



INTERNATIONAL
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SOG-2020-ATH-2.5 APP

Olympic Data Feed



Athletics ODF Data Dictionary

Technology and Information Department
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1 Introduction

1.1 This document

This document includes the ODF Athletics Data Dictionary. This Data Dictionary refines the messages described in the ODF General Messages Interface Document specifically for Athletics.

1.2 Objective

The objective of this document is to provide a complete and formal definition of the ODF Athletics Data Dictionary, with the intention that the information message producer and the message consumer can successfully interchange the information as the Athletics 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 Applicable Messages

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

- 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 extended
DT_SCHEDULE DT_SCHEDULE_UPDATE	/ Competition schedule / Competition schedule update	
DT_PARTIC DT_PARTIC_UPDATE	/ List of participants by discipline / List of participants by discipline update	X
DT_PARTIC_NAME	Participant Names	
DT_PARTIC_TEAMS DT_PARTIC_TEAMS_UPDATE	/ List of teams / List of teams update	X
DT_RESULT	Event Unit Start List and Results	X
DT_RESULT_ANALYSIS	Results Analysis	X
DT_PHASE_RESULT	Phase Results	X
DT_CUMULATIVE_RESULT	Cumulative Results	X
DT_IMAGE	Image	X
DT_PRESSPHOTOFINISH_LK	Press Photofinish	
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
DT_COMMUNICATION	Communication	
DT_WEATHER	Weather conditions	X



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DT_LOCAL_ON	Discipline/venue start transmission	
DT_LOCAL_OFF	Discipline/venue stop transmission	
DT_KA	Keep Alive	

2.2 Messages

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

2.2.1.1 Description

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

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

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

It is important to note that all the sport messages that make references to athletes (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.

2.2.1.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC @Competition	Unique ID for competition
DocumentCode	Full RSC (discipline level)	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.

2.2.1.3 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.

2.2.1.4 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
Bib
Class
Substitute
EventEntry (0,N)
Type
Code
Pos
Value



2.2.1.5 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

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



			(particularly for women changing their name at marriage). Further to be clear, @Parent and @Code can only be different if Current = "false".
Status	O	CC @ParticStatus	Participant's accreditation status this attribute is Mandatory in the case of @Current="true" and it is optional in the case that @Current="false". To delete a participant, a specific value of the Status attribute is used.
GivenName	O	S(25)	Given name in WNPA format (mixed case)
FamilyName	M	S(25)	Family name in WNPA format (mixed case)
PassportGivenName	O	S(25)	Passport Given Name (Uppercase).
PassportFamilyName	O	S(25)	Passport Family Name (Uppercase).
PrintName	M	S(35)	Print name (family name in upper case + given name in mixed case)
PrintInitialName	M	S(18)	Print Initial name (for the given name it is sent just the initial, without dot)
TVName	M	S(35)	TV name
TVInitialName	M	S(18)	TV initial name
TVFamilyName	M	S(25)	TV family name
LocalFamilyName	O	S(25)	Family name in the local language in the appropriate case for the local language (usually mixed case)
LocalGivenName	O	S(25)	Given name in the local language in the appropriate case for the local language (usually mixed case)
Gender	M	CC @PersonGender	Participant's gender
Organisation	M	CC @Organisation	Organisation ID
BirthDate	O	YYYY-MM-DD	Date of birth. This information may not be known at the very beginning, but it will be completed for all participants after successive updates
Height	O	S(3)	Height in centimetres. It will be included if this information is available. This information is not needed in the case of officials/referees. "-" may be used where the data is not available.
Weight	O	S(3)	Weight in kilograms. It will be included if this information is available. This information is not needed in the case of officials/referees. 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
IFId	O	S(16)	IF ID (competitor's federation number for the discipline). Note: Depending on the individual this can be IPC ID or IAAF ID.



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
Bib	O	S(4)	Bib number, to be sent mandatory in all the events though is only available in the UPDATE message. Send only in the Case of Current="true".
Class	O	CC @DisciplineClass	Code to identify the handicap class in the case of events with handicapped athletes (e.g: paralympic games). This attribute is optional because is not used in other type of events without handicapped athletes. Send only in the Case of Current="true".
Substitute	O	S(1)	Send "Y" if substitute else do not send

Element Participant /Discipline /RegisteredEvent /EventEntry (0,N)				
Send if there are specific athlete's event entries.				
Type	Code	Pos	Description	
ENTRY	PB	N/A	Element Expected: Always. This information can be sent in both messages. Time for track and road events, distance in metres with two decimals for field events and points for combined events.	
	Attribute	M/O	Value	Description
	Value	M	h:mm:ss.ff or h:mm:ss.f or h:mm:ss or Numeric #0.00 (metres) or Numeric #000 (points)	Athlete's personal best. Do not send leading zeros or hours/minutes if 0
ENTRY	PB_SUB	Numeric #0	Pos Description: For Decathlon send 1..10 (event order)	



				For Heptathlon send 1..7 (event order) Element Expected: Only for combined events. This information can be sent in both messages. Time for track, distance in metres with two decimals for field events.
	Attribute	M/O	Value	Description
	Value	M	m:ss.ff or m:ss.f or Numeric #0.00 (metres)	Athlete's personal best in each combined event. Do not send leading zeros or hours/minutes if 0
ENTRY		SB	N/A	Element Expected: Always. This information can be sent in both messages. Time for track and road distance in metres with two decimals for field events and points for combined events.
	Attribute	M/O	Value	Description
	Value	M	h:mm:ss.ff or h:mm:ss.f or h:mm:ss or Numeric #0.00 (metres) or Numeric #000 (points)	Athlete's season best. The time's value and format depends on the event. Do not send leading zeros or hours/minutes if 0
ENTRY		SB_SUB	Numeric #0	Pos Description: For Decathlon send 1..10 (event order) For Heptathlon send 1..7 (event order) Element Expected: Only for combined events. This information can be sent in both messages. Time for track, distance in metres with two decimals for field events.



	Attribute	M/O	Value	Description
	Value	M	m:ss.ff or m:ss.f or Numeric #0.00 (metres)	Athlete's season best in each combined event Do not send leading zeros or hours/minutes if 0
ENTRY		RANK_WLD	N/A	Element Expected: Always
	Attribute	M/O	Value	Description
	Value	M	S(4)	World Ranking
ENTRY		GUIDE	Numeric 0	Pos Description: Send 1 and 2 (2 only if there is a second guide) Element Expected: If applicable
	Attribute	M/O	Value	Description
	Value	M	S(20) with no leading zeroes	ID to identify the person acting of guide in the case of events with guides
ENTRY		QUAL_BEST	N/A	Element Expected: Element Expected: Only for Paralympic Games. Time for track and road events, distance in metres with two decimals for field events.
	Attribute	M/O	Value	Description
	Value	M	h:mm:ss.ff or h:mm:ss.f or h:mm:ss or Numeric #0.00 (metres)	Athlete's qualifying best. Do not send leading zeros or hours/minutes if 0

2.2.1.6 Message Sort

The message is sorted by Participant @Code

2.2.2 List of teams / List of teams update

2.2.2.1 Description

DT_PARTIC_TEAMS contains the list of teams related to the current competition.

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

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

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

2.2.2.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC @Competition	Unique ID for competition
DocumentCode	Full RSC (discipline level)	Full RSC at the discipline level
DocumentType	DT_PARTIC_TEAMS / DT_PARTIC_TEAMS_UPDA TE	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.



2.2.2.3 Trigger and Frequency

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

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

2.2.2.4 Message 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				
	Team (1,N)				
		Code			
		Organisation			
		Number			
		Name			
		TVTeamName			
		Gender			
		Current			
		ModificationIndicator			
		Composition (0,1)			
			Athlete (0,N)		
				Code	
				Order	
		Discipline (0,1)			
			RegisteredEvent (0,1)		
				Event	
				EventEntry (0,N)	
					Type
					Code
					Pos
					Value



2.2.2.5 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) When the Team is an historical one, then this ID starts with "T".
Organisation	M	CC @Organisation	Team organisation's ID
Number	O	Numeric #0	Team's number. If there is not more than one team for one organisation participating in one event, it is 1. Otherwise, it will be incremental, 1 for the first organisation's team, 2 for the second organisation's team, etc. Required in the case of current teams.
Name	M	S(73)	Team's name.
TVTeamName	M	S(21)	Team's TV Name.
Gender	M	CC @DisciplineGender	Discipline 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)
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	O	Numeric	Team member order

Element Team /Discipline (0,1)

Each team is assigned just to one discipline. Discipline is expected unless ModificationIndicator="D"

Attribute	M/O	Value	Description
Code	M	CC @Discipline	Full RSC of the Discipline

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

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

Send if there are specific team's event entries.

Type	Code	Pos	Description
ENTRY	PB	N/A	Element Expected: When available
	Attribute	M/O	Value
	Value	M	m:ss.ff or m:ss.f
	Description		Team's national record Do not send m if zero
ENTRY	SB	N/A	Element Expected: When available
	Attribute	M/O	Value
	Value	M	m:ss.ff or m:ss.f
	Description		Team's season best Do not send m if zero
ENTRY	QUAL_BEST	N/A	Element Expected: Only for Paralympic Games.



	Attribute	M/O	Value	Description
	Value	M	m:ss.ff	Team's qualifying best.

2.2.2.6 Message Sort

The message is sorted by Team @Code.

2.2.3 Event Unit Start List and Results

2.2.3.1 Description

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

The Event Unit Start List and Results is a mandatory message for all sports. The definition includes as much generic information as possible due to the fact that each discipline and event has its own format for the results information (example: score of a match, time in a race, distance in a throw...).

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

2.2.3.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC @Competition	Unique ID for competition
DocumentCode	Full RSC	
DocumentSubcode	Not used in ATH	Not used in ATH
DocumentType	DT_RESULT	Event Unit Start List and Results message
DocumentSubtype	Not used in ATH	Not used in ATH
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: As soon as the start list is known and with any changes / IRMs before the start. LIVE (used during the competition when nothing else applies). INTERMEDIATE (used after the competition has started and is not finished but not currently live) UNOFFICIAL 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.

2.2.3.3 Trigger and Frequency

This message is sent with ResultStatus 'START_LIST' as soon as the expected information is available and any changes to the information:

- As soon as the start list is known and with any changes / IRMs before the start. (START_LIST)
- This message is then sent with ResultStatus 'LIVE' as soon as the unit starts and continues to be triggered on all updates.
- As soon as the competition starts (LIVE)
- After any addition / change in any data (LIVE)

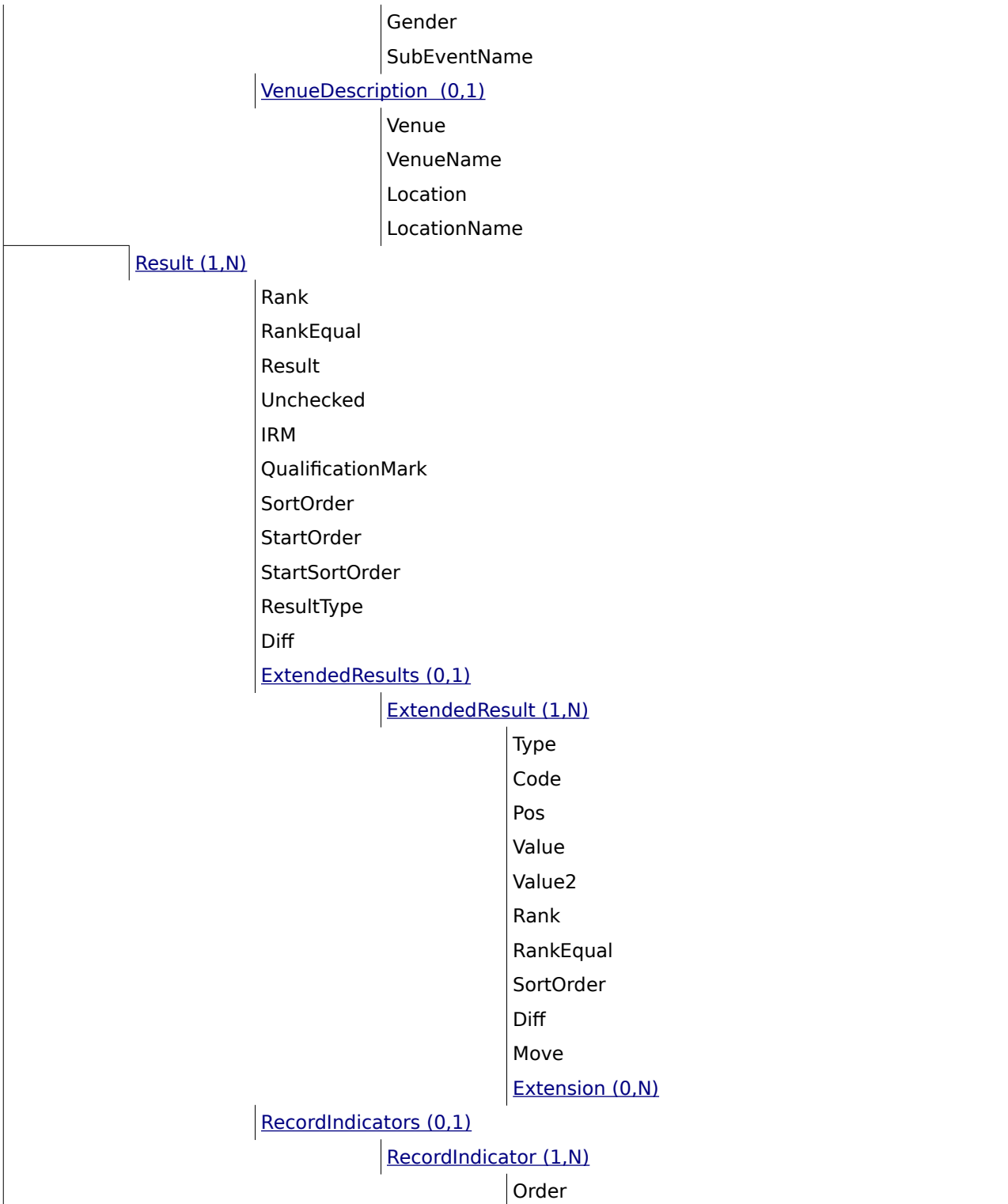
This message is also sent when the event unit finishes and the results are still unofficial. Also, this message is expected when the results become official. The official/unofficial status is included in the ODF headers (ResultStatus attribute). The message is sent as 'INTERMEDIATE' during extended breaks:

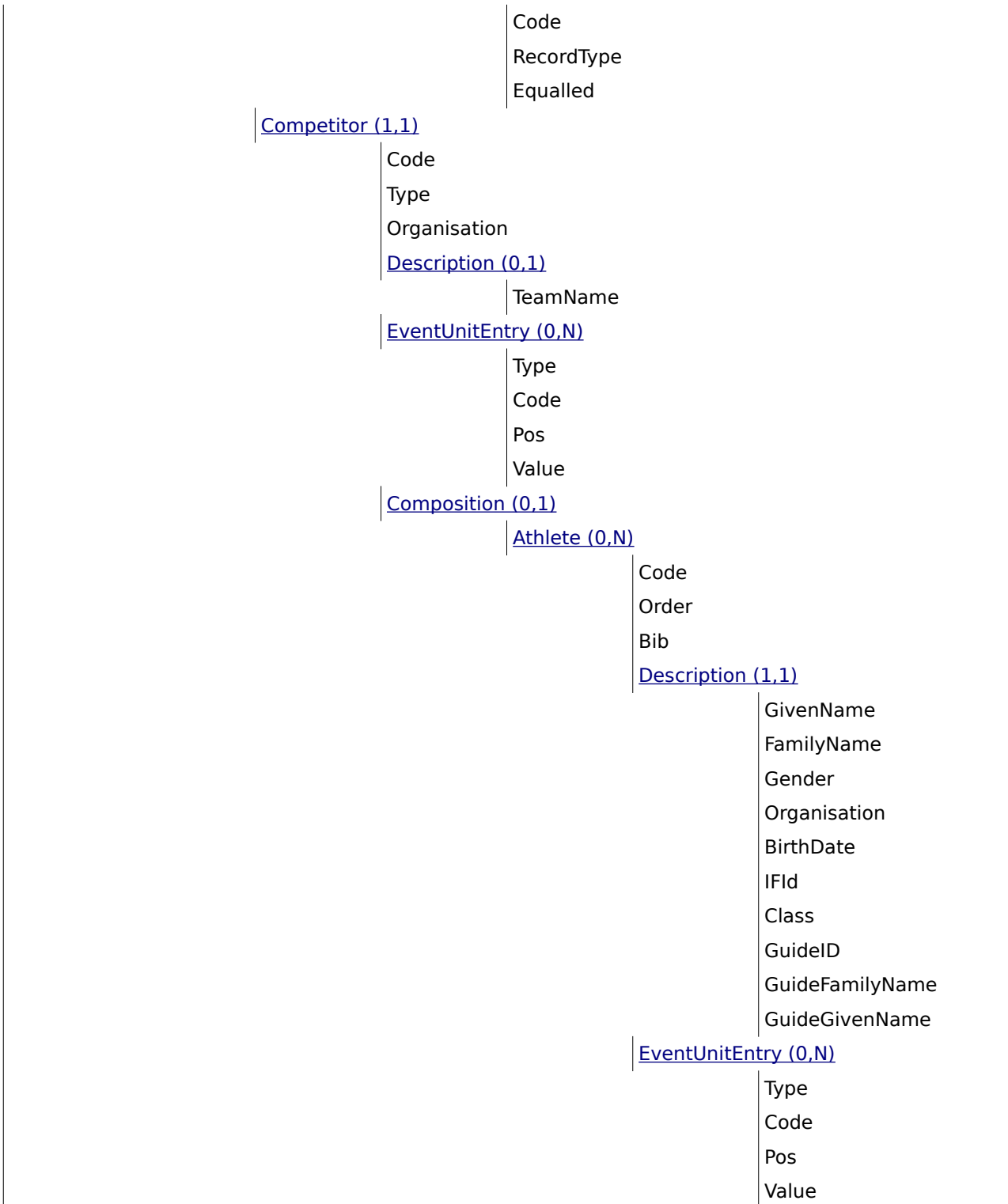
- After the completion of every round / height in field events (INTERMEDIATE)
- After all competitors have finished the unit (UNOFFICIAL / OFFICIAL)

2.2.3.4 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
Competition (0,1)							
	Gen						
	Sport						
	Codes						
	ExtendedInfos (0,1)						
		UnitDateTime (0,1)					
			StartDate				
		ExtendedInfo (0,N)					
			Type				
			Code				
			Pos				
			Value				
			Extension (0,N)				
		SportDescription (0,1)					
			DisciplineName				
			EventName				







		ExtendedResults (0,1)	
		ExtendedResult (1,N)	
		Type	
		Code	
		Pos	
		Value	
		Rank	
		RankEqual	

2.2.3.5 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	O	DateTime	Actual start date-time. Do not include until unit starts.

Element ExtendedInfos /ExtendedInfo (0,N)			
Type	Code	Pos	Description
DISPLAY	CURRENT	Numeric #0	Pos Description: Send the intermediate point for this competitor Element Expected: Just for horizontal jumps, vertical jumps and throws event units. When LIVE for competitor about to attempt or currently attempting
Attribute	M/O	Value	Description
Value	M	S(20) no leading zeros	Send the ID for the current competitor



DISPLAY	CURRENT_2	Numeric #0	Pos Description: Send the intermediate point for this competitor Element Expected: Only for throws event units. When LIVE for competitor about to attempt or currently attempting (only when there are 2 current competitors in the same unit)	
	Attribute	M/O	Value	Description
	Value	M	S(20) no leading zeros	Send the ID for the current competitor
DISPLAY	INTERMEDIATE_ATT EMPT_CURRENT	N/A	Element Expected: Just for vertical jumps	
	Attribute	M/O	Value	Description
	Value	M	Numeric 0	1..3 Number of attempt within current jumping height
DISPLAY	INTERMEDIATE_CUR RENT	N/A	Element Expected: All track/road events without blocks	
	Attribute	M/O	Value	Description
	Value	M	Numeric #0 or F	Number of current intermediate Send F as soon as the first athlete crosses the finish
DISPLAY	LAST_COMP	Numeric #0	Pos Description: Send the intermediate point for this competitor Element Expected: When LIVE or UNOFFICIAL for last updated competitor	
	Attribute	M/O	Value	Description
	Value	M	S(20)	Send the ID for the last finished competitor or for the last competitor whose time or distance was measured
DISPLAY	LAST_COMP_2	Numeric #0	Pos Description: Send the intermediate point for this competitor	



				Element Expected: Only for throws events. When LIVE or UNOFFICIAL for last updated competitor (only when there are 2 current competitors in the same unit)
	Attribute	M/O	Value	Description
	Value	M	S(20)	Send the ID for the last finished competitor or for the last competitor whose time or distance was measured
UI		INTERMEDIATE	Numeric #0	Pos Description: Send the intermediate point number, from 1 to n @Pos from 1 to n In vertical jumping 1 for the 1st Jumping height, 2 for the 2nd Jumping height and so on. For running/walking events over 400m send 1 to n for the total number of intermediate points (including finish) Element Expected: Just for vertical jumping events, road events and track events over 400 metres.
	Attribute	M/O	Value	Description
	Value	M	Numeric #0.00 Or S(n) Or ####0	For @Value: For vertical jumps send the Jumping height with two decimals. For track events send distance in metres from the start of the race up to the point: - For 800m: 400 and Finish - For 1500m: 400, 800, 1200 and Finish - For 3000m Steeplechase: 1000, 2000 and Finish - For 5000m: 1000, 2000, 3000, 4000 and Finish - For 10000m: 1000, 2000, 3000, 4000, 5000, 6000, 7000, 8000, 9000 and Finish For road events distance in



			kilometres or text from the start of the race up to the point: - For 20km Race Walk: 2, 4, 6, 8, 10, 12,14,16, 18 and Finish - For 50km Race Walk: 5,10,15, 20, 25, 30, 35, 40, 45 and Finish - For Marathon: 5, 10, 15, 20, Half, 25, 30, 35, 40 and Finish	
Sub Element ExtendedInfos /ExtendedInfo /Extension Expected When it is available for each intermediate point (not finish) in track events over 400m and road events.				
Attribute	Value	Description		
Code	TIME			
Pos	N/A			
Value	h:mm:ss.ff or m:ss.f	Time of the leader at this intermediate point (excluding finish point) Do not send leading zeros or hours/minutes if 0		
Sub Element ExtendedInfos /ExtendedInfo /Extension Expected Just for individual track events over 400m and road events (not at finish)				
Attribute	Value	Description		
Code	LEADER			
Pos	N/A			
Value	S(20) with no leading zeros	Identifier of the leader at this intermediate point (excluding finish point)		
Sub Element ExtendedInfos /ExtendedInfo /Extension Expected Just for track events over 2000m				
Attribute	Value	Description		
Code	TIME_LAST_KM			
Pos	N/A			
Value	m:ss.ff	Time of last km		
UI	INTERMEDIATES_T TAL	N/A	Element Expected: Just for field events, track events over 400m and road events	
	Attribute	M/O	Value	Description
	Value	M	Numeric #0	Send the total number of intermediate points (in track and road events includes finish)
UI	LAST_LAP	N/A	Element Expected: Just applies to individual track events over 400m, i.e.: 800m, 1500m, 3000m Steeplechase, 5000m and 10000m.	



	Attribute	M/O	Value	Description
	Value	M	m:ss.ff	Time for the immediately previous 400 metres from the finish line. This time is calculated by the difference between the leader at the current time (at the finish line) and the leader on the previous lap. In the 1500m event the last laps are: 0-400m then 400m-800m then 800m-1200m and lastly 1100m-1500m. Do not send leading zeros or hours/minutes if 0
UI		QUAL_BP	Numeric 0	Pos Description: 1 to indicate necessary qualifying performance to pass to the next round 2 to indicate the number of best performers that at least will qualify for the next round Element Expected: Just for field events
	Attribute	M/O	Value	Description
	Value	M	Numeric ####0 or Numeric #0.00 (qualifying performance)	Send the qualifying performance or the minimum number of best performers that will qualify for the next round
UI		QUAL_BT	N/A	Element Expected: Just for track events
	Attribute	M/O	Value	Description
	Value	M	Numeric ####0	Send number of qualifiers based on best time
UI		QUAL_RANK	Numeric 0	Pos Description: 1 to indicate first rank 2 to indicate last rank Element Expected: Just for track events
	Attribute	M/O	Value	Description



	Value	M	Numeric ####0	Send the qualifying rank
UI		QUAL_RULE	N/A	Element Expected: If it applies
	Attribute	M/O	Value	Description
	Value	M	S(n)	Text with the Qualification Rule
UI		SCORING_RESULT	Numeric	Pos Description: Send the scoring number, from 1 to n to order the points @Pos 1 corresponds to the best result Element Expected: Just for combined event units
	Attribute	M/O	Value	Description
	Value	M	m:ss.ff or Numeric #0.00	Send the performance needed for the points Send the scoring result. (to fill possible points as in ORIS). Do not send leading zeros or hours/minutes if 0
Sub Element ExtendedInfos /ExtendedInfo /Extension Expected Just for combined event units				
	Attribute	Value	Description	
	Code	POINTS		
	Pos	N/A		
	Value	Numeric ####0	Send the scoring points for this performance	
UI		WIND_SPEED	N/A	Element Expected: Only applies to track event units up to 200m (including with hurdles and combined events)
	Attribute	M/O	Value	Description
	Value	M	+/-Numeric +/-#0.0	Wind in metres per second

Sample (100m)



```
<ExtendedInfos>
  <UnitDateTime StartDate="2012-08-05T21:50:00+01:00" />
  <ExtendedInfo Type="UI" Code="WIND_SPEED" Value="+1.5" />
  <ExtendedInfo Type="UI" Code="QUAL_RULE" Value="First 2 in each heat (Q) and the next 2 fastest
(q) advance to Semifinals" />
  <ExtendedInfo Type="UI" Code="QUAL_RANK" Pos="1" Value="1" />
  <ExtendedInfo Type="UI" Code="QUAL_RANK" Pos="2" Value="2" />
  <ExtendedInfo Type="UI" Code="QUAL_BT" Value="2" />
</ExtendedInfos>
```

Sample (High Jump)

```
....
<ExtendedInfos>
  <UnitDateTime StartDate="2012-08-07T19:00:00+01:00" />
  <ExtendedInfo Type="UI" Code="INTERMEDIATE" Pos="1" Value="2.20" />
  <ExtendedInfo Type="UI" Code="INTERMEDIATE" Pos="2" Value="2.25" />
  <ExtendedInfo Type="UI" Code="INTERMEDIATE" Pos="3" Value="2.29" />
  <ExtendedInfo Type="UI" Code="INTERMEDIATE" Pos="4" Value="2.33" />
  <ExtendedInfo Type="UI" Code="INTERMEDIATE" Pos="5" Value="2.36" />
  <ExtendedInfo Type="UI" Code="INTERMEDIATE" Pos="6" Value="2.38" />
  <ExtendedInfo Type="UI" Code="INTERMEDIATE" Pos="7" Value="2.40" />
....
  <ExtendedInfo Type="UI" Code="INTERMEDIATES_TOTAL" Value="11" />
  <ExtendedInfo Type="UI" Code="QUAL_RULE" Value="Qualifying performance 2.32 (Q) or at least
12 best performens (q) advance to the Final" />
  <ExtendedInfo Type="UI" Code="QUAL_BP" Pos="1" Value="2.32" />
  <ExtendedInfo Type="UI" Code="QUAL_BP" Pos="2" Value="12" />
</ExtendedInfos>
```

Element ExtendedInfos /SportDescription (0,1)

Sport Descriptions in Text.

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

Element ExtendedInfos /VenueDescription (0,1)

Venue Names in Text.

