



Olympic Data Feed



ODF Athletics Data Dictionary
Rio 2016 – Games of the XXXI Olympiad
Technology and Information Department
© International Olympic Committee

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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 Reference	Document Title	Document Description
ODF/INT183	ODF General Principles Document	The document explains the environment and general principles for ODF.
ODF/INT184	ODF General Messages Interface Document	The document describes the ODF General Messages
ODF/COD186	ODF Common Codes	The document describes the ODF Common codes used across all ODF documents.



Document Reference	Document Title	Document Description
ODF/COD187	ODF Sport Codes	The document describes the ODF Sport codes used across all ODF documents
ODF/COD192	ODF Header Values	The document details the header values which shows which RSCs are used in which messages.



2 Messages

2.1 Applicable Messages

The following table is a full list of all ODF messages and describes the list of messages used in 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 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	<u>X</u>
DT_PARTIC_TEAMS DT_PARTIC_TEAMS_UPDATE	/ List of teams / List of teams update	<u>X</u>
DT_MEDALS	Medal standings	
DT_MEDALLISTS_DAY	Medallists of the day	
DT_GLOBAL_GM	Global good morning	
DT_GLOBAL_GN	Global good night	
DT_RESULT	Event Unit Start List and Results	<u>X</u>
DT_RESULT_ANALYSIS	Results Analysis	<u>X</u>
DT_IMAGE	Image	<u>X</u>
DT_PRESSPHOTOFINISH_LK	Press Photofinish	
DT_PHASE_RESULT	Phase Results	<u>X</u>
DT_CUMULATIVE_RESULT	Cumulative Results	<u>X</u>
DT_RECORD	Records	<u>X</u>
DT_RANKING	Event Final Ranking	



DT_COMMUNICATION	Official Communication	
DT_CONFIG	Configuration	X
DT_WEATHER	Event Unit Weather conditions	X
DT_MEDALLISTS	Event's Medallists	
DT_MEDALLISTS_DISCIPLINE	Medallists by discipline	
DT_LOCAL_OFF	Discipline/venue stop transmission	
DT_LOCAL_ON	Discipline/venue start transmission	
DT_KA	Keep Alive	



2.2 Messages

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

2.2.1.1 Description

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

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

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

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

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

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	DD0000000	DD is defined according to CC @Discipline
DocumentType	DT_PARTIC DT_PARTIC_UPDATE	List of participants by discipline message
Version	1..V	Version number associated to the message's content. Ascendant number
FeedFlag	"P"-Production "T"-Test	Test message or production message.
Date	Date	Date when the message is generated, expressed in the local time zone where the message was produced.
Time	Time	Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced.
LogicalDate	Date	<p>Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight.</p> <p>If an event unit continues after midnight (24:00), all messages produced will be considered as happening at the logical date on which the event unit began (e.g. for a session which began at 21:00 on Aug 2 and ended at 1:20 on Aug 3, the message will all be dated Aug 2).</p> <p>The end of the logical day is defined by default at 03:00 a.m.</p> <p>For messages corrections, like invalidating medals or Records, it will be the LogicalDate of the day of the correction.</p> <p>Logical Date is expressed in the local time zone where the message was produced.</p>
Source	SC @Source	Code indicating the system which generated the message.
Serial	Numeric	<p>Sequence number (positive integer) for ODF messages.</p> <p>Serial starts with 1 each day for each Source.</p>

2.2.1.3 Trigger and Frequency

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



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

2.2.1.4 Message Structure

The following table defines the structure of the message.

Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
Competition (1,1)					
	Code				
	Participant (1,N)				
		Code			
		Parent			
		Status			
		GivenName			
		FamilyName			
		PrintName			
		PrintInitialName			
		TVName			
		TVInitialName			
		Gender			
		Organisation			
		BirthDate			
		Height			
		Weight			
		PlaceofBirth			
		CountryofBirth			
		PlaceofResidence			
		CountryofResidence			
		Nationality			
		MainFunctionId			
		Current			
		OlympicSolidarity			
		ModificationIndicator			
		Discipline (1,1)			



	Code	
	IFId	
	RegisteredEvent (0,N)	
		Gender
		Event
		Bib
		EventEntry (0,N)
		Code
		Type
		Pos
		Value
	OfficialFunction (0,N)	
	FunctionId	

2.2.1.5 Message Values

Element: Competition (1,1)			
Attribute	M/O	Value	Description
Code	M	CC @Competition	Unique ID for competition Code is deprecated and value is duplicated in the header.

Element: Participant (1,N)			
Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Participant's ID. It identifies an athlete or an official and the holding participant's valid information for one particular period of time. It is used to link other messages to the participant's information. 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.



			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.
Parent	M	S(20) with no leading zeroes	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. The participant containing @Code attribute being the same as the @Parent attribute will be the one with the latest information for the participant. The @Parent attribute will only be different from @Code in the case that critical personal information has changed from previous competitions. The typical examples are Organisation (for change of country) or Name (particularly for women changing their name at marriage). Further to be clear, @Parent and @Code can only be different if Current = "false".
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)
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
Gender	M	CC @PersonGender	Participant's gender
Organisation	M	CC @Organisation	Organisation ID
BirthDate	O	YYYY-MM-DD	Date of birth. This information may not be known at the very beginning, but it will be completed for all participants after successive updates
Height	O	S(3)	Height in centimetres. It will be included if this information is available. This information is not needed in the case of officials/referees. "- " may be used where the data is not available.



Weight	O	S(3)	Weight in kilograms. It will be included if this information is available. This information is not needed in the case of officials/referees. "-" may be used where the data is not available.
PlaceofBirth	O	S(75)	Place of Birth
CountryofBirth	O	CC @Country	Country ID of Birth
PlaceofResidence	O	S(75)	Place of Residence
CountryofResidence	O	CC @Country	Country ID of Residence
Nationality	O	CC @Country	Participant's nationality. Although this attribute is optional, in very exceptional situations it will not be known, and for this reason not ready to be sent.
MainFunctionId	O	CC @ResultsFunction	Main function In the Case of Current="true" this attribute is Mandatory.
Current	M	boolean	It defines if a participant is participating in the games (true) or is a Historical participant (false).
OlympicSolidarity	O	Y or N	Flag to indicating if the participant participates in the Olympic Scholarship program.
ModificationIndicator	M	S(1)	'N' or 'U' Attribute is mandatory in the DT_PARTIC_UPDATE message only N-New participant (in the case that this information comes as a late entry) U-Update participant If ModificationIndicator='N', then include new participant to the previous bulk-loaded list of participants If ModificationIndicator='U', then update the participant to the previous bulk-loaded list of participants To delete a participant, a specific value of the Status attribute is used.

