LEG" Value="LEG1" />
        </ExtendedResults>
      </Athlete>
      <Athlete Code="8580027" Order="2" Bib="5-2">
        <Description GivenName="Chros" FamilyName="Mezdzir" Gender="M" Organisation="USA" />
        <EventUnitEntry Type="SLED" Code="MAN" Value="8580027" />
        <ExtendedResults>
          <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="R" Value="1.304" Rank="2" SortOrder="2"
            Diff="+0.047" />
          <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="1" Value="13.885" Rank="2" SortOrder="2"
            Diff="+0.136" />
          ...
          <ExtendedResult Type="PROGRESS" Code="SECTION" Pos="2" Value="21.150" Rank="1" SortOrder="1"
            Diff="0.000" />
          <ExtendedResult Type="PROGRESS" Code="SECTION" Pos="F" Value="31.100" Rank="1" SortOrder="1"
            Diff="0.000" />
          <ExtendedResult Type="PROGRESS" Code="SPEED" Pos="1" Value="84.1" Value2="52.2" />
          <ExtendedResult Type="SPEED" Code="MAX" Value="84.1" Value2="52.2" />
          <ExtendedResult Type="ER" Code="LEG" Value="LEG2" />
        </ExtendedResults>
      </Athlete>
      <Team Code="LUGODOUBLES-USA02" Order="1" Bib="5-3">
        <ExtendedResults>
          <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="R" Value="1.205" Rank="1" SortOrder="1"
            Diff="0.000" />
          <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="1" Value="13.333" Rank="1" SortOrder="1"
            Diff="0.000" />
          ...
          <ExtendedResult Type="PROGRESS" Code="SECTION" Pos="2" Value="23.357" Rank="1" SortOrder="1"
            Diff="0.000" />
          <ExtendedResult Type="PROGRESS" Code="SECTION" Pos="F" Value="28.456" Rank="1" SortOrder="1"
            Diff="0.000" />
          <ExtendedResult Type="PROGRESS" Code="SPEED" Pos="1" Value="83.5" Value2="51.9" />
          <ExtendedResult Type="SPEED" Code="MAX" Value="83.5" Value2="51.9" />
          <ExtendedResult Type="ER" Code="LEG" Value="LEG3" />
        </ExtendedResults>
      <Composition>

```



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WOG-2022-BOB-LUG-SKN-1.5 APP

2.3.3.6 Message Sort

Sort by Result @SortOrder

2.3.4 Current Information

2.3.4.1 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.

2.3.4.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC @Competition	Unique ID for competition
DocumentCode	Full RSC	RSC of the unit
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. See full explanation in ODF Foundation.
Source	SC @Source	Code indicating the system which generated the message.

2.3.4.3 Trigger and Frequency

This message is sent:

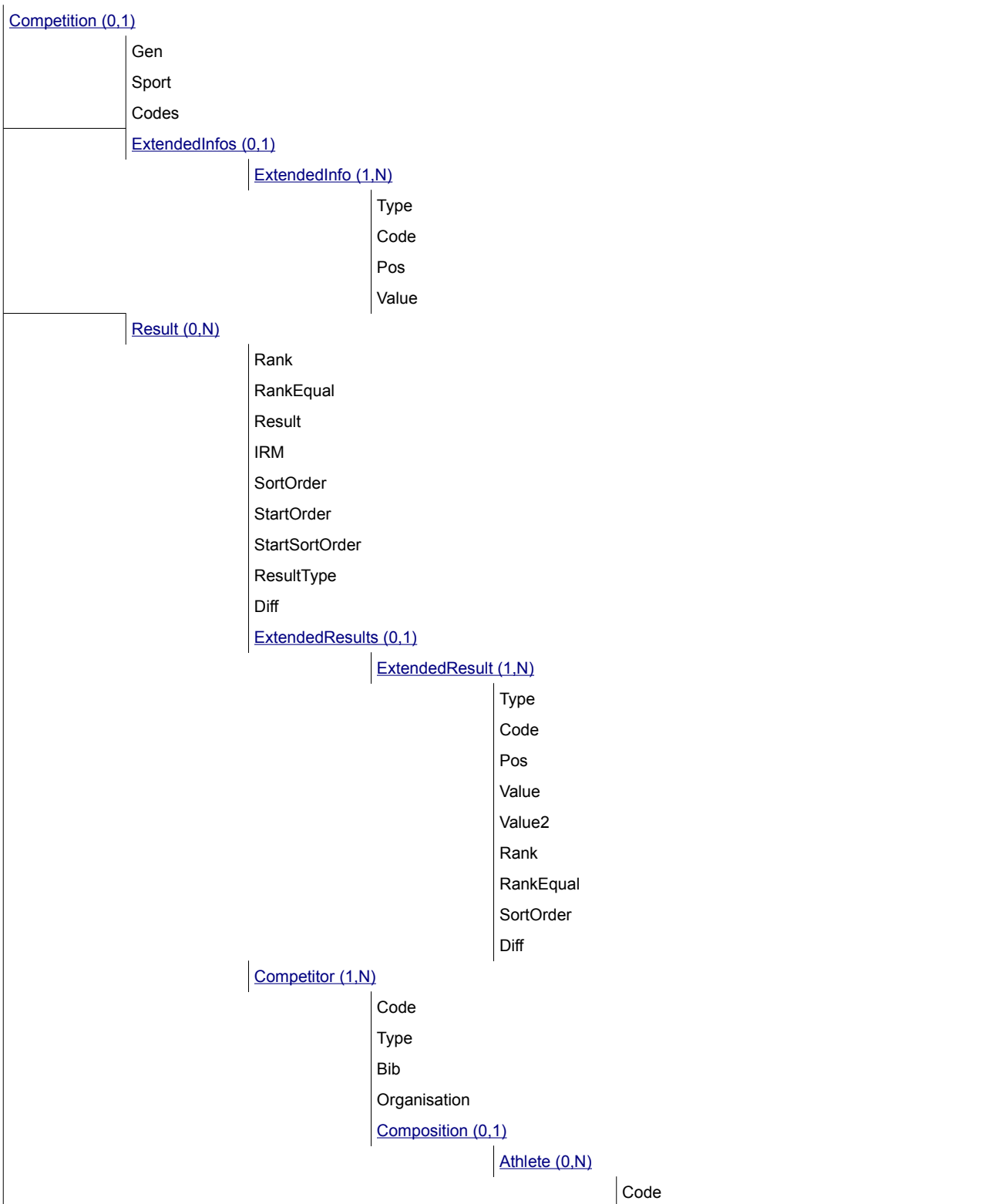
- At any time a new competitor receives the green light to start. (This athlete will be considered current)
- Immediately after every addition/change in data during the run
- Immediately after the competitor completes the course and the data is available.