Attribute	M/O	Value	Description
Venue	M	CC @VenueCode	Venue Code



VenueName	M	S(25)	Venue short name (not code) from Common Codes
Location	M	CC @Location	Location code
LocationName	M	S(30)	Location short name (not code) from Common Codes

Element 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	Text	Rank of the competitor in the corresponding event unit.
RankEqual	O	S(1)	Identifies if a rank has been equalled. Send Y if applicable
Result	O	h:mm:ss.ff or h:mm:ss or Numeric #0.00 (metres)	The result of the competitor in the event unit. Send just in the case @ResultType is Time, Distance or Points For distance: in metres Do not send leading zeros or hours/minutes if 0
Unchecked	O	S(1)	Send "Y" if time is a transponder time or similar and needs to be validated by reading photo. Do not send unless applicable.
IRM	O	SC @IRM	IRM for the particular unit. Send just in the case @ResultType is IRM.
QualificationMark	O	SC @QualificationMark	Indicates the qualification of the competitor for the next round of the competition
SortOrder	M	Numeric	Used to sort all the results of an event unit Before the start of any event unit this will be the same as the StartSortOrder and is used as the primary sort except in the case where a Rank is available (from earlier event units) and in this case the SortOrder will consider Rank in the same way as if the competition had already started. During the event unit any sort order change from the initial start list order for any competitor will be provided in this attribute regardless the competitor is ranked or not.
StartOrder	O	Numeric	Lane or Competitor's start order.
StartSortOrder	M	Numeric	Used to sort all start list competitors in an event unit, according to the sport rules.
ResultType	O	SC @ResultType	Type of the @Result attribute. Result type, either time, distance, points or IRM



			for the corresponding event unit.
Diff	0	+/- h:mm:ss or +/- mm:ss or +/- m:ss	Display the time / value behind the leader. Fill when applicable, negative for in front of leader, positive for behind. For example +1:45 means 1:45 behind the leader, -1:23 means -1:23 sec in front of (better than) the leader. Do not send any value for the leader. Only for Road event units (time): Marathon, 20km Race Walk and 50km Race Walk. Only send h if non-zero.

Element Result /ExtendedResults /ExtendedResult (1,N)				
Type		Code	Pos	Description
ER		FALSE_START	N/A	Element Expected: If applicable
	Attribute	M/O	Value	Description
	Value	M	S(n)	False start indication, e.g., "F1" or "F2"
ER		LAST_FALSE_START	N/A	Element Expected: Only in track events if applicable
	Attribute	M/O	Value	Description
	Value	M	S(1)	Send Y if the competitor made a false start at the previous start attempt, otherwise do not send
ER		MS	N/A	Element Expected: Only in track events where athletes receive the same time.
	Attribute	M/O	Value	Description
	Value	M	S(4)	Send the time value in m/s, for example .123
ER		INTERMEDIATE	Numeric 0	Pos Description: Number of the intermediate point from 1 to n Number of intermediate point or jumping height from 1 to n according to the INTERMEDIATE element or number of attempt. In the case of relays, this is the leg number. Element Expected: Just for road races (walks and marathon) relays and field events.



Attribute	M/O	Value	Description
Value	M	m:ss.ff or h:mm:ss or Numeric #0.00 or S(n)	Time result from the start of the race up to this intermediate point or Attempt mark in metres with 2 decimals digits or "-" (if pass) or "x" (if failure) or "r" (if retired) or Height attempt marks like 'o' (if clearance), '-' (if pass) or "xxx" (if three failures) or "r" (if retired). Do not send leading zeros or hours/minutes if 0 The time at the finish MUST be the same value as at Result/Result for this competitor. If the transponder time is sent then it must be replaced by the official time when available.
Value2	O	h:mm:ss	For road events only. Send the time from the previous intermediate point (or start for first intermediate) to this one(section time). Do not send leading zeros or hours/minutes if 0.
Rank	O	Text	Send the rank of athlete at this intermediate point (cumulative). Not included for field events.
RankEqual	O	Y	Send Y where Rank at this specific ExtendResult is equalled else not sent.
SortOrder	O	Numeric	Is the order of all competitors at the intermediate considering also those without rank. Not included for field events.
Diff	O	Time	The cumulative time behind from the leader at this intermediate. Format +m:ss.ff or +h:mm:ss or +mm:ss or +m:ss. Do not send for leader. Not included for field events.
Move	O	Numeric ##0 or -##0	Change in rank compared to the previous Intermediate Point. For example if one competitor is moving from rank =9 to rank = 15 then Move is -6. All road events. Send 0 for no change.
Sub Element Result /ExtendedResults /ExtendedResult /Extension Expected Only for horizontal jumps and throws event unit			



Attribute	Value	Description
Code	AFTER_ATTEMPT_BEST	
Pos	N/A	
Value	Numeric #0.00	Best mark after the attempt
Sub Element Result /ExtendedResults /ExtendedResult /Extension Expected Only for vertical jumps		
Attribute	Value	Description
Code	AFTER_ATTEMPT_RANK	
Pos	Numeric 0	Send the attempt number: 1..3.
Value	Text	Athlete's rank after the athletes' @Pos (from 1st to 3rd) attempt at this height
Sub Element Result /ExtendedResults /ExtendedResult /Extension Expected Only for vertical jumps		
Attribute	Value	Description
Code	AFTER_ATTEMPT_ERANK	
Pos	Numeric 0	Send the attempt number: 1..3.
Value	S(1)	Send Y in case of the AFTER_ATTEMPT_RANK is an equalled rank else do not send
Sub Element Result /ExtendedResults /ExtendedResult /Extension Expected Only for field events		
Attribute	Value	Description
Code	AFTER_INTERMEDIATE_RANK	
Pos	N/A	
Value	Text	Rank after all athletes finished this attempt
Sub Element Result /ExtendedResults /ExtendedResult /Extension Expected Only for field events		
Attribute	Value	Description
Code	AFTER_INTERMEDIATE_ERANK	
Pos	N/A	
Value	S(1)	Send Y in case of the AFTER_INTERMEDIATE_RANK is an equalled rank else do not send
Sub Element Result /ExtendedResults /ExtendedResult /Extension Expected Only for field events		



Attribute	Value	Description
Code	AFTER_INTERMEDIATE_RECORD	
Pos	Numeric 0	If more than one record send 1, 2.
Value	CC @RecordType	Record code after all athletes finished this attempt
Sub Element Result /ExtendedResults /ExtendedResult /Extension Expected Only for field events		
Attribute	Value	Description
Code	AFTER_INTERMEDIATE_SORT_ORDER	
Pos	N/A	
Value	Numeric #0	Sort order after all athletes finished this attempt
Sub Element Result /ExtendedResults /ExtendedResult /Extension Expected Only for field and road events		
Attribute	Value	Description
Code	INTERMEDIATE_LAST_COMPETITOR	
Pos	N/A	
Value	S(1)	Send Y if this is the intermediate of last attempt of last competitor or the last intermediate crossed by the last competitor who crossed this intermediate
Sub Element Result /ExtendedResults /ExtendedResult /Extension Expected If applicable		
Attribute	Value	Description
Code	RECORD_MARK	
Pos	N/A	
Value	CC @RecordType	Send the record broken at this intermediate point
Sub Element Result /ExtendedResults /ExtendedResult /Extension Expected Horizontal jumps and Javelin if the data is available		
Attribute	Value	Description
Code	RUNWAY_SPEED	
Pos	N/A	
Value	Numeric #0.0	Run-up speed in km/h
Sub Element Result /ExtendedResults /ExtendedResult /Extension Expected Only for triple jump if the data is available		
Attribute	Value	Description
Code	STEP	



	Pos	Numeric 0	Send the step number: 1..3 1 for Hop, 2 for Step and 3 for Jump	
	Value	Numeric #0.00	Length in metres for the @Pos step	
Sub Element Result /ExtendedResults /ExtendedResult /Extension Expected Only for horizontal jumps				
	Attribute	Value	Description	
	Code	WIND_SPEED		
	Pos	N/A		
	Value	+/-Numeric +/-#0.0	Wind during the attempt in metres per second	
Sub Element Result /ExtendedResults /ExtendedResult /Extension Expected Only for field events.				
	Attribute	Value	Description	
	Code	AFTER_INTERMEDIA TE_ERĒCORD		
	Pos	Numeric 0	If more than one record send 1, 2..	
	Value	S(1)	Send Y if the AFTER_INTERMEDIATE_RECORD is equalled.	
ER		IRM_INTERMEDIATE	N/A	Element Expected: If applicable
	Attribute	M/O	Value	Description
	Value	M	Numeric #0	Intermediate in which the athlete received the IRM value
ER		REACT_TIME	N/A	Element Expected: For events starting with blocks (up to and including 400m inc. all relays)
	Attribute	M/O	Value	Description
	Value	M	s.fff	Reaction time of the competitor
ER		REACT_TIME_GUIDE	N/A	Element Expected: In para-athletics events using blocks where the competitor has a guide.
	Attribute	M/O	Value	Description
	Value	M	s.fff	Reaction time of the competitor's guide
ER		WARNINGS	N/A	Element Expected: Only for walking events and if applicable.



	Attribute	M/O	Value	Description
	Value	M	SC @Warning	Concatenation (maximum 4) of warnings.
ER		PHOTO	N/A	Element Expected: If applicable for track and road events.
	Attribute	M/O	Value	Description
	Value	M	S(1)	Send the Photo Finish status: Y in case of evaluated P in case of Pending else do not send If PHOTO is sent as pending then those pending competitors will not have rank but will still be sorted in the correct place (as well as is known). For example: Rank = 1,2,,,5,6,7... and SortOrder = 1,2,3,4,5,6,7
ER		ORDER_CURRENT	N/A	Element Expected: Only for horizontal jumps and throws
	Attribute	M/O	Value	Description
	Value	M	Numeric #0	Current participation order of the athlete. Initially it is the event start order and is updated depending on applied rules. (usually after third attempt and possibility after fifth attempt).
ER		ORDER_FINAL	Numeric 0	Pos Description: Send 3 or 5 for the order after 3rd or 5th attempt if applicable. Element Expected: Only for horizontal jumps and throws
	Attribute	M/O	Value	Description
	Value	M	Numeric #0	Starting order of the athlete after @Pos attempt
ER		BEST_ATTEMPT_NUM	N/A	Element Expected: Only for horizontal jumps and throws
	Attribute	M/O	Value	Description



	Value	M	Numeric 0	Best attempt number
ER		IN_COMP	N/A	Element Expected: Only for vertical jumps (HJ and PV). Whenever known or changed
	Attribute	M/O	Value	Description
	Value	M	S(1)	Send Y if the athlete is still in competition, N otherwise.
ER		PTS	N/A	Element Expected: Only in combined events
	Attribute	M/O	Value	Description
	Value	M	Numeric ###0	Points at the event unit
ER		RULE	N/A	Element Expected: If applicable in case of disqualification or other requirement.
	Attribute	M/O	Value	Description
	Value	M	Text	Rule reference
ER		WIND_SPEED	N/A	Element Expected: Track up to 200m and horizontal jumps
	Attribute	M/O	Value	Description
	Value	M	+/-Numeric +/-#0.0	Wind in metres per second: at the event unit for track events and the best attempt mark for horizontal jumps.
ER		WINDY	N/A	Element Expected: Only is applicable for track up to 200m and horizontal jumps.
	Attribute	M/O	Value	Description
	Value	M	S(1)	Send Y in case the performance of the competitor was achieved with assisting wind in excess of 2.0 m/s and, as a consequence, it cannot be recognized as a record. In horizontal jumps send O (Other) if the best attempt is greater than 2.0 but there is another attempt which is legal and exceeds the former record.



ER		RC	N/A	Element Expected: If applicable
	Attribute	M/O	Value	Description
	Value	M	Y	Send Y, if the competitor has a red card for behaviour in this unit (not second yellow).
ER		YC	N/A	Element Expected: If applicable
	Attribute	M/O	Value	Description
	Value	M	Y	Send Y, if the competitor has a yellow card for behaviour in this unit or previous else do not send.
ER		YRC	N/A	Element Expected: If applicable
	Attribute	M/O	Value	Description
	Value	M	Y	Send Y, if the competitor has a second yellow card for behaviour in this unit.

Sample (High Jump)

```
<Result Rank="2" ResultType="DISTANCE" Result="2.33" SortOrder="2" StartOrder="7"
StartSortOrder="7">
  <ExtendedResults>
    <ExtendedResult Type="ER" Code="INTERMEDIATE" Pos="1" Value="-" />
    <ExtendedResult Type="ER" Code="INTERMEDIATE" Pos="2" Value="xo" />
    <ExtendedResult Type="ER" Code="INTERMEDIATE" Pos="3" Value="o" />
    <ExtendedResult Type="ER" Code="INTERMEDIATE" Pos="4" Value="o" />
    <ExtendedResult Type="ER" Code="INTERMEDIATE" Pos="5" Value="x-" />
    <ExtendedResult Type="ER" Code="INTERMEDIATE" Pos="6" Value="xx" />
  </ExtendedResults>
```

Sample (Throwing Event)



```
<Result Rank="1" ResultType="DISTANCE" Result="68.27" SortOrder="1" StartOrder="5"
StartSortOrder="5">
  <ExtendedResults>
    <ExtendedResult Type="ER" Code="INTERMEDIATE" Pos="1" Value="67.79" />
    <ExtendedResult Type="ER" Code="INTERMEDIATE" Pos="2" Value="x" />
    ....
    <ExtendedResult Type="ER" Code="INTERMEDIATE" Pos="6" Value="67.08" />
    <ExtendedResult Type="ER" Code="ORDER_CURRENT" Value="7" />
    <ExtendedResult Type="ER" Code="ORDER_FINAL" Pos="3" Value="7" />
    <ExtendedResult Type="ER" Code="ORDER_FINAL" Pos="5" Value="7" />
    <ExtendedResult Type="ER" Code="BEST_ATTEMPT_NUM" Value="5" />
  </ExtendedResults>
```

Sample (Track Event)

```
<Result Rank="1" ResultType="TIME" Result="9.63" SortOrder="1" StartOrder="7"
StartSortOrder="6">
  <ExtendedResults>
    <ExtendedResult Type="ER" Code="REACT_TIME" Value="0.165" />
    <ExtendedResult Type="ER" Code="WIND_SPEED" Value="+1.5" />
  </ExtendedResults>
```

Sample (Road Event)

```
<Result Rank="1" ResultType="TIME" Result="2:08:01" StartOrder="45" StartSortOrder="45"
SortOrder="1">
  <ExtendedResults>
    <ExtendedResult Type="ER" Code="INTERMEDIATE" Pos="1" Value="15:23" Value2="15:23"
Rank="4" SortOrder="4" Diff="+0:06" />
    </ExtendedResult>
    <ExtendedResult Type="ER" Code="INTERMEDIATE" Pos="2" Value="30:46" Value2="15:23"
Rank="6" SortOrder="6" Move="-2" Diff="+0:08" />
    ....
    <ExtendedResult Type="ER" Code="INTERMEDIATE" Pos="10" Value="2:08:01" Value2="15:08"
Rank="1" SortOrder="1" Move="3" />
    </ExtendedResult>
  </ExtendedResults>
```

Element Result /RecordIndicators /RecordIndicator (1,N)

Result's record indicator.