Element: Participant /Discipline (1,1)
All participating athletes will be assigned at least one discipline, it could be more. Each accredited official will be assigned at least one discipline, but it could be more. If an athlete or official is assigned to more than one discipline, it will be included in the participant message of both disciplines.



Attribute	M/O	Value	Description
Code	M	CC @Discipline	It is the discipline code used to fill the OdfBody @DocumentCode attribute.
IFId	O	S(16)	IAAF Athlete Code (competitor's federation number for the discipline). It will be included.

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
Gender	M	CC @DisciplineGender	Discipline Gender Code
Event	M	CC @Event	Event ID
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".

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
	Value	M	hh:mm:ss.ff or hh:mm:ss.f or hh:mm:ss or blank or Numeric #0.00 (metres)
			Athlete's personal best



			or Numeric #000 (points)	
ENTRY		PB_SUB	Numeric	Pos Description: For Decathlon send 1..10 For Heptathlon send 1..7 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	hh:mm:ss.ff or hh:mm:ss.f or hh:mm:ss or blank or Numeric #0.00 (metres)	Athlete's personal best in each combined event
ENTRY		QUAL_BEST	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	hh:mm:ss.ff or hh:mm:ss.f or hh:mm:ss or blank or	Athlete's qualifying best



			Numeric #0.00 (metres) or Numeric #000 (points)	
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	hh:mm:ss.ff or hh:mm:ss.f or hh:mm:ss or blank or Numeric #0.00 (metres) or Numeric #000 (points)	Athlete's season best The time's value and format depends on the event.
ENTRY		SB_SUB	Numeric	Pos Description: For Decathlon send 1..10 For Heptathlon send 1..7 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	hh:mm:ss.ff	Athlete's season best in each combined



			or hh:mm:ss.f or hh:mm:ss or blank or Numeric #0.00 (metres)	event
ENTRY		SUBSTITUTE	N/A	Element Expected: If it applies
	Attribute	M/O	Value	Description
	Value	M	S(1)	Send Y if the participant is a substitute/reserve otherwise do not send

Element: Participant /OfficialFunction (0,N)

Send if the official has optional functions. Do not send, otherwise.

Attribute	M/O	Value	Description
FunctionId	M	CC @ResultsFunction	Additional officials' function code

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.

A team is a type of competitor, being a group of two or more individual athletes participating together in one event. Pairs (tennis, figure skating, etc.) are also defined as team of two competitors. One team participates in one event of one discipline. When one team participates in multiple events, there will be one team for each event for the same group. Also when the same organisation participates in the same event twice, there will be different teams.

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

For equestrian one athlete and one horse are not considered a team, the horse is an attribute of the athlete.

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

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

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	DD0000000	DD is defined according to CC @Discipline
DocumentType	DT_PARTIC_TEAMS / DT_PARTIC_TEAMS_UP DATE	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	<p>Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight.</p> <p>If an event unit continues after midnight (24:00), all messages produced will be considered as happening at the logical date on which the event unit began (e.g. for a session which began at 21:00 on Aug 2 and ended at 1:20 on Aug 3, the message will all be dated Aug 2).</p> <p>The end of the logical day is defined by default at 03:00 a.m.</p> <p>For messages corrections, like invalidating medals or Records, it will be the LogicalDate of the day of the correction.</p> <p>Logical Date is expressed in the local time zone where the message was produced.</p>
Source	SC @Source	Code indicating the system which generated the message.
Serial	Numeric	<p>Sequence number (positive integer) for ODF messages.</p> <p>Serial starts with 1 each day for each Source.</p>

2.2.2.3 Trigger and Frequency

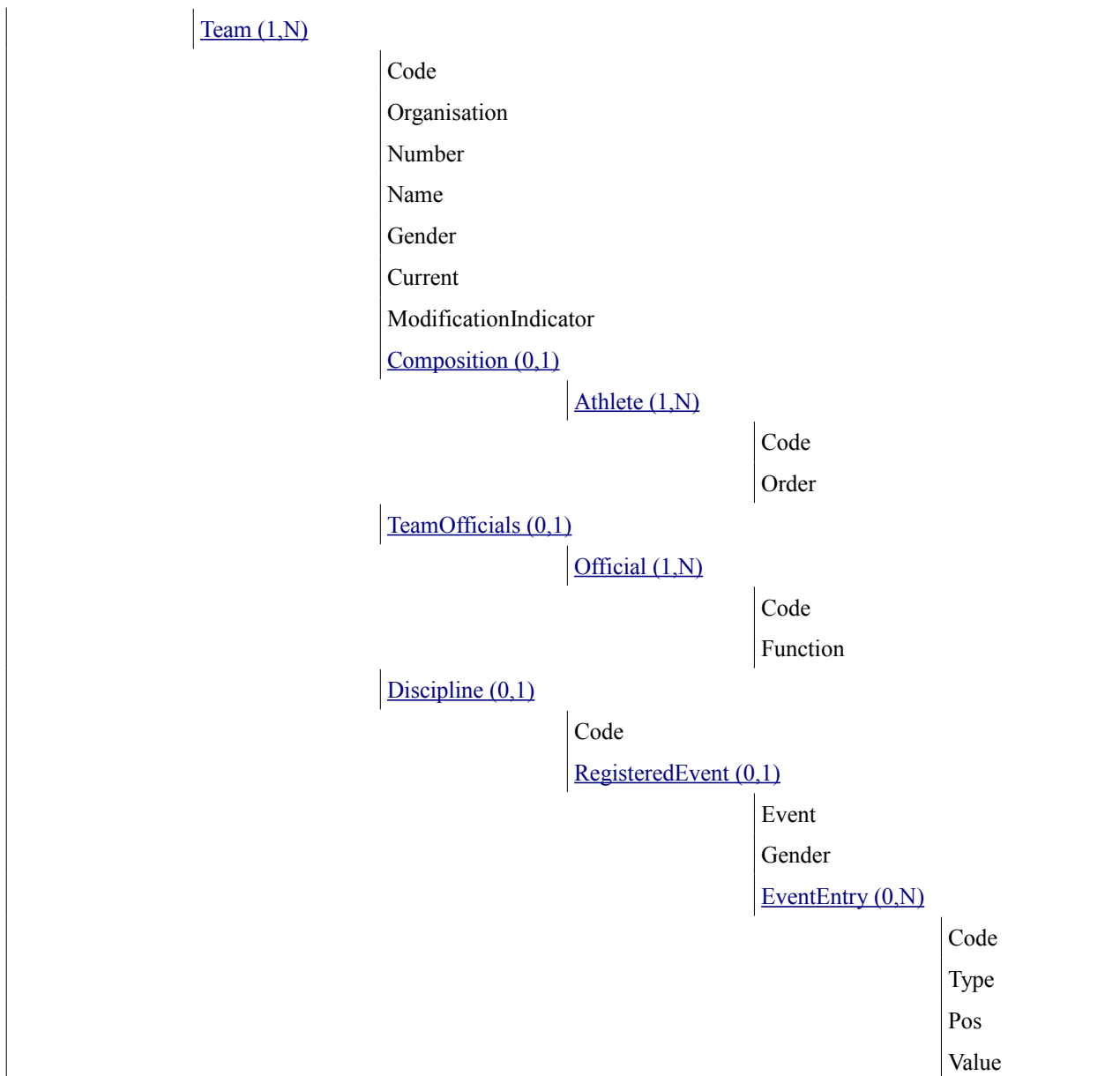
The DT_PARTIC_TEAMS message is sent as a bulk message approximately one month before the Games. It is sent several times up to the date of transfer of control to OVR after which only DT_PARTIC_TEAMS_UPDATE messages are sent.