- Immediately after DT_RESULT is sent if a unit is re-started (results removed) to clean existing (now incorrect) data

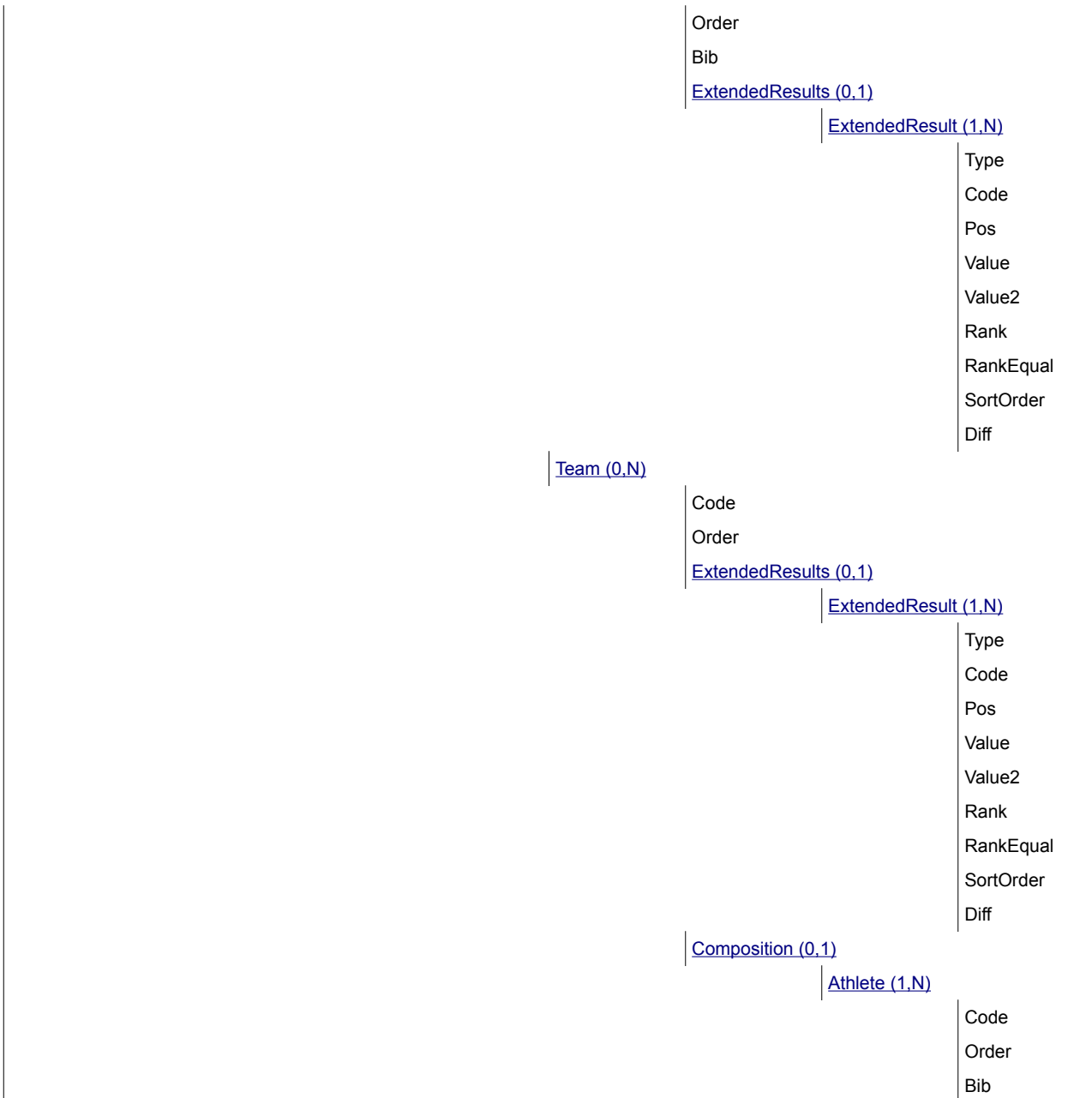
Each message will only include the athlete currently on the track or about to start and the one to follow.

2.3.4.4 Message Structure

The following table defines the structure of the message.

Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	Level 8
---------	---------	---------	---------	---------	---------	---------	---------





2.3.4.5 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
UI	START_INDIC	N/A	Element Expected: Always
	Attribute	M/O	Value
	Value	M	S(7)
			Send "GREEN" or "RED" to indication the light on the track.
DISPLAY	CURRENT	N/A	Element Expected: When available
	Attribute	M/O	Value
	Value	M	S(20) without leading zeroes
			Send the competitor ID of the current or about to start competitor. (in the case of team event this is the team)
Sub Element ExtendedInfos /ExtendedInfo /Extension Expected When available in all heats except in run 1			
	Attribute	Value	Description
	Code	ADVANTAGE	
	Pos	N/A	
	Value	s.ff (BOB & SKN) s.fff (LUG)	Send the time behind the current leader at the start
Sub Element ExtendedInfos /ExtendedInfo /Extension Expected When available			
	Attribute	Value	Description
	Code	STATUS	
	Pos	N/A	
	Value	SC @TrackStatus	Send status according to current sled activity
Sub Element ExtendedInfos /ExtendedInfo /Extension Expected When available			
	Attribute	Value	Description
	Code	TO_BEAT	
	Pos	Numeric 0	Send the rank which the competitor is trying to beat (1..3)
	Value	m:ss.ff (BOB & SKN) m:ss.fff (LUG)	Send the time needed (to beat) for the corresponding rank (in @Pos). Do not send minutes if zero.
DISPLAY	CURRENT_SUB	N/A	Element Expected: Luge relay
	Attribute	M/O	Value
	Value	M	S(20) without leading zeroes
			Send the competitor ID of the current or about to start competitor. (in the case of team event this is the individual or double)
DISPLAY	NEXT	N/A	Element Expected: When available



Attribute	M/O	Value	Description
Value	M	S(20) without leading zeroes	Send the competitor ID of the next competitor. (in the case of team event this is the team)

Sample (General)

```
<ExtendedInfos>
<ExtendedInfo Type="UI" Code="START_INDIC" Value="RED" >
<ExtendedInfo Type="DISPLAY" Code="CURRENT" Value="2111355" >
<Extension Code="TO_BEAT" Pos="1" Value="54.58" />
<Extension Code="TO_BEAT" Pos="2" Value="55.03" />
<Extension Code="TO_BEAT" Pos="3" Value="55.17" />
<Extension Code="ADVANTAGE" Value="-0.92" />
<Extension Code="STATUS" Value="RUNNING" />
</ExtendedInfo>
<ExtendedInfo Type="DISPLAY" Code="NEXT" Value="2231355" />
```

Element Result (0,N)			
Attribute	M/O	Value	Description
Rank	O	String	Rank of the competitor in the event unit (not cumulative)
RankEqual	O	S(1)	Identifies if a rank has been equalled. Send Y if applicable else not sent.
Result	O	m:ss.ff (BOB & SKN) m:ss.fff (LUG)	The result of the competitor in the event unit
IRM	O	SC @IRM	The invalid result mark, if applicable Send if @ResultType is IRM
SortOrder	M	Numeric #0	This attribute is a sequential number with the start order of the competitors in the unit.
StartOrder	O	Numeric #0	Competitor's start order
StartSortOrder	M	Numeric #0	Used to sort all start list competitors in an event unit.
ResultType	O	SC @ResultType	Type of the @Result attribute.
Diff	O	[+/-]s.ff (BOB & SKN) [+/-]s.fff (LUG)	Time Behind (0.00 / 0.000 for the leader) - for faster than leader, + for slower than leader.

Element Result /ExtendedResults /ExtendedResult (1,N)			
Type	Code	Pos	Description
PROGRESS	INTERMEDIATE	S(1)	Pos Description: Intermediate point where the intermediate time is recorded (S, 1, 2...F). Element Expected: When data is available except luge teams
Attribute	M/O	Value	Description
Value	O	m:ss.ff (BOB & SKN) m:ss.fff (LUG)	Cumulative time at the intermediate point in the current run (not cumulative over all runs).



				Do not send minutes if zero.