Attribute	M/O	Value	Description
Order	M	Numeric	The hierarchy (priority) for types of record from 1 to n. (Can use the Order column from CC @RecordType for reference).
Code	M	CC @RecordCode	Code which describes the record broken by the result value.



RecordType	M	CC @RecordType	Code which specifies the level at which the record is broken.
Equalled	O	S(1)	Send "Y" in the case that the record has been equalled else do not send.

Element Result /Competitor (1,1)

Competitor related to the result of one event unit.

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

Element Result /Competitor /Description (0,1)

Used in Team events only

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

Element Result /Competitor /EventUnitEntry (0,N)

Only for relay event units

Type	Code	Pos	Description
EUE	NR	N/A	Element Expected: When available in relays
	Attribute	M/O	Value
	Value	M	m:ss.ff or m:ss.f
	Description		Team's national record performance. Do not send leading zeros or minutes if 0
EUE	SB	N/A	Element Expected: When available in relays
	Attribute	M/O	Value
	Value	M	m:ss.ff or m:ss.f
	Description		Team's season best. Do not send leading zeros or minutes if 0.

Sample (EventUnitEntry)



```
<Competitor Code="ATHM4X100M--AUT01" Type="T" Organisation="AUT">
<Description ...>
<EventUnitEntry Type="EUE" Code="SB" Pos="1" Value="38.76" />
<EventUnitEntry Type="EUE" Code="NR" Pos="1" Value="37.58" />
```

Element Result /Competitor /Composition /Athlete (0,N)			
Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Athlete's ID. Can belong to a team member or an individual athlete.
Order	M	Numeric 0	1 if Competitor @Type="A". 1-4 for relay event (running order)
Bib	O	S(4)	Bib number

Element Result /Competitor /Composition /Athlete /Description (1,1)			
Athletes extended information.			
Attribute	M/O	Value	Description
GivenName	O	S(25)	Given name in WNPA format (mixed case)
FamilyName	M	S(25)	Family name in WNPA format (mixed case)
Gender	M	CC @PersonGender	Gender of the athlete
Organisation	M	CC @Organisation	Athletes' organisation
BirthDate	O	Date	Birth date (example: YYYY-MM-DD). Must include if the data is available
IFId	O	S(16)	International Federation ID
Class	O	CC @DisciplineClass	Code to identify the sport class in the case of events with athletes with a disability (e.g: Paralympic Games). This attribute is optional because it is not used in events without such athletes.
GuideID	O	S(20) without leading zeros	ID of the Guide, used for some athletes with a disability (e.g: Paralympic Games).
GuideFamilyName	O	S(25)	Family Name of the athlete's guide (mixed case). Used for some athletes with a disability (e.g: Paralympic Games).
GuideGivenName	O	S(25)	Given Name of the athlete's guide (mixed case). Used for some athletes with a disability (e.g: Paralympic Games).

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



For all event units except for relays				
Type	Code	Pos	Description	
EUE	RANK_BEFORE	N/A	Element Expected: As soon as the rank before the current unit are known in combined events	
	Attribute	M/O	Value	Description
	Value	M	Numeric	Rank in Combined Event before the this event unit
EUE	ERANK_BEFORE	N/A	Element Expected: As soon as the rank before the current unit is known in combined events and the rank is equaled	
	Attribute	M/O	Value	Description
	Value	M	Y	Identifies if the RANK_BEFORE in Combined Event is equalled. Only send if applicable
EUE	PTS_BEFORE	N/A	Element Expected: As soon as the points before the current unit are known in combined events	
	Attribute	M/O	Value	Description
	Value	M	Numeric ###0	Points achieved in Combined Event before the this event unit
EUE	PTS_BEFORE_BEHIND	N/A	Element Expected: As soon as the points behind before the current unit are known in combined events	
	Attribute	M/O	Value	Description
	Value	M	Numeric ###0	Points behind leader in Combined Event before the this event unit
EUE	PB	N/A	Element Expected: Always when available	
	Attribute	M/O	Value	Description
	Value	M	h:mm:ss.ff or h:mm:ss or blank or Numeric	Athlete's personal best Do not send leading zeros or hours/minutes if 0



			#0.00 (metres)	
EUE		SB	N/A	Element Expected: Always when available
	Attribute	M/O	Value	Description
	Value	M	h:mm:ss.ff or h:mm:ss or blank or Numeric #0.00 (metres)	Athlete's season best Do not send leading zeros or minutes if 0
EUE		RANK_WLD	N/A	Element Expected: Always when available
	Attribute	M/O	Value	Description
	Value	M	S(4)	Athlete's world ranking

Sample (EventUnitEntry)

```
<Competitor Code="1016762" Type="A" Organisation="SUI">
  <Composition>
    <Athlete Code="1016762" Order="1">
      <Description GivenName="John" FamilyName="Smith" Gender="M" Organisation="SUI"
      BirthDate="1995-12-15" />
      <EventUnitEntry Type="EUE" Code="SB" Value="2.31" />
      <EventUnitEntry Type="EUE" Code="PB" Value="2.31" />
    </Athlete>
  </Composition>
</Competitor>
```

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

Only for team member in relay

Type	Code	Pos	Description
ER	LEG_SPLIT	N/A	Element Expected: Just for 4x400m Relay.
	Attribute	M/O	Value
	Value	M	m:ss.ff or m:ss.f
	Rank	O	Text
	RankEqual	O	Y



				ExtendResult is equalled else not sent.
ER		FALSE_START	N/A	Element Expected: If applicable for the first athlete in a relay
	Attribute	M/O	Value	Description
	Value	M	S(n)	False start indication, e.g., "F1" or "F2"
ER		LAST_FALSE_START	N/A	Element Expected: If applicable for the first athlete in a relay
	Attribute	M/O	Value	Description
	Value	M	S(1)	Send Y if the competitor made a false start at the previous start attempt, otherwise do not send
ER		REACT_TIME	N/A	Element Expected: For events starting with blocks for the first athlete in a relay
	Attribute	M/O	Value	Description
	Value	M	s.fff	Reaction time of the competitor
ER		REACT_TIME_GUIDE	N/A	Element Expected: In para-athletics relays using blocks where the first athlete has a guide.
	Attribute	M/O	Value	Description
	Value	M	s.fff	Reaction time of the competitor's guide

2.2.3.6 Message Sort

Sort by Result @SortOrder

2.2.4 Results Analysis

2.2.4.1 Description

The Results Analysis is a message containing additional information for the start list and/or results.

In the case of athletics it provides the splits at a higher frequency.

This message is only used in track events over 400 metres and where transponders are carried by all athletes.

2.2.4.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC @Competition	Unique ID for competition
DocumentCode	Full RSC	Full RSC of the Unit
DocumentType	DT_RESULT_ANALYSIS	Event Unit Result Analysis message
DocumentSubtype	FULL PARTIAL	FULL is used for send all intermediates (every 100m) PARTIAL is used for lap/1000m intermediates.
Version	1..V	Version number associated to the message's content. Ascendant number
ResultStatus	SC @ResultStatus	Use the same status as DT_RESULT
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.

2.2.4.3 Trigger and Frequency

There are two different messages (as defined by DocumentSubtype)

FULL: Send only after the unit is official.

PARTIAL: Send according to the triggering below.

Send with ResultStatus 'LIVE' as soon as the unit starts and continues to be triggered on all updates with the condition that the message is never sent more frequently than 2 seconds



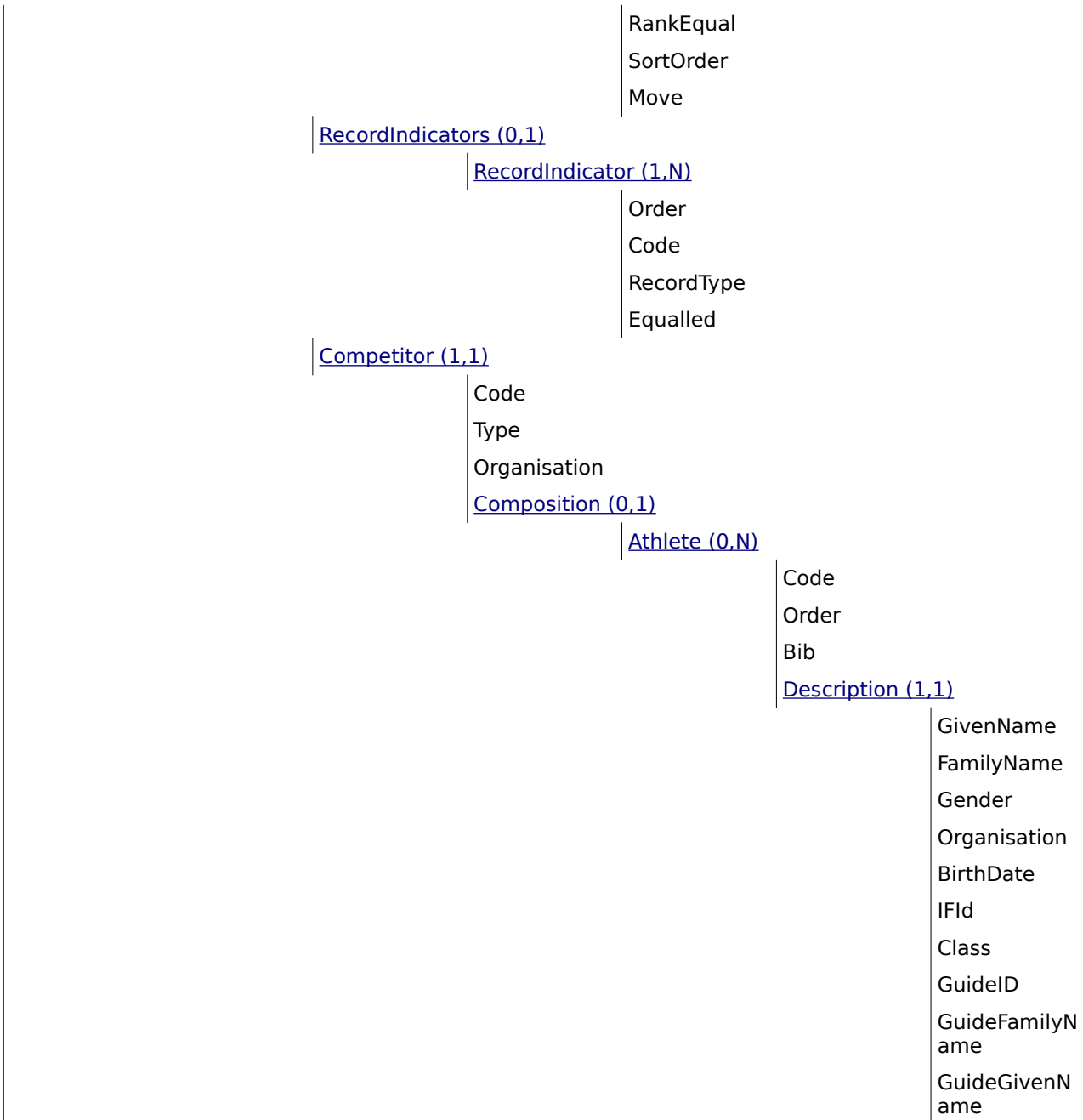
apart.

This message is also sent when the event unit finishes and the results are OFFICIAL.

2.2.4.4 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
Competition (0,1)						
	Gen					
	Sport					
	Codes					
	ExtendedInfos (0,1)					
		UnitDateTime (0,1)				
			StartDate			
		ExtendedInfo (0,N)				
			Type			
			Code			
			Pos			
			Value			
	Result (1,N)					
		Rank				
		RankEqual				
		Result				
		Unchecked				
		IRM				
		SortOrder				
		StartOrder				
		StartSortOrder				
		ResultType				
		ExtendedResults (0,1)				
			ExtendedResult (1,N)			
				Type		
				Code		
				Pos		
				Value		
				Value2		
				Rank		



2.2.4.5 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 /UnitDateTime (0,1)

Actual start and/or end dates and times.

Attribute	M/O	Value	Description
StartDate	O	DateTime	Actual start date-time. Do not include until unit starts.

Element ExtendedInfos /ExtendedInfo (0,N)

Type	Code	Pos	Description
DISPLAY	INTERMEDIATE_CURRENT	N/A	Element Expected: All track/road events without blocks. Only send when LIVE or UNOFFICIAL.
	Attribute	M/O	Value
	Value	M	Numeric #0 or F
UI	INTERMEDIATES	N/A	Element Expected: Send just for track events over 400m
	Attribute	M/O	Value
	Value	M	Numeric #0
UI	INTERMEDIATE	Numeric #0	Pos Description: Send the intermediate point number, from 1 to n Element Expected:



Attribute	M/O	Value	Description
Value	M	S(6)	Send just for track events over 400m For FULL message: Distance in metres from the start of the race up to the point, "FINISH" for last point, every 100m. For PARTIAL message: For track events send distance in metres from the start of the race up to the point: - 800m: 400 and Finish - 1500m: 400, 800, 1200 and Finish - 3000m St: 1000, 2000 & Finish - 5000m: 1000, 2000, 3000, 4000 & Finish - 10000m: 1000, 2000, 3000, 4000, 5000, 6000, 7000, 8000, 9000 and Finish

Element Result (1,N)

For each Event Unit Results message, there must be at least one competitor being awarded with a result element in the event unit.