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 (1,1)					
	Code				



2.2.2.5 Message Values

Element: Competition (1,1)			
Attribute	M/O	Value	Description
Code	M	<u>CC @Competition</u>	Unique ID for competition. Code is deprecated and value is duplicated in the header.



Element: Team (1,N)			
Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Team's ID (example ATM001ESP01, 393553) When the Team is an historical one, then this ID starts with "T".
Organisation	M	CC @Organisation	Team organisation's ID
Number	O	Numeric #0	Team's number. If there is not more than one team for one organisation participating in one event, it is 1. Otherwise, it will be incremental, 1 for the first organisation's team, 2 for the second organisation's team, etc. Required in the case of current teams.
Name	O	S(73)	Team's name. It will apply to some of the disciplines. If there is not any special rule for that discipline, send the Description of the code CC@Organisation. It is Optional in the case of List of Team Update when the @ ModificationIndicator=D
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 (1,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 /TeamOfficials /Official (1,N)
Send if there are specific officials for the team. Does not apply to historical teams.

Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Official's ID of the listed team's official. Therefore, he/she makes part of the team's officials.
Function	M	CC @ResultsFunction	Official's function for the team.

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	It must be the discipline code used to fill the OdfBody @DocumentCode attribute

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	Event ID
Gender	M	CC @DisciplineGender	Discipline Gender Code

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: Always This information can be sent only for update messages.
Attribute	M/O	Value	Description



	Value	M	hh:mm:ss.ff or hh:mm:ss.f or hh:mm:ss or blank	Team's national records The time's value and format depends on the event.
ENTRY		QUAL_BEST	N/A	Element Expected: Always This information can be sent in both messages.
	Attribute	M/O	Value	Description
	Value	M	hh:mm:ss.ff or hh:mm:ss.f or hh:mm:ss or blank	Team's qualifying best The time's value and format depends on the event
ENTRY		SB	N/A	Element Expected: Always This information can be sent in both messages.
	Attribute	M/O	Value	Description
	Value	M	hh:mm:ss.ff or hh:mm:ss.f	Team's season best The time's value and format depends on the event.



			or hh:mm:ss or blank	
--	--	--	-------------------------------	--

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	DDGEEPUU	DD according to CC @Discipline G according to CC @DisciplineGender EEE according to CC @Event P according to CC @Phase UU according to CC @Unit
DocumentType	DT_RESULT	Event Unit Start List and Results message
DocumentSubtype	Not used in AT	Not used in AT
Version	1..V	Version number associated to the message's content. Ascendant number
ResultStatus	SC @ResultStatus	Follow the general definition, taking also into account the following: * START_LIST: As soon as the start list is known and with any changes / IRMs before the start. * LIVE: as soon as the competition starts and after any addition / change in any data. * INTERMEDIATE: after the completion of every round / height in field events. * UNOFFICIAL / OFFICIAL: After all competitors have finished the unit
FeedFlag	"P"-Production "T"-Test	Test message or production message.
Date	Date	Date when the message is generated, expressed in the local time



		zone where the message was produced.
Time	Time	Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced.
LogicalDate	Date	<p>Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight.</p> <p>If an event unit continues after midnight (24:00), all messages produced will be considered as happening at the logical date on which the event unit began (e.g. for a session which began at 21:00 on Aug 2 and ended at 1:20 on Aug 3, the message will all be dated Aug 2).</p> <p>The end of the logical day is defined by default at 03:00 a.m.</p> <p>For messages corrections, like invalidating medals or Records, it will be the LogicalDate of the day of the correction.</p> <p>Logical Date is expressed in the local time zone where the message was produced.</p>
Source	SC @Source	Code indicating the system which generated the message.
StartListMod	S(1)	<p>Send Y if the start list has been changed with this message and the ResultStatus is not START_LIST. Do not send the attribute if it is not Y. Only send once for each start list change. In this case the full current message is sent with whatever is the current ResultStatus.</p> <p>The Start List is considered to be changed if any of the following changes:</p> <ul style="list-style-type: none"> * Competitors or athletes are added, changed or removed including in <ExtendedInfos /Competitor> * Any change in <Officials> * Any change in StartOrder or StartSortOrder * Any changes in <Coaches> * Any changes in <EventUnitEntry> <p>Changing descriptions is not considered a start list change.</p>
Serial	Numeric	<p>Sequence number (positive integer) for ODF messages.</p> <p>Serial starts with 1 each day for each Source.</p>