	Rank	O	S(2)	Send the rank of the competitor at the intermediate point.
	RankEqual	O	S(1)	Send "Y" if rank is equalled, otherwise do not send.
	SortOrder	M	Numeric #0	Send the order of the competitor at the intermediate point.
	Diff	O	[+/-]s.ff (BOB & SKN) [+/-]s.fff (LUG)	Send the time behind the leader not considering the current sled. This is compared to the leader before the current competitor so will be negative if faster.
PROGRESS		SPEED	S(2)	Pos Description: Speed trap point as defined in DT_CONFIG, 1..N Element Expected: When available except luge teams
	Attribute	M/O	Value	Description
	Value	M	Numeric ##0.0	Speed at this point in km/h
	Value2	M	Numeric ##0.0	Speed at this point in mph
CUMULATIVE		INTERMEDIATE	S(1)	Pos Description: Intermediate point where the intermediate time is recorded (S, 1, 2...). Element Expected: When available in all heats except heat 1 & except luge teams
	Attribute	M/O	Value	Description
	Value	O	m:ss.ff (BOB & SKN) m:ss.fff (LUG)	Cumulative time at the intermediate point considering all runs. Do not send minutes if zero.
	Rank	O	S(2)	Send the rank of the competitor at the intermediate point.
	RankEqual	O	S(1)	Send "Y" if rank is equalled, otherwise do not send.
	SortOrder	M	Numeric #0	Send the order of the competitor at the intermediate point.
	Diff	O	[+/-]s.ff (BOB & SKN) [+/-]s.fff (LUG)	Send the time behind the leader not considering the current sled but considering all runs. (0.00 / 0.000 for leader). Negative if faster than leader.
PROGRESS		SC @Leg	S(1)	Pos Description: Intermediate point where the intermediate time is recorded (S, 1, 2...F). Element Expected: When data is available in luge teams
	Attribute	M/O	Value	Description
	Value	M	m:ss.fff	Cumulative time at the intermediate point considering all legs). Do not send minutes if



				zero.
	Rank	O	S(2)	Send the rank of the competitor at the intermediate point
	RankEqual	O	S(1)	Send "Y" if rank is equalled, otherwise do not send.
	SortOrder	M	Numeric #0	Send the order of the competitor at the intermediate point
	Diff	O	[+/-]s.fff	Send the time behind the leader at the corresponding intermediate point for the current run. (0.000 for leader). - means faster than leader, + means behind leader.
SPEED		MAX	N/A	Element Expected: When data is available except luge teams
	Attribute	M/O	Value	Description
	Value	M	Numeric ##0.0	Send the designated maximum speed in kph
	Value2	M	Numeric ##0.0	Send the designated maximum speed in mph

Sample (General)

```
<Result SortOrder="1" ResultType="TIME" Rank="1" Result="1:09.59" Diff="0.00" StartOrder="5" >
  <Competitor Type="A" Code="123456" Organisation="AUS" >
    <ExtendedResults>
      <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="S" Value="5.05" Rank="1" SortOrder="1" Diff="0.00" />
      <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="1" Value="17.50" Rank="1" SortOrder="1" Diff="0.00" />
      <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="2" Value="28.56" Rank="1" SortOrder="1" Diff="0.00" />
      <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="3" Value="41.50" Rank="2" SortOrder="2" Diff="+0.02" />
    >
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="4" Value="51.58" Rank="1" SortOrder="1" Diff="0.00" />
  ..
</ExtendedResults>
<Composition>
<Athlete
```

Element Result /Competitor (1,N)			
Competitor related to the result of one event unit.			
Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Competitor's ID
Type	M	S(1)	A for athlete, T for team
Bib	O	S(2)	Team Bib number in BOB & LUG
Organisation	M	CC @Organisation	Competitor's organisation

Element Result /Competitor /Composition /Athlete (0,N)			
Attribute	M/O	Value	Description
Code	M	S(20) with no leading	Athletes ID. Can belong to a team member or an individual



INTERNATIONAL
OLYMPIC
COMMITTEE

WOG-2022-BOB-LUG-SKN-1.5 APP

		zeroes	athlete.
Order	M	Numeric	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 /ExtendedResults /ExtendedResult (1,N)				
This element is only used in the case of the team event in Luge.				
Type	Code	Pos	Description	
PROGRESS	INTERMEDIATE	S(1)	Pos Description: Intermediate point where the intermediate time is recorded (R, 1, 2...F). R is the reaction time and F is the leg finish time. Element Expected: When data is available in luge teams individuals	
	Attribute	M/O	Value	Description
	Value	M	m:ss.fff	Cumulative time at the intermediate point in the current leg (not cumulative over all legs). Do not send minutes if zero.
	Rank	O	S(2)	Send the rank of the competitor at the intermediate point.
	RankEqual	O	S(1)	Send "Y" if rank is equalled, otherwise do not send.
	SortOrder	M	Numeric #0	Send the order of the competitor at the intermediate point.
	Diff	O	[+/-]s.fff	Send the time behind the leader at the corresponding intermediate point for the current run. (0.000 for leader).
PROGRESS	SPEED	S(2)	Pos Description: Speed trap point as defined in DT_CONFIG, 1..N Element Expected: When data is available in luge teams individuals	
	Attribute	M/O	Value	Description
	Value	M	Numeric ##0.0	Speed at this point in km/h.
	Value2	M	Numeric ##0.0	Speed at this point in mph
CUMULATIVE	INTERMEDIATE	S(1)	Pos Description: Intermediate point where the intermediate time is recorded (1, 2...F). Where F is the finish of the leg. Element Expected: When data is available in luge teams individuals	
	Attribute	M/O	Value	Description



INTERNATIONAL
OLYMPIC
COMMITTEE

WOG-2022-BOB-LUG-SKN-1.5 APP

	Value	O	m:ss.fff	Cumulative time at the intermediate point considering all legs in the event. Do not send minutes if zero.
	Rank	O	S(2)	Send the rank of the competitor at the intermediate point.
	RankEqual	O	S(1)	Send "Y" if rank is equalled, otherwise do not send.
	SortOrder	M	Numeric #0	Send the order of the competitor at the intermediate point.
	Diff	O	[+/-]s.fff	Send the time behind the leader at the corresponding intermediate point for the current run. (0.000 for leader).
SPEED		MAX	N/A	Element Expected: When data is available in luge teams individuals
	Attribute	M/O	Value	Description
	Value	M	Numeric ##0.0	Send the designated maximum speed in kph.
	Value2	M	Numeric ##0.0	Send the designated maximum speed in mph.

Element Result /Competitor /Composition /Team (0,N)			
Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeros	ID of the pair
Order	M	Numeric 0	Order within the competitor, value is 1.

Element Result /Competitor /Composition /Team/ExtendedResults/ExtendedResult (1,N)			
Only applies for the pair in Luge Relay			
Type	Code	Pos	Description
PROGRESS	INTERMEDIATE	S(1)	Pos Description: Intermediate point where the intermediate time is recorded (R, 1, 2...F). R is the reaction time and F is the leg finish time. Element Expected: When data is available in luge relay doubles
	Attribute	M/O	Value
	Value	M	m:ss.fff
	Rank	O	S(2)
	RankEqual	O	S(1)
	SortOrder	M	Numeric #0
			Description
	Value		Cumulative time at the intermediate point in the current leg (not cumulative over all legs). Do not send minutes if zero.
	Rank		Send the rank of the competitor at the intermediate point
	RankEqual		Send "Y" if rank is equalled, otherwise do not send.