Attribute	M/O	Value	Description
Rank	O	Text	Rank of the competitor in the corresponding event unit.
RankEqual	O	S(1)	Identifies if a rank has been equalled. Send Y if applicable
Result	O	h:mm:ss.ff	The result of the competitor in the event unit. Send just in the case @ResultType is Time. Do not send leading zeros or hours/minutes if 0
Unchecked	O	Y	Send "Y" if time is a transponder time or similar and needs to be validated by reading photo. Do not send unless applicable.
IRM	O	SC @IRM	IRM for the particular unit. Send just in the case @ResultType is IRM.
SortOrder	M	Numeric	Used to sort all the results of an event unit Before the start of any event unit this will be the same as the StartSortOrder and is used as the primary sort except in the case where a Rank is available (from earlier event units) and in this case the SortOrder will consider Rank in the same way as if the competition had already started. During the event unit any sort order change from



			the initial start list order for any competitor will be provided in this attribute regardless the competitor is ranked or not.
StartOrder	O	Numeric	Lane or Competitor's start order.
StartSortOrder	M	Numeric	Used to sort all start list competitors in an event unit, according to the sport rules.
ResultType	O	SC @ResultType	Type of the @Result attribute. Result type, either time, distance, points or IRM for the corresponding event unit.

Element Result /ExtendedResults /ExtendedResult (1,N)				
Type	Code	Pos	Description	
ER	INTERMEDIATE	Numeric #0	Pos Description: Number of the intermediate point from 1 to n. Element Expected: Track events over 400m	
	Attribute	M/O	Value	Description
	Value	M	mm:ss.f	Time result from the start of the race up to this intermediate point. Do not send leading zeros or minutes if 0. The time at the finish MUST be the same value as at Result/Result for this competitor. If the transponder time is sent then it must be replaced by the official time when available.
	Value2	O	mm:ss.f	Send the time from the previous intermediate point (or start for first intermediate) to this one(section time). Do not send leading zeros or minutes if 0.
	Rank	O	Text	Send the rank of athlete at this intermediate point (cumulative). Not included for field events.
	RankEqual	O	Y	Send Y where Rank at this specific ExtendResult is equalled else not sent.
	SortOrder	O	Numeric	Is the order of all competitors at the intermediate considering also those without rank. Not included for field events.
	Move	O	Numeric ##0 or -##0	Change in rank compared to the previous Intermediate Point. For example if one competitor is



				moving from rank =9 to rank = 15 then Move is -6.
ER		MS	N/A	Element Expected: Only in track events where athletes receive the same time.
	Attribute	M/O	Value	Description
	Value	M	S(4)	Send the time value in m/s, for example .123

Element Result /RecordIndicators /RecordIndicator (1,N)

Result's record indicator.

Attribute	M/O	Value	Description
Order	M	Numeric	The hierarchy (priority) for types of record from 1 to n. Can use the Order column from CC @RecordType for reference).
Code	M	CC @RecordCode	Code which describes the record broken by the result value.
RecordType	M	CC @RecordType	Code which specifies the level at which the record is broken.
Equalled	O	S(1)	Send "Y" in the case that the record has been equalled else do not send.

Element Result /Competitor (1,1)

Competitor related to the result of one event unit.

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

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

Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Athletes ID. Can belong to a team member or an individual athlete.
Order	M	Numeric 0	1 if Competitor @Type="A".
Bib	O	S(4)	Bib number

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

Athletes extended information.



Attribute	M/O	Value	Description
GivenName	O	S(25)	Given name in WNPA format (mixed case)
FamilyName	M	S(25)	Family name in WNPA format (mixed case)
Gender	M	CC @PersonGender	Gender of the athlete
Organisation	M	CC @Organisation	Athletes' organisation
BirthDate	O	Date	Birth date (example: YYYY-MM-DD). Must include if the data is available
IFId	O	S(16)	International Federation ID
Class	O	CC @DisciplineClass	Code to identify the sport class in the case of events with athletes with a disability (e.g: Paralympic Games). This attribute is optional because it is not used in events without such athletes.
GuideID	O	S(20) without leading zeros	ID of the Guide, used for some athletes with a disability (e.g: Paralympic Games).
GuideFamilyName	O	S(25)	Family Name of the athlete's guide (mixed case). Used for some athletes with a disability (e.g: Paralympic Games).
GuideGivenName	O	S(25)	Given Name of the athlete's guide (mixed case). Used for some athletes with a disability (e.g: Paralympic Games).

Sample (Results Analysis)



```
<ExtendedInfos>
  <ExtendedInfo Type="DISPLAY" Code="INTERMEDIATE_CURRENT" Value="F" />
  <ExtendedInfo Type="UI" Code="INTERMEDIATES" Value="15" />
  <ExtendedInfo Type="UI" Code="INTERMEDIATE" Pos="1" Value="100" />
  <ExtendedInfo Type="UI" Code="INTERMEDIATE" Pos="2" Value="200" />
  <ExtendedInfo Type="UI" Code="INTERMEDIATE" Pos="3" Value="300" />
  <ExtendedInfo Type="UI" Code="INTERMEDIATE" Pos="4" Value="400" />
  <ExtendedInfo Type="UI" Code="INTERMEDIATE" Pos="5" Value="500" />
  ....
  <ExtendedInfo Type="UI" Code="INTERMEDIATE" Pos="15" Value="FINISH" />
</ExtendedInfos>
....
<Result Rank="1" ResultType="TIME" Result="4:05.01" StartOrder="45" StartSortOrder="45"
SortOrder="1">
  <ExtendedResults>
    <ExtendedResult Type="ER" Code="INTERMEDIATE" Pos="1" Value="15.8" Rank="6"
SortOrder="6" />
    <ExtendedResult Type="ER" Code="INTERMEDIATE" Pos="2" Value="32.2" Rank="5"
SortOrder="5" />
    ....
  </ExtendedResults>
  <Competitor Code="1043727" Type="A" Organisation="SUI" >
  <Composition>
    <Athlete Code="1043727" Order="1" Bib="1927">
    <Description GivenName="Jon" FamilyName="Smith" Gender="M" Organisation="SUI"
BirthDate="1994-12-15" />
```

2.2.4.6 Message Sort

Sort by Result @SortOrder

2.2.5 Phase Results

2.2.5.1 Description

The Phase Results is a message containing the results for the competitors in a particular phase.

The phase message is used to compare competitors from different units within a phase where the competitors usually participate once in the phase.

2.2.5.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC @Competition	Unique ID for competition
DocumentCode	Full RSC	Full RSC of the phase
DocumentSubcode	Not used in ATH	Not used in ATH
DocumentType	DT_PHASE_RESULT	Phase Results message
DocumentSubtype	Not used in ATH	Not used in ATH
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. INTERMEDIATE (used after each unit in the phase) LIVE OFFICIAL UNOFFICIAL PROTESTED
FeedFlag	"P"-Production "T"-Test	Test message or production message.
Date	Date	Date when the message is generated, expressed in the local time zone where the message was produced.
Time	Time	Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced.
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.

2.2.5.3 Trigger and Frequency

Send as follows:

- Send after every attempt in field events excluding combined events (LIVE).
- Send after each unit in the phase (INTERMEDIATE). Do not send data for units which have



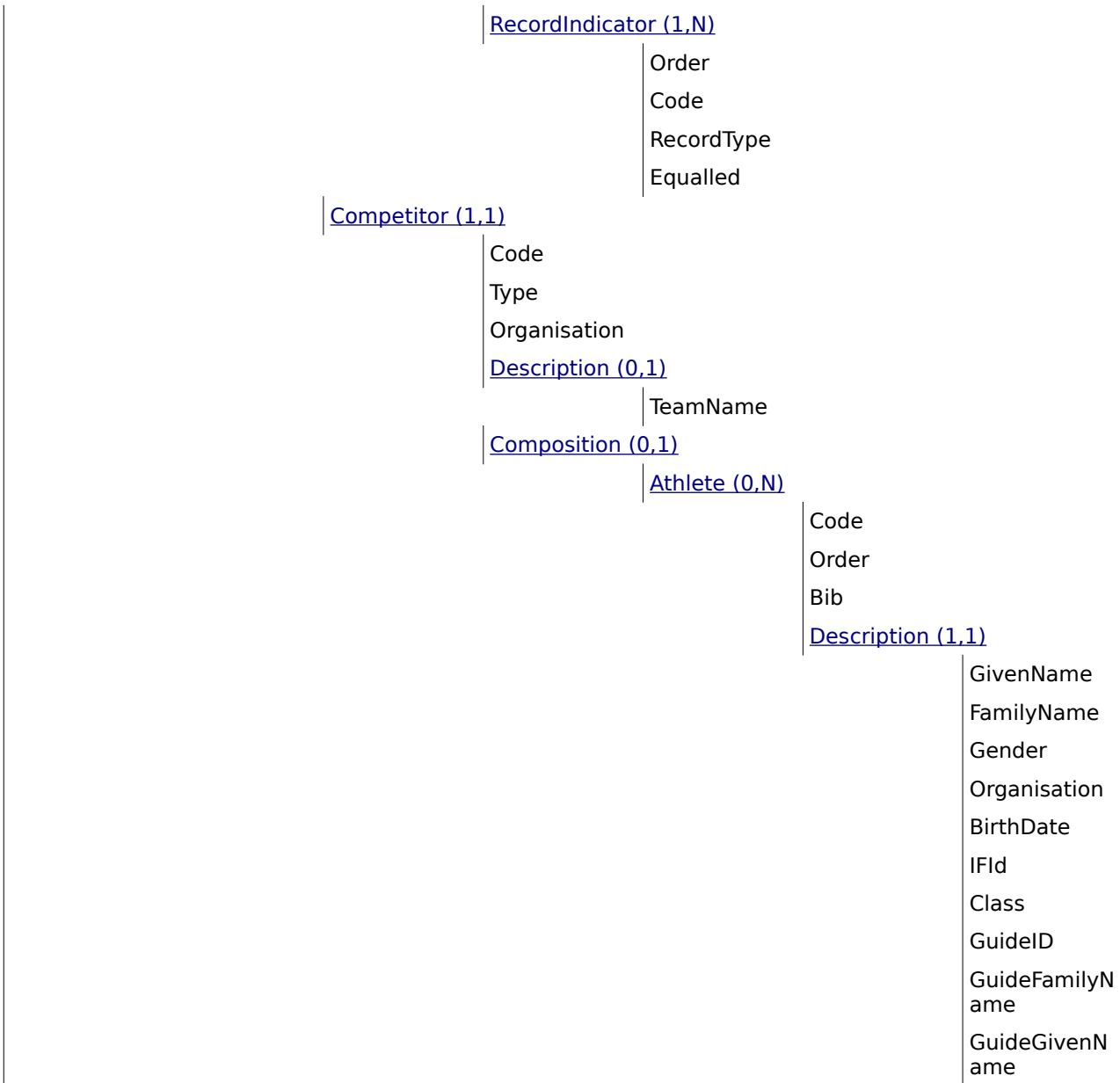
not started.

- Send as UNOFFICIAL / OFFICIAL when all units are complete.

2.2.5.4 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
Competition (0,1)						
	Gen					
	Sport					
	Codes					
	ExtendedInfos (0,1)					
		Progress (0,1)				
			LastUnit			
		SportDescription (0,1)				
			DisciplineName			
			EventName			
			SubEventName			
			Gender			
		VenueDescription (0,1)				
			Venue			
			VenueName			
	Result (1,N)					
		Rank				
		RankEqual				
		ResultType				
		Result				
		IRM				
		QualificationMark				
		SortOrder				
		ExtendedResults (0,1)				
			ExtendedResult (1,N)			
				Type		
				Code		
				Pos		
				Value		
		RecordIndicators (0,1)				



2.2.5.5 Message Values

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

Attribute	M/O	Value	Description
LastUnit	O	CC @Unit	Full RSC of the first unit (if not started) 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
SubEventName	O	S(40)	Phase level short name (not code) from Common Codes
Gender	M	CC @DisciplineGender	Gender code for the event unit (M/W)

Element ExtendedInfos /VenueDescription (0,1)

Venue Names in Text.

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

Element Result (1,N)

For any Phase Results message, there should be at least one competitor being awarded a result for the phase.

Attribute	M/O	Value	Description
Rank	O	Text	Rank of the competitor in the corresponding phase. This attribute is optional because the competitor could get an invalid rank mark.
RankEqual	O	Y	Identifies if a rank has been equalled. Only send if applicable
ResultType	O	SC @ResultType	Result type, either time or distance or IRM for the corresponding phase. It will be TIME for Track events or DISTANCE for Field events unless IRM applies.
Result	O	h:mm:ss.ff or	The result of the competitor in the phase. Send just in the case @ResultType is TIME or



		Numeric #0.00	DISTANCE For distance the measurement is in metres. Do not send leading zeros or hours/minutes if 0.
IRM	O	SC @IRM	The invalid result mark, in case it is assigned
QualificationMark	O	SC @QualificationMark	The code which gives an indication on the qualification of the competitor for the next round of the competition
SortOrder	M	Numeric	This attribute is a sequential number with the order of the results for the particular phase, if they were to be presented. It is mostly based on the rank, but it should be used to sort out rank ties as well as results without rank.