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. Possible information is:



* 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)

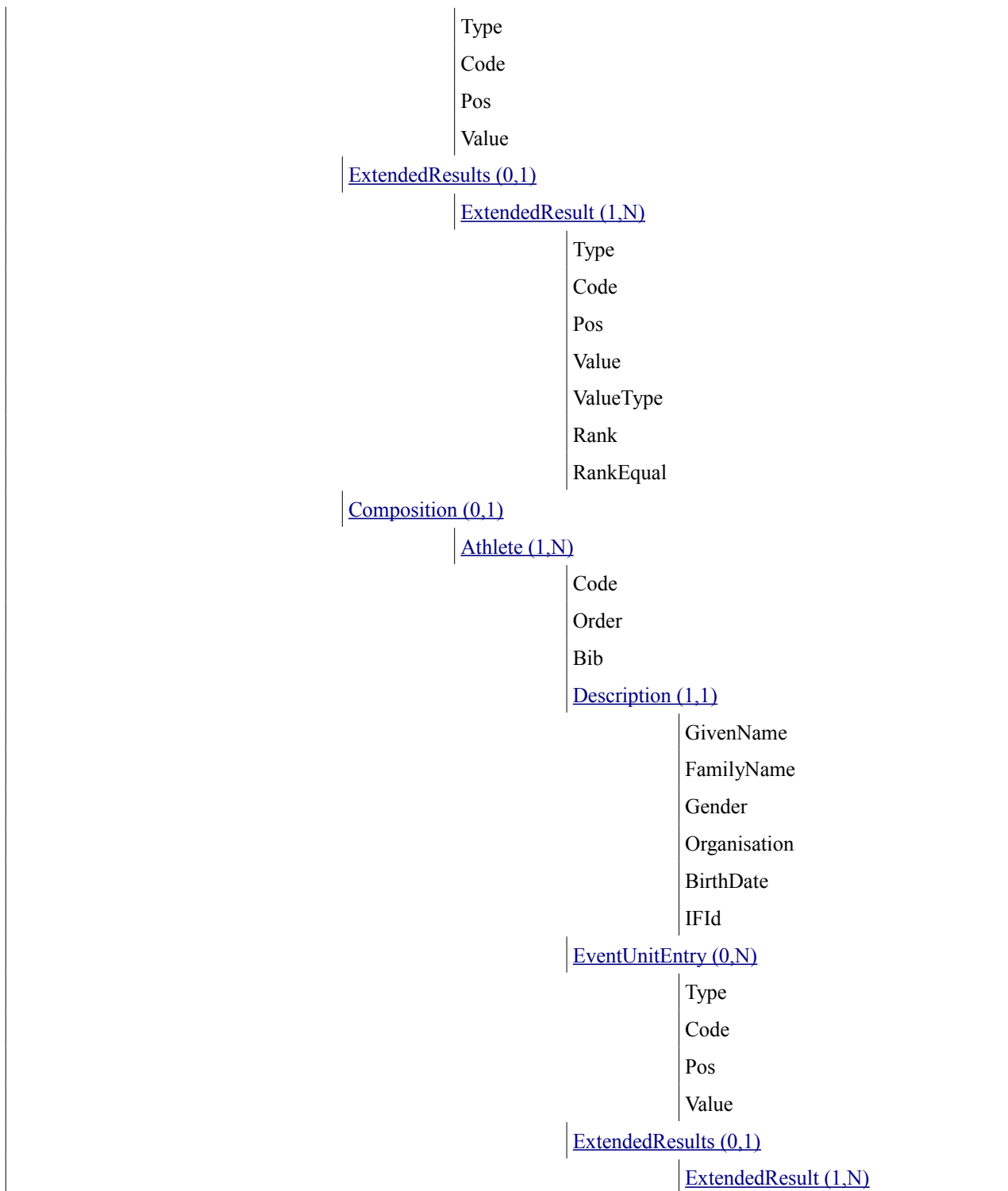
2.2.3.4 Message Structure

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	Level 9
<u>Competition (1,1)</u>								
	Code							
	<u>ExtendedInfos (0,1)</u>							
		<u>UnitDateTime (0,1)</u>						
			StartDate					
		<u>ExtendedInfo (0,N)</u>						
			Type					
			Code					
			Pos					
			Value					
			<u>Extension (0,N)</u>					
				Code				
				Pos				
				Value				
		<u>SportDescription (0,1)</u>						
			DisciplineName					
			EventName					



	Gender
	SubEventName
<u>VenueDescription (0,1)</u>	
	Venue
	VenueName
	Location
	LocationName
<u>Result (1,N)</u>	
	Rank
	RankEqual
	Result
	Unchecked
	IRM
	QualificationMark
	SortOrder
	StartOrder
	StartSortOrder
	ResultType
	Diff
<u>RecordIndicators (0,1)</u>	
	<u>RecordIndicator (1,N)</u>
	Order
	Code
	RecordType
	Equalled
<u>Competitor (1,1)</u>	
	Code
	Type
	Organisation
	<u>Description (0,1)</u>
	TeamName
<u>EventUnitEntry (0,N)</u>	





	Type
	Code
	Pos
	Value
	ValueType
	Rank
	RankEqual
	SortOrder
	Diff
	Move
	Extension (0,N)
	Code
	Pos
	Value

2.2.3.5 Message Values

Element: Competition (1,1)			
Attribute	M/O	Value	Description
Code	M	CC @Competition	Unique ID for competition Code is deprecated and value is duplicated in the header.

Element: ExtendedInfos /UnitDateTime (0,1)			
Scheduled start date and time. (where available update with actual start time)			
Actual start -and/or end- dates and times.			
Attribute	M/O	Value	Description
StartDate	M	DateTime	Actual start date and time. For multiday units, the start time is on the first day.