	SortOrder		Send the order of the competitor at the intermediate point



INTERNATIONAL
OLYMPIC
COMMITTEE

WOG-2022-BOB-LUG-SKN-1.5 APP

	Diff	O	[+/-]s.fff	Send the time behind the leader at the corresponding intermediate point for the current run. (0.000 for leader)
PROGRESS		SPEED	S(2)	Pos Description: Speed trap point as defined in DT_CONFIG, 1..N Element Expected: When data is available in luge relay doubles
	Attribute	M/O	Value	Description
	Value	M	Numeric ##0.0	Speed at this point in km/h
	Value2	M	Numeric ##0.0	Speed at this point in mph
CUMULATIVE		INTERMEDIATE	S(1)	Pos Description: Intermediate point where the intermediate time is recorded (1, 2...F). Where F is the finish of the leg. Element Expected: When data is available in luge teams doubles
	Attribute	M/O	Value	Description
	Value	M	m:ss.fff	Cumulative time at the intermediate point considering all legs in the event. Do not send minutes if zero.
	Rank	O	S(2)	Send the rank of the competitor at the intermediate point.
	RankEqual	O	S(1)	Send "Y" if rank is equalled, otherwise do not send.
	SortOrder	M	Numeric #0	Send the order of the competitor at the intermediate point.
	Diff	O	[+/-]s.fff	Send the time behind the leader at the corresponding intermediate point for the current run. (0.000 for leader).
SPEED		MAX	N/A	Element Expected: When data is available in luge relay doubles
	Attribute	M/O	Value	Description
	Value	M	Numeric ##0.0	Send the designated maximum speed in kph
	Value2	M	Numeric ##0.0	Send the designated maximum speed in mph

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

Only for pair in luge relay

Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeros	Athlete ID
Order	M	Numeric 0	Order within the pair
Bib	O	S(5)	Bib number



Sample (Team)

```
<Result Rank="1" Result="1:43.212" ResultType="TIME" SortOrder="1" Diff="0.000" StartOrder="5" StartSortOrder="5">
  <ExtendedResults>
    <ExtendedResult Type="PROGRESS" Code="LEG1" Pos="1" Value="12.356" Rank="2" SortOrder="2" Diff="+0.095" />
    <ExtendedResult Type="PROGRESS" Code="LEG1" Pos="2" Value="24.806" Rank="1" SortOrder="1" Diff="0.000" />
    ...
    <ExtendedResult Type="PROGRESS" Code="LEG3" Pos="2" Value="1:34.668" Rank="1" SortOrder="1" Diff="0.000" />
    <ExtendedResult Type="PROGRESS" Code="LEG3" Pos="F" Value="1:43.212" Rank="1" SortOrder="1" Diff="0.000" />
  </ExtendedResults>
  <RecordIndicators>
    <RecordIndicator Order="1" Code="LUGXRELAY4-----" RecordType="TR" />
  </RecordIndicators>
  <Competitor Code="LUGXRELAY4--USA01" Type="T" Organisation="USA" Bib="5">
    <Composition>
      <Athlete Code="8580024" Order="1" Bib="5-1">
        <ExtendedResults>
          <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="1" Value="12.356" Rank="2" SortOrder="2"
Diff="+0.095" />
          ...
          <ExtendedResult Type="PROGRESS" Code="SECTION" Pos="F" Value="33.200" Rank="1" SortOrder="1"
Diff="0.000" />
          <ExtendedResult Type="PROGRESS" Code="SPEED" Pos="1" Value="91.8" Value2="57.0" />
          <ExtendedResult Type="SPEED" Code="MAX" Value="91.8" Value2="57.0" />
          <ExtendedResult Type="ER" Code="LEG" Value="LEG1" />
        </ExtendedResults>
      </Athlete>
      <Athlete Code="8580027" Order="2" Bib="5-2">
        <ExtendedResults>
          <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="R" Value="1.304" Rank="2" SortOrder="2"
Diff="+0.047" />
          <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="1" Value="13.885" Rank="2" SortOrder="2"
Diff="+0.136" />
          ...
          <ExtendedResult Type="PROGRESS" Code="SPEED" Pos="1" Value="84.1" Value2="52.2" />
          <ExtendedResult Type="SPEED" Code="MAX" Value="84.1" Value2="52.2" />
          <ExtendedResult Type="ER" Code="LEG" Value="LEG2" />
        </ExtendedResults>
      </Athlete>
      <Team Code="LUGODOUBLES-USA02" Order="1" Bib="5-3">
        <ExtendedResults>
          <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="R" Value="1.205" Rank="1" SortOrder="1"
Diff="0.000" />
          <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="1" Value="13.333" Rank="1" SortOrder="1"
Diff="0.000" />
          ...
          <ExtendedResult Type="PROGRESS" Code="SECTION" Pos="F" Value="1:43.212" Rank="1" SortOrder="1"
Diff="0.000" />
          <ExtendedResult Type="PROGRESS" Code="SPEED" Pos="1" Value="83.5" Value2="51.9" />
          <ExtendedResult Type="SPEED" Code="MAX" Value="83.5" Value2="51.9" />
          <ExtendedResult Type="ER" Code="LEG" Value="LEG3" />
        </ExtendedResults>
      <Composition>
        <Athlete Code="8580026" Order="1"/>
        <Athlete Code="8580047" Order="2"/>
      </Composition>
    </Competitor>
  </Result>
```



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WOG-2022-BOB-LUG-SKN-1.5 APP

2.3.4.6 Message Sort

Sort by Result @SortOrder.



2.3.5 Cumulative Results

2.3.5.1 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.

2.3.5.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC @Competition	Unique ID for competition
DocumentCode	Full RSC	Full RSC of the event Note that this message is not applicable for training.
DocumentSubcode	N/A	N/A
DocumentType	DT_CUMULATIVE_RESULT	Cumulative Results message
DocumentSubtype	N/A	N/A
Version	1..V	Version number associated to the message's content. Ascendant number
ResultStatus	SC @ResultStatus	It indicates the status of the results START_LIST LIVE INTERMEDIATE UNCONFIRMED 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.
LogicalDate	Date	Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight. See full explanation in ODF Foundation.
Source	SC @Source	Code indicating the system which generated the message.

2.3.5.3 Trigger and Frequency

- Send when the start list of the first unit is sent (START_LIST)
- Send after each competitor passes each intermediate during each run including the first run (LIVE)
- Send after each run is OFFICIAL (INTERMEDIATE)
- Send with ResultStatus INTERMEDIATE if the unit is interrupted following the normal practice in the sport
- Send after the last run complete (UNCONFIRMED/UNOFFICIAL / OFFICIAL as appropriate)
- Send as PROTESTED if the result is protested according to the sport rules



2.3.5.4 Message Structure

The following table defines the structure of the message.

Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	Level 8
Competition (0,1)							
	Gen						
	Sport						
	Codes						
	ExtendedInfos (0,1)						
		ExtendedInfo (0,N)					
			Type				
			Code				
			Pos				
			Value				
		Progress (0,1)					
			LastUnit				
		SportDescription (0,1)					
			DisciplineName				
			EventName				
			Gender				
		VenueDescription (0,1)					
			Venue				
			VenueName				
			Location				
			LocationName				
	Result (1,N)						
		Rank					
		RankEqual					
		ResultType					
		Result					
		IRM					
		QualificationMark					
		Diff					
		SortOrder					
		ResultItems (0,1)					
			ResultItem (1,N)				
				Unit			
				Order			
				Result (1,1)			
							Rank



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2.3.5.5 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: As soon as it is known during the penultimate race.	