Element Result /ExtendedResults /ExtendedResult (1,N)				
Type		Code	Pos	Description
ER		MS	N/A	Element Expected: Only in track events where athletes receive the same time.
	Attribute	M/O	Value	Description
	Value	M	S(4)	Send the time value in m/s, for example .123
ER		FALSE_START	N/A	Element Expected: If it applies
	Attribute	M/O	Value	Description
	Value	M	S(n)	False start indication, e.g., "F1"
ER		LAST_QUAL	N/A	Element Expected: All qualifying phases
	Attribute	M/O	Value	Description
	Value	M	S(1)	Send "Y" if this competitor is in the last qualifying place else do not send.
ER		RULE	N/A	Element Expected: Just in case of athlete's disqualification
	Attribute	M/O	Value	Description
	Value	M	Text	Text of the rule
ER		UNIT_LANE	N/A	Element Expected: Only for track events



	Attribute	M/O	Value	Description
	Value	M	Numeric #0	Send the lane/order number for the athlete in the unit.
ER		UNIT_NUM	N/A	Element Expected: Always
	Attribute	M/O	Value	Description
	Value	M	S(2)	Send the heat number in track events or group (A/B) in field events.
ER		UNIT_RANK	N/A	Element Expected: Always when not null
	Attribute	M/O	Value	Description
	Value	M	Numeric #0	Send the rank of the athlete within the event unit
ER		WIND_SPEED	N/A	Element Expected: Send where the data exists
	Attribute	M/O	Value	Description
	Value	M	+/-Numeric +/-#0.0	Wind in metres per second
ER		WINDY	N/A	Element Expected: Applicable for track events up to 300m and horizontal jumps if the wind is above the allowed limit.
	Attribute	M/O	Value	Description
	Value	M	S(1)	Send Y in case the performance of the competitor was achieved with assisting wind in excess of 2.0 m/s and, as a consequence, it cannot be recognized as a record. In horizontal jumps send O (Other) if the best attempt is greater than 2.0 but there is another attempt which is legal and exceeds the former record.
ER		PTS	N/A	Element Expected: Only in combined events
	Attribute	M/O	Value	Description
	Value	M	Numeric ###0	Points scored
ER		RC	N/A	Element Expected: If applicable



	Attribute	M/O	Value	Description
	Value	M	S(1)	Send Y, if the competitor has a red card for behaviour in this unit (not second yellow).
ER		YC	N/A	Element Expected: If applicable.
	Attribute	M/O	Value	Description
	Value	M	S(1)	Send Y, if the competitor has a yellow card for behaviour in this unit or previous else do not send.
ER		YRC	N/A	Element Expected: If applicable.
	Attribute	M/O	Value	Description
	Value	M	S(1)	Send Y, if the competitor has a second yellow card for behaviour in this unit.

Element Result /RecordIndicators /RecordIndicator (1,N)

Phase result's record indicator.

Attribute	M/O	Value	Description
Order	M	Numeric	The hierarchy (priority) for types of record from 1 to n with WR being the highest.
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. "WR"). Must always send the highest or most relevant record type. For example if WR and OR then send WR.
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 phase 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. Send in the case that the competitor is a team.

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 either a team member or a single 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(4)	Athlete's bib number.

Element Result /Competitor /Composition /Athlete /Description (1,1)			
Athletes extended information.			
Attribute	M/O	Value	Description
GivenName	O	S(25)	Given name in WNPA format (mixed case)
FamilyName	M	S(25)	Family name in WNPA format (mixed case)
Gender	M	CC @PersonGender	Gender of the athlete
Organisation	M	CC @Organisation	Athletes' organisation
BirthDate	O	Date	Birth date (example: YYYY-MM-DD). Must include if the data is available
IFId	O	S(16)	International Federation ID
Class	O	CC @DisciplineClass	Code to identify the sport class in the case of events with athletes with a disability (e.g: Paralympic Games). This attribute is optional because it is not used in events without such athletes.
GuideID	O	S(20) without leading zeros	ID of the Guide, used for some athletes with a disability (e.g: Paralympic Games).
GuideFamilyName	O	S(25)	Family Name of the athlete's guide (mixed case). Used for some athletes with a disability (e.g: Paralympic Games).
GuideGivenName	O	S(25)	Given Name of the athlete's guide (mixed case). Used for some athletes with a disability (e.g: Paralympic Games).



Sample (Phase Results)

```
....
<Result Rank="1" ResultType="TIME" Result="48.33" QualificationMark="Q" SortOrder="1">
  <ExtendedResults>
    <ExtendedResult Type="ER" Code="UNIT_NUM" Value="3" />
    <ExtendedResult Type="ER" Code="UNIT_RANK" Value="2" />
    <ExtendedResult Type="ER" Code="UNIT_LANE" Value="6" />
    <ExtendedResult Type="ER" Code="WIND_SPEED" Value="-1.2" />
  </ExtendedResults>
  <Competitor Code="1101337" Organisation="SUI" Type="A">
    <Composition>
      <Athlete Code="1101337" Order="1" >
        <Description GivenName="Jon" FamilyName="Smith" Gender="M" Organisation="SUI"
        BirthDate="1994-12-15" />
      </Athlete>
    </Composition>
  </Competitor>
</Result>
....
```

2.2.5.6 Message Sort

Result @SortOrder followed by Athlete @Order.

2.2.6 Cumulative Results

2.2.6.1 Description

The Cumulative Results is a message containing the cumulative results for the competitors in a group of units.

In athletics, the Cumulative Results message is used only in combined events to send a summary of results (including rank) during the combined event.

2.2.6.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC @Competition	Unique ID for competition
DocumentCode	Full RSC	Full RSC of the event
DocumentSubcode	Not used in ATH	Not used in ATH
DocumentType	DT_CUMULATIVE_RESULT	Cumulative Results message
DocumentSubtype	Not used in ATH	Not used in ATH
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 OFFICIAL UNOFFICIAL PROTESTED
FeedFlag	"P"-Production "T"-Test	Test message or production message.
Date	Date	Date when the message is generated, expressed in the local time zone where the message was produced.
Time	Time	Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced.
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.



2.2.6.3 Trigger and Frequency

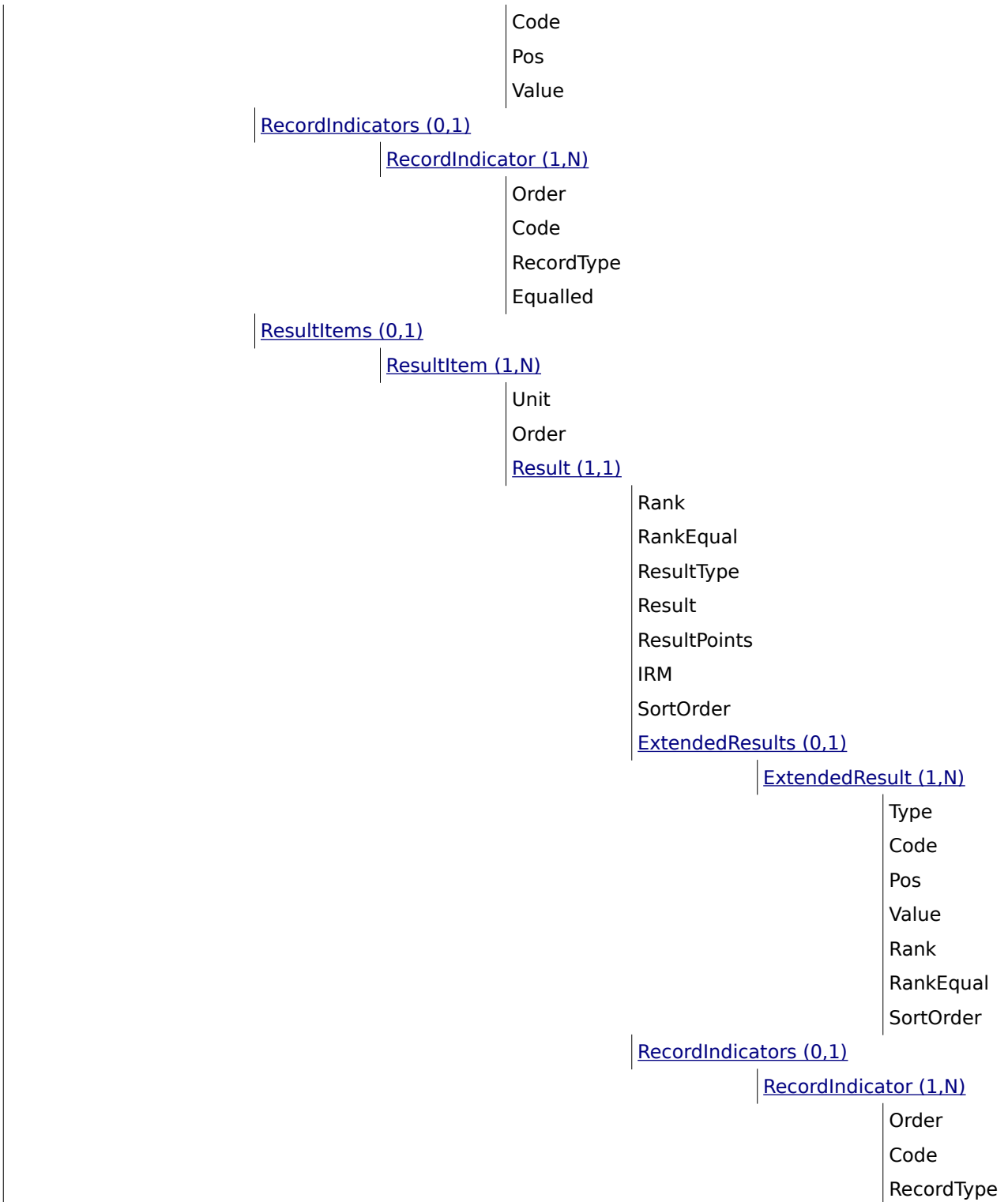
The cumulative results accumulate results over a number of units so are generally sent after each DT_RESULT message if the cumulative message applies (using same ResultStatus at DT_RESULT). When there is no unit in progress the cumulative results will have INTERMEDIATE status.

The first version should be triggered at the same time as the start list of the first unit is triggered and then after each unit in track events is completed. If field events it is triggered after each attempt as LIVE.

2.2.6.4 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
<u>Competition (0,1)</u>							
	Gen						
	Sport						
	Codes						
	<u>ExtendedInfos (0,1)</u>						
		<u>Progress (0,1)</u>					
			LastUnit				
		<u>SportDescription (0,1)</u>					
			DisciplineName				
			EventName				
			Gender				
		<u>VenueDescription (0,1)</u>					
			Venue				
			VenueName				
	<u>Result (1,N)</u>						
		Rank					
		RankEqual					
		ResultType					
		Result					
		IRM					
		Diff					
		SortOrder					
		<u>ExtendedResults (0,1)</u>					
			<u>ExtendedResult (1,N)</u>				
				Type			





2.2.6.5 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 /Progress (0,1)			
Attribute	M/O	Value	Description
LastUnit	O	CC @Unit	Send the full RSC of the most recently completed unit or current unit if in progress 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 short name (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	Text	Rank of the competitor in the cumulative result. This attribute is optional because the competitor could get an invalid rank mark.
RankEqual	O	S(1)	Identifies if a rank has been equalled. Send Y if applicable
ResultType	O	SC @ResultType	Type of the @Result attribute. Result type, either points or IRM for the cumulative result.
Result	O	Numeric ###0	The cumulative result of the competitor. Send just in the case @ResultType is POINTS For points (for the Overall Results of the Combined Events): numeric with a maximum of 4 digits
IRM	O	SC @IRM	The invalid rank mark for the cumulative result, in case it is assigned. Send just in the case @ResultType is IRM
Diff	O	Numeric ###0	Points behind leader. Do not send for leader (combined events)
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 /ExtendedResults /ExtendedResult (1,N)

Team competitor's extended results.



Type		Code	Pos	Description
ER		RC	N/A	Element Expected: If applicable.
	Attribute	M/O	Value	Description
	Value	M	S(1)	Send Y, if the competitor has a red card for behaviour (not second yellow).
ER		YC	N/A	Element Expected: If applicable.
	Attribute	M/O	Value	Description
	Value	M	S(1)	Send Y, if the competitor has a yellow card for behaviour.
ER		YRC	N/A	Element Expected: If applicable.
	Attribute	M/O	Value	Description
	Value	M	S(1)	Send Y, if the competitor has a second yellow card for behaviour.

Element Result /RecordIndicators /RecordIndicator (1,N)

Cumulative result's record indicator.

Attribute	M/O	Value	Description
Order	M	Numeric	The hierarchy (priority) for types of record from 1 to n. (Can use the Order column from CC @RecordType for reference).
Code	M	CC @RecordCode	Code which describes the record broken by the cumulative result value.
RecordType	M	CC @RecordType	Code which specifies the level at which the record is broken (e.g. "WR"). Must always send the highest or most relevant record type. For example if WR and OR then send WR.
Equalled	O	S(1)	Send Y in the case that the record has been equalled else do not send.

Element Result /ResultItems /ResultItem (1,N)

Identifier of the unit which is included the result summary. ResultItem /Result will be for one particular previous unit.

Attribute	M/O	Value	Description
Unit	M	CC @Unit	Full phase level RSC of the latest schedule item which the cumulative results is updated to.
Order	M	Numeric	Logical order of the sub-units, usually schedule



		#0	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	Text	Rank of the competitor in the result for the phase identified by @Unit at /ResultItems /ResultItem.
RankEqual	O	Y	Identifies if a rank has been equalled. Only send if applicable
ResultType	O	SC @ResultType	Type of the @Result attribute for the phase identified by /ResultItems /ResultItem.
Result	O	m:ss.ff or Numeric #0.00	The result of the competitor for the phase identified by @Unit at /ResultItems /ResultItem. Send just in the case @ResultType is not IRM. For distance: in metres. Do not send leading zeros or minutes if 0.
ResultPoints	O	Numeric ###0	Convert the performance to points, numeric with a maximum of 4 digits. Used in combined events.
IRM	O	SC @IRM	The invalid rank mark, in case it is assigned for the event unit or phase identified by /ResultItems /ResultItem. Send just in the case @ResultType is IRM.
SortOrder	M	Numeric	Used to sort all results in the phase identified by by @Unit at /ResultItems /ResultItem.

Element Result /ResultItems /ResultItem /Result /ExtendedResults /ExtendedResult (1,N)

Type	Code	Pos	Description
ER	WIND_SPEED	N/A	Element Expected: Send where the data exists in combined events
	Attribute	M/O	Value
	Value	M	+/-Numeric +/-#0.0
ER	TOTAL_PTS	N/A	Element Expected: In combined events unless the athlete did not start (DNS) in this unit.
	Attribute	M/O	Value
			Description



Value	M	Numeric ###0	Total Points after the athlete has completed the event unit
Rank	O	Text	Overall rank of the athletes up to and including this phase
RankEqual	O	Y	Send Y where Rank at this specific ExtendedResult is equalled else not sent
SortOrder	O	Numeric	Similar to rank but considering all competitors (including those with no rank)

Element Result /ResultItems /ResultItem /Result /RecordIndicators /RecordIndicator (1,N)
Result's record indicator.