Element: ExtendedInfos /ExtendedInfo (0,N)			
Type	Code	Pos	Description
DISPLAY	CURRENT	Numeric #9	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		INTERMEDIATE_ATT TEMPT_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_C URRENT	N/A	Element Expected: Just for road events
	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 #9	Pos Description: Send the intermediate point for this competitor Element Expected: When LIVE 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
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	<p>For @Value: For vertical jumps send the Jumping height with two decimals.</p> <p>For track events send distance in metres from the start of the race up to the point:</p> <p>For 800m: 400, 600 and Finish</p> <p>For 1500m: 400, 800, 1200 and Finish</p> <p>For 3000m Steeplechase: 1000, 2000 and Finish</p> <p>For 5000m: 1000, 2000, 3000, 4000 and Finish</p> <p>For 10000m: 1000, 2000, 3000, 4000, 5000, 6000, 7000, 8000, 9000 and Finish</p> <p>For road events distance in kilometres or text from the start of the race up to the point:</p> <p>For 20km Race Walk: 2, 4, 6, 8, 10, 12,14,16, 18 and Finish</p> <p>For 50km Race Walk: 5,10,15, 20, 25, 30, 35, 40, 45 and Finish</p> <p>For Marathon: 5, 10, 15, 20, Half, 25, 30, 35, 40 and Finish</p>
UI	INTERMEDIATE_T ME	Numeric #0	Pos Description: Send number of intermediate point



			Element Expected: Just for individual track events over 400m and road events
Attribute	M/O	Value	Description
Value	M	h:mm:ss.ff	Time of the leader at this intermediate point (excluding finish point)
Sub Element: ExtendedInfos /ExtendedInfo /Extension Expected: Just for individual track events over 400m and road events			
Attribute	Value	Description	
Code	LEADER		
Pos	N/A	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	N/A	
Value	m:ss.ff	Time of last km	
UI	INTERMEDIATES_TOTAL	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
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
		SCORING_RESULT	Numeric	Pos Description:



UI				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)
Sub Element: ExtendedInfos /ExtendedInfo /Extension Expected: Just for combined event units				
	Attribute	Value	Description	
	Code	POINTS		
	Pos	N/A	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 performers (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	O	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. 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
Result	O	hh:mm:ss.ff or hh:mm:ss or blank 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
Unchecked	O	See table comment	Send "Y" if time is a transponder time or similar and needs to be validated by reading photo. Do not send if not "Y".
IRM	O	SC @IRM	The invalid rank mark for the particular event 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	O	Time	Display the time / value behind the leader. All fill when applicable, 0.0 for leader, negative for in front of leader, positive for behind. For example +3.45 means 3.45 sec behind the leader, -1.23 means -1.23 sec in front of (better than) the leader. Only for Road event units (time): Marathon, 20km Race Walk and 50km Race Walk.

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 cumulative result value(e.g. "ATM001000").
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	S(1)	Send "Y" in the case that the record has been equalled else do not send.

Element: Result /Competitor (1,1)

Competitor related to the result of one event unit.

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



Organisation	O	CC @Organisation	Competitor's organisation
--------------	---	----------------------------------	---------------------------

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

Competitors extended information.

Attribute	M/O	Value	Description
TeamName	O	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: Just for relays
	Attribute	M/O	Value
	Value	M	m:ss.ff or m:ss.f
	Description		Team's national record performance
EUE	SB	N/A	Element Expected: Just for relays
	Attribute	M/O	Value
	Value	M	m:ss.ff or m:ss.f
	Description		Team's season best.

Sample (EventUnitEntry)

```

....
<Competitor Code="T1020434" Type="T" Organisation="JAM">
  <Description ...>
  <EventUnitEntry Type="EUE" Code="SB" Pos="1" Value="38.76" />
  <EventUnitEntry Type="EUE" Code="NR" Pos="1" Value="37.58" />
....

```

Element: Result /Competitor /ExtendedResults /ExtendedResult (1,N)

only for relay event units

Type	Code	Pos	Description
ER	FALSE_START	N/A	Element Expected: If applies (just for Relay event units)
	Attribute	M/O	Value
	Value	M	S(n)
	Description		False start indication, e.g., "F1" or "F2"
ER	INTERMEDIATE	Numeric 0	Pos Description: Number of the intermediate point from 1 to 4 Element Expected:



				Just for 4x400m Relay event
	Attribute	M/O	Value	Description
	Value	M	m:ss.ff	Send the result time of the team at this intermediate point
	ValueType	O	SC @ResultType	ValueType should be used to describe the type of data @Value. CC @ResultType which will be TIME
	Rank	O	Text	Rank of the competitor for this specific ExtendedResult. Send the rank of the team at this intermediate point.
	RankEqual	O	Y	Send Y where Rank at this specific ExtendResult is equalled else not sent.
ER		REACT_TIME	N/A	Element Expected: Always (just for relay event units)
	Attribute	M/O	Value	Description
	Value	M	s.fff	Reaction time of the team
ER		RULE	N/A	Element Expected: If applies (just for Relay event units)
	Attribute	M/O	Value	Description
	Value	M	Text	Rule reference
ER		RC	N/A	Element Expected: If applicable
	Attribute	M/O	Value	Description
	Value	M	Y	Send Y, if at least on of the athletes (of this team) has a red card for behaviour in this unit (not second yellow yellow.)
ER		YC	N/A	Element Expected: If applicable
	Attribute	M/O	Value	Description
	Value	M	Y	Send Y, if at least on of the athletes (of this team) 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 at least one of the athletes (of this team) has a second yellow card for behaviour in this unit.
--	-------	---	---	---

Sample (ExtendedResults)

```

....
<Result Rank="1" ResultType="TIME" Result="3:00.38" QualificationMark="QbP" SortOrder="1">
  <RecordIndicators>
    <RecordIndicator Order="1" Code="ATM404000" RecordType="NR" />
  </RecordIndicators>
  <Competitor Code="ATM404TRI01" Type="T" Organisation="TRI" >
    <Description ??>
    <ExtendedResults>
      <ExtendedResult Type="ER" Code="REACT_TIME" Value="0.193" />
      <ExtendedResult Type="ER" Code="INTERMEDIATE" Pos="1" Value="44.97"
Value Type="TIME" Rank="1" />
      <ExtendedResult Type="ER" Code="INTERMEDIATE" Pos="2" Value="1:29.77"
Value Type="TIME" Rank="1" />
      <ExtendedResult Type="ER" Code="INTERMEDIATE" Pos="3" Value="2:15.89"
Value Type="TIME" Rank="3" />
      <ExtendedResult Type="ER" Code="INTERMEDIATE" Pos="4" Value="3:00.38"
Value Type="TIME" Rank="3" />
    </ExtendedResults>
    <Composition>
      ...
    </Composition>
  </Competitor>
</Result>
....