	Attribute	M/O	Value	Description
	Value	M	S(20) with no leading zeroes	Send the last qualifying place ID (in penultimate race). 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)			
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 @SportGender	Gender code for the event unit

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



Element Result (1,N)			
For any cumulative results message, there should be at least one competitor being awarded a cumulative result after one event unit or phase.			
Attribute	M/O	Value	Description
Rank	O	S(2)	Rank of the competitor in the cumulative result. This attribute is optional because the competitor could get an invalid rank mark. At the start of a new run (2,3,4) this data is removed (for all competitors) until the competitor has completed the run.
RankEqual	O	S(1)	Send "Y" in case of the Rank has been equalled else do not send. At the start of a new run (2,3,4) this data is removed (for all competitors) until the competitor has completed the run and this attribute is applicable.
ResultType	O	SC @ResultType	Result type At the start of a new run (2,3,4) this data is removed (for all competitors) until the competitor has completed the run.
Result	O	m:ss.ff (BOB & SKN) m:ss.fff (LUG)	Cumulative result Send just in the case @ResultType is TIME At the start of a new run (2,3,4) this data is removed (for all competitors) until the competitor has completed the run.
IRM	O	SC @IRM	IRM for the cumulative result. Send just in the case @ResultType is IRM.
QualificationMark	O	SC @QualificationMark	The code which indicates the competitor is qualified for the final run. Only send during/after the penultimate run.
Diff	O	[+/-]s.ff (BOB & SKN) [+/-]s.fff (LUG)	Cumulative time behind the leader, send 0.00 for the leader. At the start of a new run (2,3,4) this data is removed (for all competitors) until the competitor has completed the run.
SortOrder	M	Numeric	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.

Element Result /ResultItems /ResultItem (1,N)			
Identifier of unit, for the schedule item to which it is going to be included the result summary. ResultItem /Result will be for one particular previous unit.			
Attribute	M/O	Value	Description
Unit	M	CC @Unit	Unit code of the latest RSC schedule item to which the cumulative results is updated to.
Order	M	Numeric #0	Logical order of the sub-units, usually schedule order.

Element Result /ResultItems /ResultItem /Result (1,1)			
For any Event Unit Results message, there should be at least one competitor being awarded a result for the event unit.			
Attribute	M/O	Value	Description
Rank	O	S(2)	Rank of the competitor in the result for the unit identified by @Unit at /ResultItems /ResultItem.
RankEqual	O	S(1)	Identifies if a rank has been equalled. Send Y if applicable else not sent.
ResultType	O	SC @ResultType	Type of the @Result attribute for the unit identified by



			/ResultItems /ResultItem. Send CANCELLED if this unit is cancelled
Result	O	m:ss.ff (BOB & SKN) m:ss.fff (LUG)	The result of the competitor for the unit identified by @Unit at /ResultItems /ResultItem. Do not send minutes of zero.
IRM	O	SC.@IRM	The invalid rank mark, in case it is assigned for the unit identified by /ResultItems /ResultItem. Send just in the case @ResultType is IRM.
Diff	O	[+/-]s.ff (BOB & SKN) [+/-]s.fff (LUG)	Time behind the leader for this run, send 0.00 for the leader.
SortOrder	M	Numeric	Used to sort all results in the unit identified /ResultItems /ResultItem.

Element Result /ResultItems /ResultItem /Result /ExtendedResults /ExtendedResult (1,N)				
Type	Code	Pos	Description	
ER	START	N/A	Element Expected: When available	
	Attribute	M/O	Value	Description
	Value	M	s.ff (BOB & SKN) s.fff (LUG)	Start Time
ER	START_BEST	N/A	Element Expected: If Applicable	
	Attribute	M/O	Value	Description
	Value	M	S(1)	Send "Y" if this run was the best start time for this competitor else do not send.
SPEED	MAX	N/A	Element Expected: When data is available	
	Attribute	M/O	Value	Description
	Value	M	Numeric ##0.0	Send the designated maximum speed in km/h
	Value2	M	Numeric ##0.0	Send the designated maximum speed in mph
ER	SPEED_BEST	N/A	Element Expected: If Applicable	
	Attribute	M/O	Value	Description
	Value	M	S(1)	Send "Y" if this run was highest speed for this competitor else do not send.
CUMULATIVE	INTERMEDIATE	S(1)	Pos Description: Intermediate point where the intermediate time is recorded (S, 1, 2...F). Element Expected: For the second and subsequent runs only.	
	Attribute	M/O	Value	Description
	Value	O	m:ss.ff (BOB & SKN) m:ss.fff (LUG)	Cumulative time at the intermediate point considering all runs to this point. Do not send



				minutes if zero. Do not send in first run.
	Rank	O	S(2)	Send the rank
	RankEqual	O	S(1)	Send Y where Rank at this specific ExtendedResult is equalled else not sent
	SortOrder	M	Numeric #0	Send the order of the competitor at the intermediate point
	Diff	O	[+/-]s.ff (BOB & SKN) [+/-]s.fff (LUG)	Cumulative time behind leader at the intermediate point considering all runs to this point.
PROGRESS		SPEED	S(2)	Pos Description: Speed trap point as defined in DT_CONFIG, 1..N for this run Element Expected: When available except luge teams
	Attribute	M/O	Value	Description
	Value	M	Numeric ##0.0	Speed at this point in km/h
	Value2	M	Numeric ##0.0	Speed at this point in mph

Element Result /ResultItems /ResultItem /Result /RecordIndicators /RecordIndicator (1,N)

Result's record indicator.

Attribute	M/O	Value	Description
Order	M	Numeric	Records are sorted by relevance. If there is more than one then send SR as 1 and TR as 2.
Code	M	CC.@RecordCode	Code which describes the record broken by the result value. It applies to the result of one event unit.
RecordType	M	CC.@RecordType	Code which specifies the level at which the record is broken. (SR or TR)
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 one cumulative result.

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	M	CC.@Organisation	Competitor's organisation

Element Result /Competitor /Description (0,1)

Competitors extended information.

Attribute	M/O	Value	Description
TeamName	M	S(73)	Name of the team same as in DT_PARTIC_TEAM. Only applies for teams.



INTERNATIONAL
OLYMPIC
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WOG-2022-BOB-LUG-SKN-1.5 APP

Element Result /Competitor /Composition /Athlete (0,N)			
Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Athlete's ID
Order	M	Numeric	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)			
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

Sample (Skeleton)



```
<Result Rank="2" ResultType="TIME" Result="2:19.15" SortOrder="2" Diff="0.02">
<ResultItems>
  <ResultItem Unit="SKNMSINGLES-----FNL-000101--" >
    <Result Rank="2" ResultType="TIME" Result="1:09.59" Diff="0.02" >
      <ExtendedResults>
        <ExtendedResult Type="ER" Code="START" Value="5.05" />
        <ExtendedResult Type="ER" Code="START_BEST" Value="Y" />
        <ExtendedResult Type="ER" Code="SPEED" Value="134.4" />
      </ExtendedResults>
    </Result>
  </ResultItem>
  <ResultItem Unit="SKNMSINGLES-----FNL-000102--" >
    <Result Rank="1" ResultType="TIME" Result="1:09.56" Diff="0.00" >
      <ExtendedResults>
        <ExtendedResult Type="ER" Code="START" Value="5.07" />
        <ExtendedResult Type="SPEED" Code="MAX" Value="135.4" />
        <ExtendedResult Type="ER" Code="SPEED_BEST" Value="Y" />
        <ExtendedResult Type="CUMULATIVE" Code="INTERMEDIATE" Pos="S" Value="2:15.02" Diff="0.07" SortOrder="4"
Rank="4"/>
      <ExtendedResult Type="CUMULATIVE" Code="INTERMEDIATE" Pos="1" Value="2:25.34" Diff="0.09" SortOrder="5"
Rank="5"/>
      <ExtendedResult Type="CUMULATIVE" Code="INTERMEDIATE" Pos="2" Value="2:53.45" Diff="0.07" SortOrder="2"
Rank="4"/>
      ...