Attribute	M/O	Value	Description
Order	M	Numeric	The hierarchy (priority) for types of record from 1 to n. Can use the Order column from CC @RecordType for reference).
Code	M	CC @RecordCode	Code which describes the record broken by the Result /ResultItems /ResultItem /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 (e.g. "OR"). Must always send the highest or most relevant record type. For example if WR and OR then send WR.
Equalled	O	Y	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)	A for athlete
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 zeroes	Athlete's ID
Order	M	Numeric	Send 1 as the competitor is an athlete
Bib	O	S(4)	Bib number



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

Sample (Decathlon)

```
<Result Rank="1" ResultType="POINTS" Result="1554" SortOrder="1" >
  <ResultItems>
    <ResultItem Unit="ATHMDECATH-----100-----" Order="1" >
      <Result Rank="27" ResultType="TIME" Result="10.23" ResultPoints="845" >
        <ExtendedResults>
          <ExtendedResult Type="ER" Code="WIND_SPEED" Value="+1.3" />
          <ExtendedResult Type="ER" Code="TOTAL_PTS" Value="845" Rank="27" SortOrder="27" />
        </ExtendedResults>
      </Result>
    </ResultItem>
    <ResultItem Unit=" ATHMDECATH-----LJ-----" Order="2" >
      <Result Rank="18" ResultType="DISTANCE" Result="7.23" ResultPoints="709" SortOrder="18" >
        <ExtendedResults>
          <ExtendedResult Type="ER" Code=" Code="WIND_SPEED" Value="-1.1" />
          <ExtendedResult Type="ER" Code="TOTAL_PTS" Value="1554" Rank="1" SortOrder="1" />
        </ExtendedResults>
      </Result>
    </ResultItem>
  </ResultItems>
  <Competitor Code="20217432" Type="A" Organisation="SUI">
    <Composition>
      <Athlete Code="20217432" Order="1">
        <Description GivenName="Jon" FamilyName="Smith" Gender="M" Organisation="SUI"
        BirthDate="1994-12-15" />
      </Athlete>
    </Composition>
  </Competitor>
</Result>
....
```

2.2.6.6 Message Sort

Sort by Result @SortOrder then Result /ResultItems /ResultItem /Result @SortOrder

2.2.7 Image

2.2.7.1 Description

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

2.2.7.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC @Competition	Unique ID for competition
DocumentCode	Full RSC	
DocumentSubcode	S(10)	Picture number
DocumentType	DT_IMAGE	Image message
DocumentSubtype	S(20)	Send PHOTOFINISH
Version	1..V	Version number associated to the message's content. Ascendant number
ResultStatus	SC @ResultStatus	Only applicable status is OFFICIAL
FeedFlag	"P"-Production "T"-Test	Test message or production message.
Date	Date	Date when the message is generated, expressed in the local time zone where the message was produced.
Time	Time	Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced.
LogicalDate	Date	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.

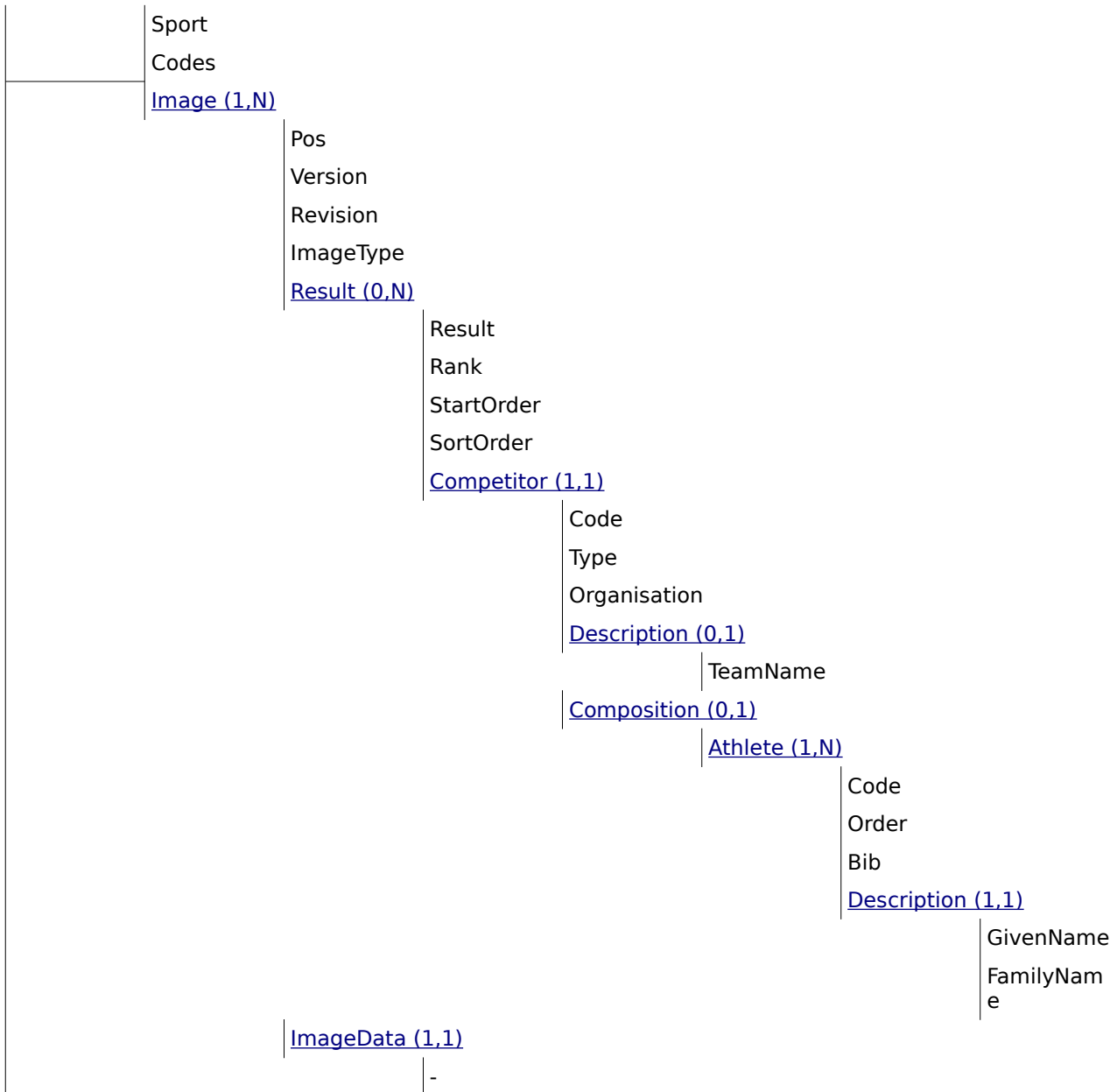
2.2.7.3 Trigger and Frequency

Trigger when image available and after any change.

2.2.7.4 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	Level 8
Competition (0.1)							
	Gen						



2.2.7.5 Message Values

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



Sport	O	S(20)	Version of the Sport Data Dictionary applicable to the message
Codes	O	S(20)	Version of the Codes applicable to the message

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

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

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

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

Element Competition /Image /Result /Competitor /Composition /Athlete (1,N)
Only sent in the case of individual events. Team members are not sent in team events.



Attribute	M/O	Value	Description
Code	O	S(20) with no leading zeroes	Athlete's ID. If it is possible to send the ID it should be included.
Order	M	Numeric ##0	Order attribute used to sort team members in a team. Before the competition this will be the same as the StartSortOrder and is used as the primary sort. During competition any sort order change from the initial start list order for any competitor will be provided in this attribute.
Bib	O	S(4)	Bib number

Element Competition /Image /Result /Competitor /Composition /Athlete /Description (1,1)			
Attribute	M/O	Value	Description
GivenName	O	S(25)	Given name (Photofinish Name)
FamilyName	M	S(25)	Family name (Photofinish Name)

Element Competition /Image /ImageData (1,1)			
Attribute	M/O	Value	Description
-	M	Free Text	The ImageData element has a body consisting of one Base64-encoded report (a jpeg or png file)

Sample (Image)

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

2.2.7.6 Message Sort

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

2.2.8 Records

2.2.8.1 Description

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

Special Situations - Not Established Records:

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

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

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

2.2.8.2 Header Values

The following table describes the message header attributes.

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



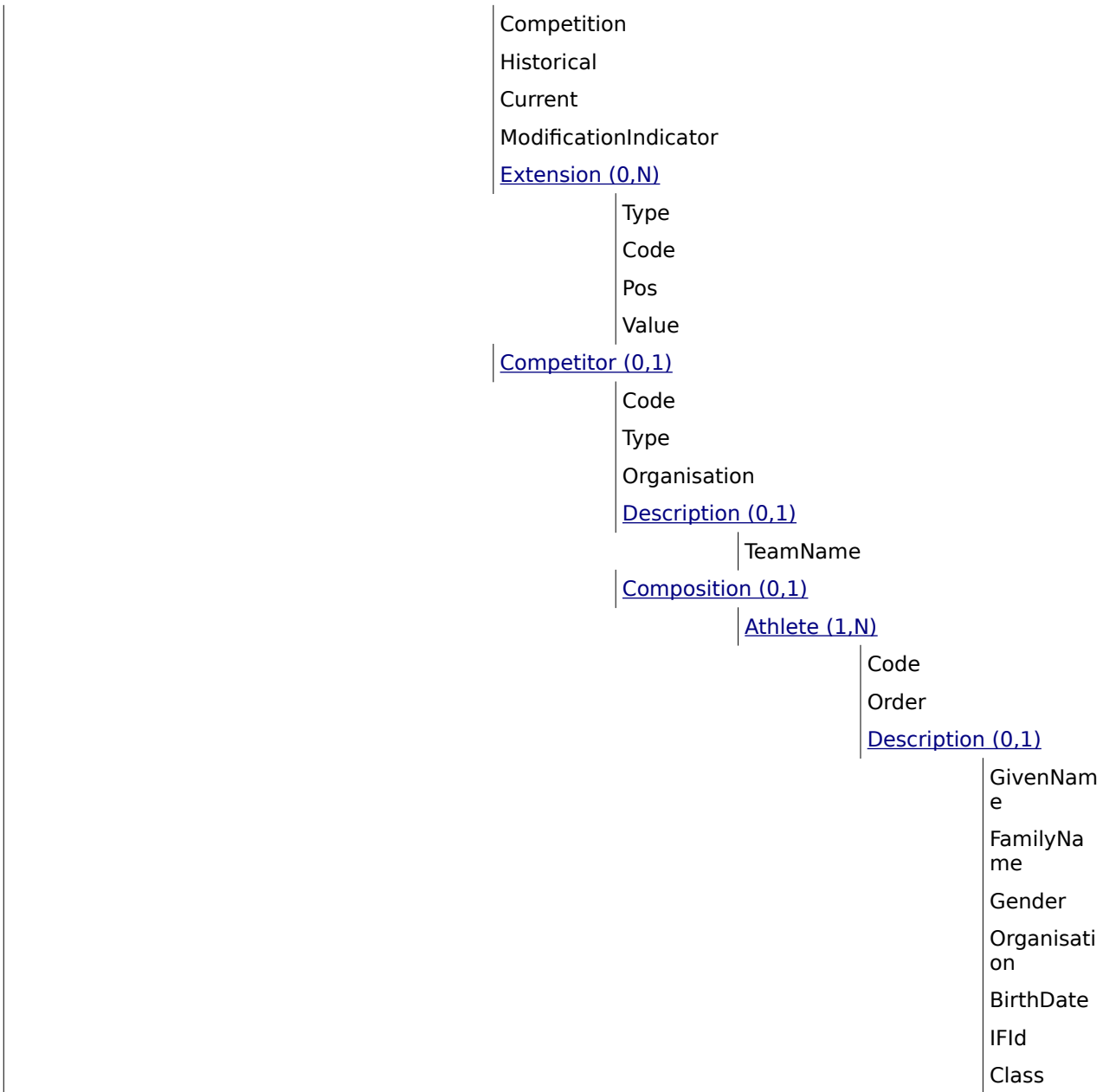
2.2.8.3 Trigger and Frequency

The DT_RECORD (without DocumentSubcode) message is sent as a bulk 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.