```

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

Element: Result /Competitor /Composition /Athlete /EventUnitEntry (0,N)				
for all event units except for relay				
Type		Code	Pos	Description
EUE		ERANK_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	Y	Identifies if the RANK_BEFORE in Combined Event is equalled. Only send if applicable
EUE		PB	N/A	Element Expected: Always when available
	Attribute	M/O	Value	Description
	Value	M	hh:mm:ss.ff or hh:mm:ss or blank or Numeric #0.00 (metres)	Athlete's personal best
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		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		SB	N/A	Element Expected: Always when available
	Attribute	M/O	Value	Description
	Value	M	hh:mm:ss.ff or hh:mm:ss or blank or Numeric #0.00 (metres)	Athlete's season best

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)				
Team member or individual athlete's extended result.				
Type	Code	Pos	Description	
ER	BEST_ATTEMPT_NUM	N/A	Element Expected: Just for horizontal jumps and throws event units	
	Attribute	M/O	Value	Description
	Value	M	Numeric #0	Best attempt number
ER	FALSE_START	N/A	Element Expected: Where applicable	
	Attribute	M/O	Value	Description
	Value	M	S(n)	False start indication, e.g., "F1" or "F3"
ER	IN_COMP	N/A	Element Expected: Just for vertical jumps (HJ and PV). Whenever known or changed	
	Attribute	M/O	Value	Description
	Value	M	S(1)	Send Y if athlete is still in competition, N otherwise
	INTERMEDIATE		Numeric 0	Pos Description:



ER				<p>Number of the intermediate point from 1 to n</p> <p>Number of intermediate point or jumping height from 1 to n according to the INTERMEDIATE element or number of attempt</p> <p>Element Expected: Just for 20km Race Walk, 50km Race Walk, Marathon and field events</p>
Attribute	M/O	Value	Description	
Value	O	m:ss.ff or h:mm:ss or Numeric #0.00 or S(1) 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)	
ValueType	O	SC @ResultType	ValueType should be used to describe the type of data @Value	
Rank	O	Text	Send the rank of athlete at this intermediate point (cumulative) only if @ValueType=TIME	
RankEqual	O	Y	Send Y where Rank at this specific ExtendResult is equalled else not sent. Only applicable for @ValueType=TIME	
SortOrder	M	Numeric	Is the order of all competitors at the intermediate considering also those without rank. Only applicable for @ValueType=TIME	
Diff	O	Time	The cumulative time behind from the leader at this intermediate. Format +m:ss.ff or +h:mm:ss or "0.0". Only applicable for ValueType=TIME	
Move	O	Numeric	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.	



			Just for 20km Race Walk, 50km Race Walk and Marathon.
Sub Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult /Extension Expected: Just for horizontal jumps and throws event units			
Attribute	Value	Description	
Code	AFTER_ATTEMPT_BEST		
Pos	N/A	N/A	
Value	Numeric #0.00	Best mark after the attempt	
Sub Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult /Extension Expected: Just 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	
Sub Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult /Extension Expected: Just 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 /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult /Extension Expected: Just for field events			
Attribute	Value	Description	



Code	AFTER_INTERMEDIATE_ERANK	
Pos	N/A	N/A
Value	S(1)	Send Y in case of the AFTER_INTERMEDIATE_RANK is an equalled rank
Sub Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult /Extension Expected: Just for field events		
Attribute	Value	Description
Code	AFTER_INTERMEDIATE_RANK	
Pos	N/A	N/A
Value	Text	Rank after all athletes finished this attempt
Sub Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult /Extension Expected: Just for field events		
Attribute	Value	Description
Code	AFTER_INTERMEDIATE_RECORD	
Pos	N/A	N/A
Value	CC @RecordType	Record code after all athletes finished this attempt
Sub Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult /Extension Expected: Just for field events		
Attribute	Value	Description
Code	AFTER_INTERMEDIATE_SORT_ORDER	
Pos	Numeric #0	N/A
Value	Numeric #0	Sort order after all athletes finished this attempt



Sub Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult /Extension Expected: Just for field and road event units.		
Attribute	Value	Description
Code	INTERMEDIATE_L AST_COMPETITOR	
Pos	N/A	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 /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult /Extension Expected: Just if applies		
Attribute	Value	Description
Code	RECORD_MARK	
Pos	N/A	N/A
Value	CC @RecordType	Send the record broken at this intermediate point
Sub Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult /Extension Expected: Just for horizontal jumps and throws event units		
Attribute	Value	Description
Code	RUNWAY_SPEED	
Pos	N/A	N/A
Value	Numeric #0.0	Run-up speed in km/h
Sub Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult /Extension Expected: Just for road events		
Attribute	Value	Description
Code	SECTION	
Pos	N/A	N/A



Value	m:ss.ff or h:mm:ss or mm:s	Send the time from the previous intermediate point (or start for first intermediate) to this one)		
Sub Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult /Extension Expected: Just for Triple Jump				
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 /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult /Extension Expected: Just for horizontal jumps: Long Jump and Triple Jump.				
Attribute	Value	Description		
Code	WIND_SPEED			
Pos	N/A	N/A		
Value	+/-Numeric +/-#0.0	Wind during the attempt in metres per second		
ER	IRM_INTERMEDIA TE	N/A	Element Expected: If applies	
	Attribute	M/O	Value	Description
	Value	M	Numeric #0	Intermediate which the athlete received the IRM value
ER	LAST_FALSE_STAR T	N/A		Element Expected: Just for individual track event units and Relays.
	Attribute	M/O	Value	Description
	Value	M	S(1)	Send Y if the competitor did a false start at the last start attempt, otherwise do not send
	LEG_SPLIT	N/A		Element Expected:



ER				Just for 4x400m Relay.
	Attribute	M/O	Value	Description
	Value	M	m:ss.ff	Time for the team member in the leg
	ValueType	O	SC @ResultType	ValueType should be used to describe the type of data @Value SC @ResultType which will be TIME
	Rank	O	Text	Send the rank for a team member in the leg
	RankEqual	O	Y	Send Y where Rank at this specific ExtendResult is equalled else not sent.
ER		ORDER_CURRENT	N/A	Element Expected: Just for horizontal jumps and throws event units
	Attribute	M/O	Value	Description
	Value	M	Numeric #0	Current starting order of the athlete. Initially is the event start order and is updated after third attempt
ER		ORDER_FINAL	N/A	Element Expected: Just for horizontal jumps and throws event units
	Attribute	M/O	Value	Description
	Value	M	Numeric #0	Starting order of the athlete after third attempt
ER		PHOTO	N/A	Element Expected: Just if applies for road evens only
	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		PTS	N/A	Element Expected: Just for combined events



	Attribute	M/O	Value	Description
	Value	M	Numeric ###0	Points at the event unit
ER		RC	N/A	Element Expected: If applicable
	Attribute	M/O	Value	Description
	Value	M	Y	Send Y is the athlete has a red card for behaviour in this unit (not second yellow yellow.)
ER		REACT_TIME	N/A	Element Expected: Just for track events with starting blocks. Up to and including 400m
	Attribute	M/O	Value	Description
	Value	M	s.fff	Reaction time of the athlete
ER		RULE	N/A	Element Expected: Just in case of athlete's disqualification
	Attribute	M/O	Value	Description
	Value	M	Text	Rule text
ER		WARNINGS	N/A	Element Expected: Just for 20km Race Walk and 50km Race Walk event units, if applies
	Attribute	M/O	Value	Description
	Value	M	SC @Warning	Concatenation (maximum 3) of warnings.
ER		WIND_SPEED	N/A	Element Expected: Just for events with wind reading (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: Just if applies for track less 300m and horizontal jumps. Only send for athlete that breaks any record.
	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.
ER		YC	N/A	Element Expected: If applicable
	Attribute	M/O	Value	Description
	Value	M	Y	Send Y is the athlete 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 is the athlete has a second yellow card for behaviour in this unit.

Sample (High Jump/Pole Vault)

```

....
<Result Rank="2" ResultType="DISTANCE" Result="2.33" SortOrder="2" StartOrder="7" StartSortOrder="7">
  <Competitor Code="1132385" Type="A" Organisation="NOC">
    <Composition>
      <Athlete Code="1132385" Order="1">
        <Description GivenName="Jon" FamilyName="Smith" Gender="M"
Organisation="SUI" BirthDate="1994-12-15" />
        <EventUnitEntry Type="EUE" Code="SB" Value="2.37" />
        <EventUnitEntry Type="EUE" Code="PB" Value="2.37" />
        <ExtendedResults>
          <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>
      </Athlete>
    </Composition>
  </Competitor>
</Result>
....

```

**Sample (Throwing Event)**

```
....
<Result Rank="1" ResultType="DISTANCE" Result="68.27" SortOrder="1" StartOrder="5" StartSortOrder="5">
  <Competitor Code="1119533" Organisation="SUI" Type="A">
    <Composition>
      <Athlete Code="1119533" Order="1">
        <Description GivenName="Jon" FamilyName="Smith" Gender="M"
Organisation="SUI" BirthDate="1994-12-15" />
        <EventUnitEntry Type="EUE" Code="SB" Value="70.66" />
        <EventUnitEntry Type="EUE" Code="PB" Value="70.66" />
        <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" Value="7" />
          <ExtendedResult Type="ER" Code="BEST_ATTEMPT_NUM"
Value="5" />
        </ExtendedResults>
      </Athlete>
    </Composition>
  </Competitor>
</Result>
....
```

Sample (Track Event)

```
....
<Result Rank="1" ResultType="TIME" Result="9.63" SortOrder="1" StartOrder="7" StartSortOrder="6">
  <RecordIndicators>
    <RecordIndicator Order="1" Code="ATM001000" RecordType="OR" />
  </RecordIndicators>
  <Competitor Code="1020434" Type="A" Organisation="JAM">
    <Composition>
      <Athlete Code="1020434" Order="1" Bib="2170">
        <Description GivenName="Usain" FamilyName="Bolt" Gender="M"
Organisation="JAM" BirthDate="1986-08-21" IFId="184559" />
        <EventUnitEntry Type="EUE" Code="SB" Value="9.76" />
        <EventUnitEntry Type="EUE" Code="PB" Value="9.58" />
        <ExtendedResults>
          <ExtendedResult Type="ER" Code="REACT_TIME" Value="0.165" />
          <ExtendedResult Type="ER" Code="WIND_SPEED" Value="+1.5" />
        </ExtendedResults>
      </Athlete>
    </Composition>
  </Competitor>
</Result>
....
```

**Sample (Road Event)**

```
....
<Result Rank="1" ResultType="TIME" Result="2:08:01" StartOrder="45" StartSortOrder="45" SortOrder="1">
  <Competitor Code="1043727" Type="A" Organisation="SUI" >
    <Composition>
      <Athlete Code="1043727" Order="1">
        <Description GivenName="Jon" FamilyName="Smith" Gender="M"
Organisation="SUI" BirthDate="1994-12-15" />
        <EventUnitEntry Type="EUE" Code="SB" Pos="1" Value="2:07:23" />
        <EventUnitEntry Type="EUE" Code="PB" Pos="1" Value="2:06:15" />
        <ExtendedResults>
          <ExtendedResult Type="ER" Code="INTERMEDIATE" Pos="1"
Value="15:23" ValueType="TIME" Rank="4" SortOrder="4" Diff="+0:06" >
            <Extension Code="SECTION" Value="15:23" />
          </ExtendedResult>
          <ExtendedResult Type="ER" Code="INTERMEDIATE" Pos="2"
Value="30:46" ValueType="TIME" Rank="6" SortOrder="6" Diff="+0:08" >
            <Extension Code="SECTION" Value="15:23" />
          </ExtendedResult>
          ....
          <ExtendedResult Type="ER" Code="INTERMEDIATE" Pos="9"
Value="2:01:12" ValueType="TIME" Rank="1" SortOrder="1" Diff="0:00" >
            <Extension Code="SECTION" Value="15:08" />
          </ExtendedResult>
        </ExtendedResults>
      </Athlete>
    </Composition>
  </Competitor>
</Result>
....
```

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.