      <ExtendedResult Type="CUMULATIVE" Code="INTERMEDIATE" Pos="F" Value="2:13.45" Diff="0.08" SortOrder="3"
Rank="3"/>
    </ExtendedResults>
    <RecordIndicators>
      <RecordIndicator Order="1" Code=" SKNMSINGLES-----" RecordType="TR" />
    </RecordIndicators>
  </Result>
</ResultItem>
</ResultItems>
```

2.3.5.6 Message Sort

The ResultItems should be ordered in the same order in which they took place, earliest to latest.

Result @SortOrder will be the attribute used to sort the results.

The order should be:

- 1) All athletes finished the current unit ordered by overall rank
- 2) All athletes on course (in the order of their result at the intermediate; in case of several intermediates from the one further down the course to the one nearest to the start)
- 3) All athlete still to start in the current unit (start order)
- 4) All athletes not qualified, but having a score from previous units
- 5) All athletes with IRM (sorting according to Discipline/ORIS standard order)

2.3.6 Records

2.3.6.1 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.

2.3.6.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC @Competition	Unique ID for competition
DocumentCode	Full RSC (discipline level)	Full 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	Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight. See full explanation in ODF Foundation.
Source	SC @Source	Code indicating the system which generated the message.

2.3.6.3 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.



2.3.6.4 Message Structure

The following table defines the structure of the message.

Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	Level 8	Level 9
Competition (0.1)								
	Gen							
	Sport							
	Codes							
	ExtendedInfos (0.1)							
		SportDescription (0.1)						
			DisciplineName					
	Record (1.N)							
		Code						
		Description (1.1)						
			Name					
		RecordType (1.N)						
			Order					
			RecordType					
			Shared					
			RecordData (0.N)					
				Order				
				ResultType				
				Result				
				Unit				
				Country				
				Place				
				Date				
				Time				
				Equalled				
				Unconfirmed				
				Competition				
				Historical				
				Current				
				ModificationIndicator				
				Competitor (0.1)				
					Code			
					Type			
					Organisation			
					Description (0.1)			
					TeamName			



2.3.6.5 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

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 records from 1 to n. Sliding sports do not have a hierarchy as the records are



			different but this is still required.
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

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
Result	M	s:ff (SR in SKN/BOB) s:fff (SR in LUG) or m:ss:ff (TR in SKN/BOB) m:ss:fff (TR in LUG)	The performance of the competitor for the record.
Unit	O	CC @Unit	Include the event 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).
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 /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)	A for athlete, T for team
Organisation	M	CC @Organisation	Competitors' organisation

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 / groups.
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)

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

Sample (Record)



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WOG-2022-BOB-LUG-SKN-1.5 APP

```
<Record Code="SKNMSINGLES-----">
  <Description Name="Men Skeleton" />
  <RecordType Code="TR" Order="1" Shared="N">
    <RecordData Order="1" ResultType="TIME" Result="48.45" Unit="SKNMSINGLES-----FNL-000102--" Country="KOR"
    Place="Sochi" Date="2014-02-12" Time="105830427" Competition="2014 Winter Games" Historical="N" Current="Y"
    ModificationIndicator="N" >
      <Competitor Code="1098720" Type="A" Organisation="NZL" >
        <Composition>
          <Athlete Code="1098720" Order="1">
            <Description FamilyName="John" GivenName="Smith" Gender="M" Organisation="NZL" IFId="12920"
            BirthDate="1989-12-15" />
          </Athlete>
        </Composition>
      </Competitor>
    </RecordData>
  </RecordType>
</RecordType Code="SR" Order="1" Shared="N">
```

2.3.6.6 Message Sort

The following order applies:

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

2.3.7 Event Final Ranking

2.3.7.1 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.

2.3.7.2 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. See full explanation in ODF Foundation.
Source	SC @Source	Code indicating the system which generated the message.

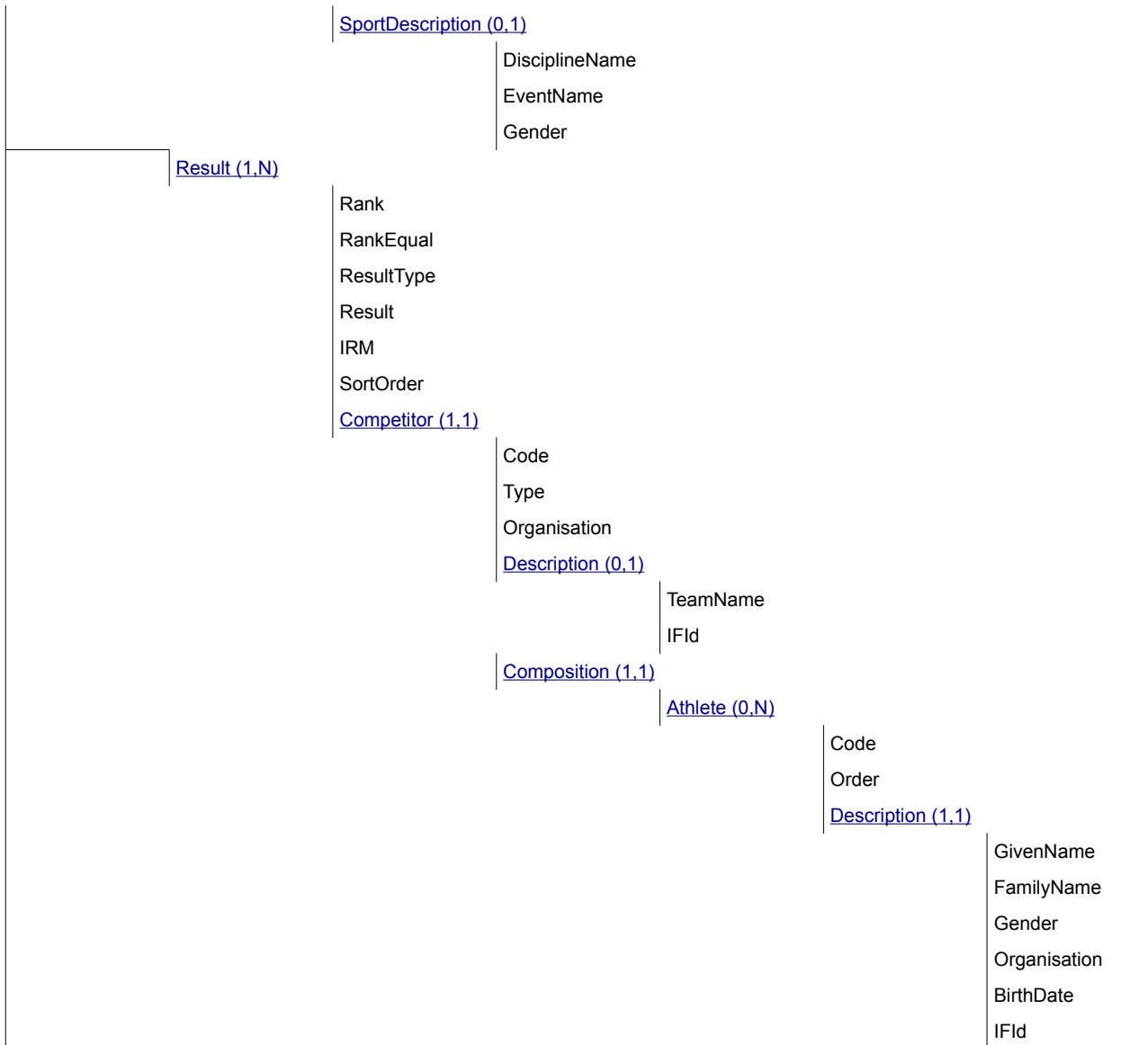
2.3.7.3 Trigger and Frequency

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.