2.2.8.4 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>SportDescription (0,1)</u>						
			DisciplineName					
	<u>Record (1,N)</u>							
		Code						
		<u>Description (1,1)</u>						
			Name					
		<u>RecordType (1,N)</u>						
			Order					
			RecordType					
			Subcode					
			Shared					
			NotEstablished					
			NotEstablishedLabel					
			<u>RecordData (0,N)</u>					
				Order				
				ResultType				
				Result				
				Unit				
				Country				
				Place				
				Date				
				Time				
				Equalled				



2.2.8.5 Message Values

Element Competition (0,1)			
Attribute	M/O	Value	Description
Gen	0	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 record from 1 to n. (Can use the Order column from CC @RecordType to assist in case several records are broken, from high priority to low priority but must still use 1 to n).
RecordType	M	CC @RecordType	Record type.
Subcode	O	- NOC if RecordType = "NR" - Rank if RecordType = "BOP", "ALL" or "SBP"	It will be mandatory in case of RecordType = "NR", "BOP"
Shared	M	S(1)	Y-There is more than one competitor sharing the record N-There is just one competitor holding the record
NotEstablished	O	S(1)	Send "Y" in the case there is no record in this category else do not send.
NotEstablishedLabe	O	S(25)	The description to be used in the case that



I			NotEstablished="Y".
---	--	--	---------------------

Element Record /RecordType /RecordData (0,N)
RecordData is not sent for NotEstablished Records unless a "standard" applies

Attribute	M/O	Value	Description
Order	M	Numeric #0	In the case that a record (RecordType) is provided several times in the message, then Order is the chronological order for the records (1,N). 1 will be usually the historical record and for each record broken during the competition a new order value will be provided. Usually first time the record is broken will have Order="2", second time Order="3" etc. Send 1 for records (RecordType) not shared (historical records)
ResultType	M	SC @ResultType	Result type, either time, distance or points for the corresponding event unit
Result	O	m:ss.ff or h:mm:ss or Numeric #0.00 or Numeric ###0	The result of the competitor for the record. For distance: in metres For points (for Combined Event Units): numeric with a maximum of 4 digits. Do not send leading zeros or hours/minutes if 0.
Unit	O	CC @Unit	Include the event unit in the current competition where the record was broken. It is the full RSC 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 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.
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 /Extension (0,N)				
Type		Code	Pos	Description
ER		COMMENT	N/A	Element Expected: Always, if available
	Attribute	M/O	Value	Description
	Value	M	S(1)	Record comment code. A for Altitude, I for Indoor or B for Both
ER		POSITION	N/A	Element Expected: Always, if available
	Attribute	M/O	Value	Description
	Value	M	S(5)	Position (Place/Round/Heat) obtained by the athlete Example: "3qf1", "4r1", "1s1", "1h1", "1"
ER		RESULT	S(2)	Pos Description: Send a number, from 1 to 10 for each phase of Combined Events Element Expected: For combined events records.
	Attribute	M/O	Value	Description
	Value	M	m:ss.ff or	Send the time or distance obtained at each phase of the Combined



			Numeric #0.00 (metres)	Event record. Do not send leading zeros or minutes if 0.
ER		WIND_SPEED	N/A	Element Expected: Always, if available
	Attribute	M/O	Value	Description
	Value	M	+/-Numeric +/-#0.0	Wind in metres per second

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

Competitor to whom the record is assigned.

Athlete's or team's information should be in DT_PARTIC (Historic) if Competitor @Type="A" or DT_PARTIC_TEAMS (Historic) if Competitor @Type="T".

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

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

Competitors extended information.

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

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	Order attribute used to sort team members in a



		#0	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
Class	O	CC @SportClass	Code to identify the sport class in the case of events with athletes with a disability (e.g: Paralympic Games).

2.2.8.6 Message Sort

The following order applies:

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



2.2.9 Event Final Ranking

2.2.9.1 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.

2.2.9.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC @Competition	Unique ID for competition
DocumentCode	Full RSC	Full RSC of the 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. OFFICIAL PARTIAL
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.

2.2.9.3 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.

Trigger also after any change.



2.2.9.4 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)					
		SportDescription (0,1)				
			DisciplineName			
			EventName			
			Gender			
		VenueDescription (0,1)				
			Venue			
			VenueName			
	Result (1,N)					
		Rank				
		RankEqual				
		IRM				
		SortOrder				
		Competitor (1,1)				
			Code			
			Type			
			Organisation			
			Description (0,1)			
				TeamName		
			Composition (1,1)			
				Athlete (0,N)		
				Code		
				Order		
				Bib		
				Description (1,1)		
					GivenName	
					FamilyName	
					Gender	



	Organisation BirthDate IFId Class GuideID GuideFamilyName GuideGivenName
--	--

2.2.9.5 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 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. Must be included if it is a single event
Gender	M	CC @DisciplineGender	Gender code for the event unit. Must be included if it is a single gender

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

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	Text	Final rank of the competitor in the corresponding event.
RankEqual	O	Y	Identifies if a rank has been equalled. Only send if applicable
IRM	O	SC @IRM	The invalid result mark, in case it is assigned
SortOrder	M	Numeric	This attribute is a sequential number with the order of the results for the particular event, if they were to be presented. It is mostly based on the rank, but it should be used to sort out rank ties as well as results without rank.

Element Result /Competitor (1,1)

Competitor related to one final event result.

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

Element Result /Competitor /Description (0,1)

Used in Team events only

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

Element Result /Competitor /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. Send 1 when Competitor @Type="A".
Bib	O	S(4)	Bib

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



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IFId	O	S(16)	International Federation ID
Class	O	CC @DisciplineClass	Code to identify the sport class in the case of events with athletes with a disability (e.g: Paralympic Games).
GuideID	O	S(20) without leading zeros	ID of the Guide
GuideFamilyName	O	S(25)	Family Name of the athlete's guide (mixed case).
GuideGivenName	O	S(25)	Given Name of the athlete's guide (mixed case).

2.2.9.6 Message Sort

Sort by Result @SortOrder

2.2.10 Configuration

2.2.10.1 Description

The Configuration is a message containing general configuration.

Send before the competition for each phase in separate messages.

2.2.10.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC @Competition	Unique ID for competition
DocumentCode	Full RSC	Sent this message for each Phase
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.

2.2.10.3 Trigger and Frequency

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

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

2.2.10.4 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

2.2.10.5 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 of the phase.

Element Configs /Config /ExtendedConfig (1,N)				
Type	Code	Pos	Description	
EC	CATEGORY	N/A	Element Expected: Always	
	Attribute	M/O	Value	Description
	Value	M	SC @UnitCategory	Send the corresponding unit category code
EC	START_IN_LANES	N/A	Element Expected: Just for track events up to 800m (and relays)	
	Attribute	M/O	Value	Description
	Value	M	S(1)	Send Y if the competitors start in lanes



EC	UNITS_PHASE	N/A	Element Expected: In track events for all phases where there is more than one unit (including combined events).	
	Attribute	M/O	Value	Description
	Value	M	Numeric #0	Send the number of units in the phase.

Sample (Configuration)

```
<Configs>
<Config Unit="ATHM100M-----FNL-----">
  <ExtendedConfig Type="EC" Code="START_IN_LANES" Value="Y" />
  <ExtendedConfig Type="EC" Code="CATEGORY" Value="A" />
</Config>
```

2.2.10.6 Message Sort

There is no message sorting rule.

2.2.11 Weather conditions

2.2.11.1 Description

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

2.2.11.2 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 or location as referred to in DocumentSubcode.
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.

2.2.11.3 Trigger and Frequency

The message is sent

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

2.2.11.4 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		
			Condition (0,3)		
				Code	
				Value	
			Temperature (0,N)		
				Code	
				Unit	
				Value	
			Wind (0,N)		
				Code	
				Unit	
				Value	
				Type	

2.2.11.5 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
Humidity	O	Numeric	Humidity in %



		##0	
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Element Weather /Conditions /Condition (0,3)			
Send three times in the case of Winter conditions.			
Attribute	M/O	Value	Description
Code	M	SKY	Weather conditions type
Value	M	CC @WeatherConditions	Codes that describe the Weather Conditions.

Element Weather /Conditions /Temperature (0,N)			
If data available			
Attribute	M/O	Value	Description
Code	M	AIR, WBGT	Air temperature & Heat Stress Indicator (WBGT)
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)			
If data available			
Attribute	M/O	Value	Description
Code	M	SPEED	Wind Speed
Unit	M	SC @WindUnit	Metric system unit for Wind
Value	M	Numeric ##0	Wind speed in km/h
Type	O	SC @WindForce	

2.2.11.6 Message Sort

There is no special sort order requirement for this message.



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3 Message Timeline

Legend						
D Discipline	E Event	P Phase	S Session	U Unit	x Sent on that level	o Includes info from that level



4 Document Control

Version history		
Version	Date	Comments
v1.0	30 Nov 2016	First version
v1.1	23 Nov 2016	Updated
v1.2	09 Jan 2017	Updated
v1.3	02 Mar 2017	Updated
v1.4	17 May 2017	Updated
v1.5	25 Aug 2017	Updated
v1.6	04 Dec 2017	Updated
v1.7	20 Feb 2018	Updated
v2.0	25 Oct 2018	Updated
v2.1	24 Jan 2019	Updated
V2.2	25 Feb 2019	Updated for Para
v2.3	14 Aug 2019	Updated with CRs
V2.4	13 Mar 2020	Updated
V2.5	22 May 2020	Updated CR19871

File Reference: SOG-2020-ATH-2.5 APP

Change Log		
Version	Status	Changes on version
v1.0	SFR	First version
v1.1	SFR	Add combined events points in phase results
v1.2	SFA	DT_PARTIC: added note re IFId that this could be from the IPC or IAAF depending on the athlete. DT_RESULT: added a note that RUNWAY_SPEED and STEP are only available if the data is collected. DT_RESULT_ANALYSIS: Changed time format for intermediate points to single decimal DT_CUMULATIVE_RESULT: Change triggering for field events in combined to be LIVE. DT_CONFIG: Corrected triggering to be by phase. 1.4 Updated the variations for the Commonwealth Games.
v1.3	SFA	DT_RESULT: Remove StartListMod in the header DT_IMAGE: Additional elements and attributes added.
v1.4	SFA	1.4: Note that QUAL_BEST is not used.
v1.5	SFA	Added support for YOG
v1.6	SFA	Typographical corrections



v1.7	SFA	<p>DT_RESULT: Noted that intermediate point in relays is leg number.</p> <p>DT_RESULT: Added missing (in error) extensions in Athlete/ExtendedResults</p> <p>DT_RESULT: Added intermediate point value for all participants where INTERMEDIATE is used.</p> <p>DT_CONFIG: Correction to be clear this message is sent at phase level.</p> <p>DT_RESULT_ANALYSIS: Change triggering to only send at the end of the unit.</p> <p>Minor typographical corrections without changing the meaning.</p> <p>DT_PARTIC: Updated to add Passport names (CR15219)</p> <p>Removed reference to 2018 Commonwealth Games</p>
v2.0	SFA	<p>DT_RESULT: In Results/ExtendedResults add extension MS, Add EUE/RANK_WLD</p> <p>DT_RESULT: Changed walk warning to maximum 4.</p> <p>DT_PHASE_RESULT, DT_RESULT_ANALYSIS: In Results/ExtendedResults add extension MS</p> <p>DT_WEATHER: Add Weather /Conditions /Wind</p> <p>DT_WEATHER: Weather /Conditions /Temperature add WBGT</p> <p>CR 15039: Add DT_PARTIC_NAME to applicable messages.</p> <p>CR 16671: Add TVFamilyName in DT_PARTIC message.</p> <p>CR16537: Move LAST_UNIT to ExtendedInfos/Progress in phase and cumulative results</p> <p>DT_RESULT_ANALYSIS: Change triggering.</p> <p>DT_PARTIC: Remove QUAL_BEST, Add RANK_WLD</p> <p>DT_PARTIC_TEAMS: Remove QUAL_BEST</p> <p>Removed reference to 2018 YOG</p>
v2.1	APP	<p>Removed ValueType throughout document</p> <p>DT_RESULT: Update DISPLAY/INTERMEDIATE_CURRENT</p> <p>CR16914: Change DT_WEATHER message to venue level.</p> <p>CR16928: Update ER/INTERMEDIATE</p>
V2.2	APP	<p>DT_PARTIC: Add QUAL_BEST</p> <p>DT_PARTIC_TEAMS: Add QUAL_BEST</p> <p>DT_RESULT: Clarify WINDY extension</p> <p>DT_PHASE_RESULT: Clarify WINDY extension</p>
v2.3	APP	<p>CR16640: Add ODF Version @Competition</p> <p>CR17516: DT_RESULT: Update ExtendedInfos @DISPLAY/LAST_COMP & DISPLAY/LAST_COMP_2</p> <p>CR17730: DT_RESULT / DT_RESULT_ANALYSIS: Updates in intermediates to only include track intermediate times for all athletes in DT_RESULT_ANALYSIS</p> <p>CR17739: Change Name and TVTeamName to mandatory in DT_PARTIC_TEAMS</p> <p>CR17809: Change Participant/OlympicSolidarity to disallow N</p>
V2.4	APP	<p>DT_RESULT: Update Element expected for ER/WINDY @Result/ExtendedResults /ExtendedResult (to align with implementation)</p> <p>DT_RESULT: Update Element expected for ER/RULE @Result/ExtendedResults /ExtendedResult to allow for a note without disqualification</p> <p>DT_RESULT: Update ER/YC, ER/RC and ER/YRC @Result/ExtendedResults /ExtendedResult</p> <p>DT_RESULT: Update ER/LEG_SPLIT value @Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult</p> <p>DT_RESULT: Delete ER/YC, ER/RC and ER/YRC @Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult</p> <p>DT_RESULT: Add ER/INTERMEDIATE/AFTER_INTERMEDIATE_ERECORD @Result/ExtendedResults /ExtendedResult</p>



		<p>DT_RESULT: Clarify Result/Diff (186709)</p> <p>DT_RESULT: Update ER/ORDER_CURRENT @Result/ ExtendedResults /ExtendedResult</p> <p>DT_RESULT: Update ER/ORDER_FINAL @Result/ExtendedResults /ExtendedResult</p> <p>DT_PHASE_RESULTS: Update Element expected for ER/WINDY @Result/ExtendedResults /ExtendedResult (to align with implementation)</p> <p>DT_PHASE_RESULTS: Add ER/YC, ER/RC and ER/YRC @Result/ExtendedResults /ExtendedResult</p> <p>DT_CUMULATIVE_RESULT: Updated Extected for ER/TOTAL_PTS @Result /ResultItems /ResultItem /Result /ExtendedResults /ExtendedResult</p> <p>DT_CUMULATIVE_RESULT: Add Result/ExtendedResults/ExtendedResult for disciplinary cards</p> <p>Update Diff throughout the document, do not send any value for the leader.</p> <p>DT_RESULT_ANALYSIS: Add DISPLAY/INTERMEDIATE_CURRENT at ExtendedInfos /ExtendedInfo</p> <p>DT_RESULT & DT_RESULT_ANALYSIS: Clarify that the intermediate time in races at finish must always be the same as the competitor result. (186622)</p> <p>DT_RESULT: Update when ER/PHOTO is expected @ Result /ExtendedResults /ExtendedResult (186641)</p> <p>DT_CONFIG: Add EC/UNITS/PHASE @ Configs /Config /ExtendedConfig (186628)</p> <p>DT_WEATHER: Update value of Unit at Weather /Conditions /Wind</p> <p>Other Typographical corrections without changing the intent.</p>
V2.5	APP	DT_RECORD: Remove Guide information from the message [CR19871]