2.3.7.4 Message Structure

The following table defines the structure of the message.

Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7
Competition (0.1)						
	Gen					
	Sport					
	Codes					
	ExtendedInfos (0.1)					



2.3.7.5 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 @SportGender	Gender code for the event unit.

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. It is optional because the competitor can be disqualified.
RankEqual	O	S(1)	Send Y if the rank is equalled, else do not send.
ResultType	O	SC @ResultType	Type of the @Result attribute
Result	O	m:ss.ff (BOB & SKN) m:ss.fff (LUG)	Total time for the competitor. Only include if completed the same number of runs as the winner (so times are comparable).
IRM	O	SC @IRM	Send if applicable.
SortOrder	M	Numeric	This attribute is a sequential number with the order of the competitors at the end of the event, if they were to be presented. If known rank: sort by rank, NOC. If no rank: sort DNF, DNS, EXL, DSQ.

Element Result /Competitor (1,1)			
Competitor related to one final event result.			
Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes or SC @CompetitorPlace	Competitor's ID. "NOCOMP" in the case where there is no competitor in the rank due to IRM.
Type	M	S(1)	A for athlete, T for team
Organisation	O	CC @Organisation	Competitor's 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.
IFId	O	S(16)	Team IF number, send if available

Element Result /Competitor /Composition /Athlete (0,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 (General)

```
<Result Rank="16" ResultType="TIME" Result="4:36.26" SortOrder="16" >  
  <Competitor Type="A" Code="1067129" Organisation="SUI" >  
    <Composition>  
      <Athlete Code="1067129" Order="1" />  
      <Description GivenName="James" FamilyName="Black" Gender="M" Organisation="SUI" BirthDate="1994-12-18" />  
    </Athlete>  
  </Composition>  
</Competitor>  
</Result>  
<Result Rank="17" ResultType="TIME" Result="4:37.84" SortOrder="17">  
  <Competitor Type="A" Code="1090447" Organisation="NZL" >  
    <Composition>  
      <Athlete Code="1090447" Order="1">  
        <Description GivenName="Jon" FamilyName="Smith" Gender="M" Organisation="NZL" BirthDate="1994-12-15" />  
      </Athlete>  
    </Composition>  
  </Competitor>  
</Result>
```

2.3.7.6 Message Sort

Sort by Result @SortOrder



2.3.8 Configuration

2.3.8.1 Description

The Configuration is a message containing general configuration.

Send as soon as available for each unit in separate message.

2.3.8.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC @Competition	Unique ID for competition
DocumentCode	Full RSC	Send one message per unit with the unit 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	Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight. See full explanation in ODF Foundation.
Source	SC @Source	Code indicating the system which generated the message.

2.3.8.3 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 for each unit 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.

2.3.8.4 Message Structure

The following table defines the structure of the message.

Level 1	Level 2	Level 3	Level 4	Level 5
Competition (0.1)	Gen Sport Codes			
	Configs (1.1)			
		Config (1.N)		



	Unit ExtendedConfig (1,N)
	Type
	Code
	Pos
	Value

2.3.8.5 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 @Unit	Full RSC (34) at unit level.

Element Configs /Config /ExtendedConfig (1,N)			
Type	Code	Pos	Description
COURSE	LENGTH	N/A	Element Expected: Always
	Attribute	M/O	Value
	Value	M	Numeric ###0
	Description		Send the total length of the track in m.
COURSE	ALTITUDE	N/A	Element Expected: Always
Sub Element Configs /Config /ExtendedConfig /ExtendedConfigItem Expected Always			
	Attribute	Value	Description
	Code	DROP	
	Pos	N/A	
	Value	Numeric ###0	Send the total vertical drop in metres
Sub Element Configs /Config /ExtendedConfig /ExtendedConfigItem Expected Always			
	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 Expected Always				
	Attribute	Value	Description	
	Code	START		
	Pos	N/A		
	Value	Numeric ###0	Send the altitude at the start point in metres	
EC		INTERMEDIATE	S(1)	Pos Description: Send the value that identifies the intermediate point, S for Start Time point, 1 to n for intermediates along the course and F for the finish line. "R" for reaction time. Applicable only in LUG Team Relay competition. Element Expected: Always
	Attribute	M/O	Value	Description
	Value	M	Numeric ####0	Send distance in metres at this intermediate point from the start.
EC		INTERMEDIATES_NUM	N/A	Element Expected: Always
	Attribute	M/O	Value	Description
	Value	M	Numeric 0	Send the total number of intermediate points where the time is recorded including F.
EC		SPEED	Numeric 0	Pos Description: Send the value that identifies the speed trap. Sequential numbering 1..n over all speed traps on the course. (starting from the first point in the track, and following in chronological order) Element Expected: For all Speed traps
	Attribute	M/O	Value	Description
	Value	M	S(2)	Send T for top speed, S for start speed or the number of the speed (like "1")
Sub Element Configs /Config /ExtendedConfig /ExtendedConfigItem Expected Always				
	Attribute	Value	Description	
	Code	INT_ORDER		
	Pos	N/A		
	Value	S(2)	The @Pos of the intermediate point at or immediately before this speed trap.	
EC		SPEED_NUM	N/A	Element Expected: Always if not zero.
	Attribute	M/O	Value	Description



	Value	M	Numeric #0	Send the total number of speed traps.
QUALIFICATION		FROM_RANK	N/A	Element Expected: When applicable, usually only in the penultimate run.
	Attribute	M/O	Value	Description
	Value	M	Numeric #0	Send the qualifying rank to indicate first rank to qualify
QUALIFICATION		TO_RANK	N/A	Element Expected: When applicable, usually only in the penultimate run.
	Attribute	M/O	Value	Description
	Value	M	Numeric #0	Send the qualifying rank to indicate last rank to qualify
QUALIFICATION		QUAL_RULE	N/A	Element Expected: When applicable, usually only in the penultimate run.
	Attribute	M/O	Value	Description
	Value	M	SC @QualRule	Send the code for the qualification rule.

Sample (General)

```
<Configs>
  <Config>
    <ExtendedConfig Type="COURSE" Code="LENGTH" Value="1500" />
    <ExtendedConfig Type="COURSE" Code="ALTITUDE" >
      <ExtendedConfigItem Code="START" Value="836" />
      <ExtendedConfigItem Code="FINISH" Value="704" />
      <ExtendedConfigItem Code="DROP" Value="132" />
    </ExtendedConfig>
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="S" Value="50" />
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="1" Value="340" />
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="2" Value="655" >
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="3" Value="926" />
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="4" Value="1273" />
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="F" Value="1500" />
    <ExtendedConfig Type="EC" Code="INTERMEDIATES_NUM" Value="6" />
    <ExtendedConfig Type="EC" Code="SPEED" Pos="1" />
      <ExtendedConfigItem Code="INT_ORDER" Value="1" />
    </ExtendedConfig>
    <ExtendedConfig Type="EC" Code="SPEED" Pos="2" />
      <ExtendedConfigItem Code="INT_ORDER" Value="3" />
    </ExtendedConfig>
    <ExtendedConfig Type="EC" Code="SPEED_NUM" Value="2" />
    <ExtendedConfig Type="QUALIFICATION" Code="FROM_RANK" Value="1" />
    <ExtendedConfig Type="QUALIFICATION" Code="TO_RANK" Value="20" />
  </Config>
</Configs>
```



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WOG-2022-BOB-LUG-SKN-1.5 APP

2.3.8.6 Message Sort

There is no general message sorting rule.



2.3.9 Weather conditions

2.3.9.1 Description

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

2.3.9.2 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 the 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	Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight. See full explanation in ODF Foundation.
Source	SC @Source	Code indicating the system which generated the message.

2.3.9.3 Trigger and Frequency

The message is sent

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

2.3.9.4 Message Structure

The following table defines the structure of the message.

Level 1	Level 2	Level 3	Level 4	Level 5
Competition (0.1)	Gen			
	Sport			
	Codes			
	Weather (1.1)	Date		
		Conditions (1.N)		
			Code	



Humidity			
Wind_Direction			
Prec_Type			
Condition (0,3)			Code
			Value
Temperature (0,N)			Code
			Unit
			Value
Wind (0,N)			Code
			Unit
			Value

2.3.9.5 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
Humidity	M	Numeric ##0	Humidity in %
Wind_Direction	M	CC @WindDirection	Wind direction
Prec_Type	O	SC @PrecType	Precipitation type

Element Weather /Conditions /Condition (0,3)			
Send three times in the case of Winter conditions.			
Attribute	M/O	Value	Description
Code	M	S(3)	Weather condition type, send SKY and ICE
Value	M	CC @WeatherCondition	Use CC @WeatherConditions for SKY



		CC @SnowConditions	Use CC @SnowConditions for ICE
--	--	--------------------	--------------------------------

Element Weather /Conditions /Temperature (0,N)

Send with different @Code in the case of winter conditions as needed.

Attribute	M/O	Value	Description
Code	M	S(3)	Temperature type, send AIR, ICE
Unit	M	SC @TemperatureUnit	Metric system unit for temperature
Value	M	Numeric -##0.0 or ##0.0	Temperature in centigrade degrees (in case of positive temperature, do not send '+')

Element Weather /Conditions /Wind (0,N)

Attribute	M/O	Value	Description
Code	M	S(5)	Wind Speed, send SPEED
Unit	M	SC @WindUnit	Unit for wind. MPH, MS and KMH expected.
Value	M	Numeric ##0.0	Wind speed in @Unit degrees.

Sample (General)

```
<Weather Date="2006-02-06T13:00:00+01:00" >
<Conditions Code="START" Humidity="40" Wind_Direction="VR">
<Condition Code="SKY" Value="sun" />
<Condition Code="ICE" Value="nor" />
<Temperature Code="AIR" Unit="C" Value="11.0" />
<Temperature Code="AIR" Unit="F" Value="51" />
<Temperature Code="ICE" Unit="C" Value="-2.4" />
<Temperature Code="ICE" Unit="F" Value="27" />
<Wind Code="SPEED" Unit="MS" Value="0.4" />
<Wind Code="SPEED" Unit="KMH" Value="1.4" />
</Conditions>
<Conditions Code="FINISH" Humidity="40" Wind_Direction="VR">
<Condition Code="SKY" Value="sun" />
<Condition Code="ICE" Value="nor" />
<Temperature Code="AIR" Unit="C" Value="12.0" />
<Temperature Code="AIR" Unit="F" Value="53.6" />
<Temperature Code="ICE" Unit="C" Value="-2.4" />
<Temperature Code="ICE" Unit="F" Value="27" />
<Wind Code="SPEED" Unit="MS" Value="0.6" />
<Wind Code="SPEED" Unit="KMH" Value="2.2" />
</Conditions>
</Weather>
```

2.3.9.6 Message Sort

There is no special sort order requirement for this message.



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WOG-2022-BOB-LUG-SKN-1.5 APP



3 Document Control

Version history		
Version	Date	Comments
V1.0	20 Sep 2019	First version
V1.1	27 Feb 2020	Updated after review
V1.2	2 Mar 2020	Updated
V1.3	13 Mar 2020	Updated
V1.4	5 Jun 2020	Updated with CR19497
V1.5	14 Aug 2020	Change to APP

File Reference: WOG-2022-BOB-LUG-SKN-1.5 APP

Change Log		
Version	Status	Changes on version
V1.0	SFR	First version DT_CURRENT: Change DISPLAY/CURRENT/STATUS to use SC @TrackStatus at ExtendedInfos DT_RESULT: Applied teams of teams DT_RESULT: Note only include Pilot in BOB training. DT_RESULT: Added acceleration time DT_CUMULATIVE_RESULT: Added Diff in each run
V1.1	SFR	DT_RANKING: Remove ExtendedInfos /VenueDescription DT_CUMULATIVE_RESULT: Add PROGRESS/SPEED at Result /ResultItems /ResultItem /Result /ExtendedResults /ExtendedResult
V1.2	SFA	DT_RESULT: Updated sample for luge relay DT_CURRENT: Updated sample for luge relay
V1.3	SFA	Applicable Messages: Add DT_PIC Applicable Messages: Add note about message responsibilities DT_TEAM_PARTIC: Remove the BOB team name information as NOC name applies DT_RESULT: Add PROTESTED in Header Values ResultStatus & Trigger DT_RESULT: Update triggering for PROTESTED and INTERMEDIATE DT_RESULT: Update Code at PROGRESS/LEGx to PROGRESS/SC @Leg @Result /ExtendedResults /ExtendedResult DT_RESULT: Update Value at ER/LEG to SC @Leg @Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult DT_RESULT: Update Value at ER/LEG to SC @Leg @Result /Competitor /Composition /Team /ExtendedResults /ExtendedResult DT_CURRENT: Update Code at PROGRESS/LEGx to PROGRESS/SC @Leg @Result /ExtendedResults /ExtendedResult DT_CUMULATIVE_RESULT: Add ResultsStatus START_LIST DT_CUMULATIVE_RESULT: Add SPEED/MAX @Result /ResultItems /ResultItem /Result /ExtendedResults /ExtendedResult DT_CUMULATIVE_RESULT: Delete ER/SPEED @Result /ResultItems /ResultItem /Result /ExtendedResults /ExtendedResult Update SortOrder to be mandatory in all ExtendedResults
V1.4	SFA	DT_PARTIC_TEAM: Add Team/ShortName and Team/TeamType [CR19497] DT_CURRENT: Update triggering for re-started units.
V1.5	APP	Add Section 2.1 DT_CUMULATIVE_RESULT: Update Result /ResultItems /ResultItem /Result /ResultType