Results Analysis is only used in sports where the results can be split and may not need to be updated as frequently. For example detailed splits in triathlon and diving details.

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	DDGEEPUU	DD according to CC @Discipline G according to CC @DisciplineGender EEE according to CC @Event P according to CC @Phase UU according to CC @Unit This message is used for track events over 400m.
DocumentType	DT_RESULT_ANALYSIS	Event Unit Result Analysis message
DocumentSubtype	Not used in AT	Not used in AT
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 OFFICIAL UNOFFICIAL INTERMEDIATE (used when the competition is not finished but not currently live) LIVE (used during the competition when nothing else applies) UNCONFIRMED (used after the competition is completed and before either UNOFFICIAL or OFFICIAL. It may be sent multiple times if modifications are required)
FeedFlag	"P"-Production "T"-Test	Test message or production message.
Date	Date	Date when the message is generated, expressed in the local time zone where the message was produced.
Time	Time	Time up to milliseconds when the message is generated,



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

2.2.4.3 Trigger and Frequency

This message is then sent with ResultStatus 'LIVE' as soon as the unit starts and continues to be triggered on all updates.

* 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).

* After the round is complete (UNOFFICIAL / 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	Level 8
Competition (1,1)							
	Code						
	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		
	RecordIndicators (0,1)		
		RecordIndicator (1,N)	
			Order
			Code
			RecordType
			Equalled
	Competitor (1,1)		
		Code	
		Type	
		Organisation	
		Description (0,1)	
			TeamName
		Composition (0,1)	
			Athlete (1,N)
			Code



Order		
Bib		
<u>Description (1,1)</u>		
	GivenName	
	FamilyName	
	Gender	
	Organisation	
	BirthDate	
	IFId	
<u>ExtendedResults (0,1)</u>		
	<u>ExtendedResult (1,N)</u>	
		Type
		Code
		Pos
		Value
		ValueType
		Rank
		RankEqual
		SortOrder

2.2.4.5 Message Values

Element: Competition (1,1)			
Attribute	M/O	Value	Description
Code	M	CC @Competition	Unique ID for competition Code is deprecated and value is duplicated in the header.

Element: ExtendedInfos /UnitDateTime (0,1)			
Scheduled start date and time.			
Actual start and/or end dates and times.			
Attribute	M/O	Value	Description
StartDate	O	DateTime	Actual start date and time. For multiday units, the start



			time is on the first day.
--	--	--	---------------------------

Element: ExtendedInfos /ExtendedInfo (0,N)			
Type	Code	Pos	Description
UI	INTERMEDIATES	N/A	Element Expected: Send just for track events over 400m
	Attribute	M/O	Value
	Value	M	Numeric #0
			Description
UI	INTERMEDIATE	Numeric #0	Pos Description: Send the intermediate point number, from 1 to n Element Expected: Send just for track events over 400m
	Attribute	M/O	Value
	Value	M	S(n)
			Description
			Distance in metres from the start of the race up to the point, "FINISH" for last point.

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. 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
Result	O	hh:mm:ss.ff	The result of the competitor in the event unit. Send just in the case @ResultType is TIME
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 if not "Y".
IRM	O	SC @IRM	The invalid rank mark for the particular event unit, in case it is assigned. Send just in the case @ResultType is IRM
SortOrder	M	Numeric	Used to sort all the results of an event unit.



			<p>Before the competition this will be the same as the StartSortOrder and is used as the primary sort.</p> <p>During competition 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.</p> <p>It is mostly based on the rank, but it should be used to sort out rank ties as well as results without rank.</p>
StartOrder	O	Numeric	Lane or Competitor's start order in the start list
StartSortOrder	M	Numeric	<p>Used to sort all start list competitors in an event unit.</p> <p>This attribute is a sequential number with the order of the results for the particular event unit, if they were to be presented. It is mostly based on the rank, but it should be used to sort out rank ties as well as results without rank.</p>
ResultType	M	SC @ResultType	<p>Type of the @Result attribute.</p> <p>Result type, either time or IRM for the corresponding event unit</p>

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 (e.g. "ATM015000").
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	S(1)	Send "Y" in the case that the record has been equalled else do not send.

Element: Result /Competitor (1,1)

Competitor related to the result of one event unit.

Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes or TBD or	Competitor's ID or TBD in case that the competitor is unknown at this time but will be available



		NOCOMP	NOCOMP is sent when there is no competitor (and will not come later)
Type	M	T,A	T for team A for athlete
Organisation	O	CC @Organisation	Competitor's organisation

Element: Result /Competitor /Description (0,1)			
Competitors extended information.			
Attribute	M/O	Value	Description
TeamName	O	S(73)	Name of the team.

Element: Result /Competitor /Composition /Athlete (1,N)			
Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Athletes ID. Can belong to a team member or an individual athlete.
Order	M	Numeric	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

Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult (1,N)			
Team member or individual athlete's extended result.			
Type	Code	Pos	Description
ER	INTERMEDIATE	Numeric 0	Pos Description: Number of the intermediate point from



				1 to x that are provided by transponders Element Expected: Just for track events over 400m
Attribute	M/O	Value	Description	
Value	O	m:ss.f	Time result from the start of the race up to this intermediate point	
ValueType	O	SC @ResultType	ValueType should be used to describe the type of data @Value	
Rank	O	Text	Rank of the competitor for this specific ExtendedResult. Send the rank of athlete at this intermediate point (cumulative)	
RankEqual	O	Y	Send Y where Rank at this specific ExtendResult is equalled else not sent.	
SortOrder	M	N	Similar to rank but considering all competitors (those with IRM or no rank at this ExtendedResult. Is the order of all competitors at the intermediate considering also those without rank.	



Sample (Results Analysis)

```
<ExtendedInfos>
  <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">
  <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" />
        <ExtendedResults>
          <ExtendedResult Type="ER" Code="INTERMEDIATE" Pos="1" Value="15.8"
          ValueType="TIME" Rank="6" SortOrder="6" />
          <ExtendedResult Type="ER" Code="INTERMEDIATE" Pos="2" Value="32.2"
          ValueType="TIME" Rank="5" SortOrder="5" />
          ....
        </ExtendedResults>
      </Athlete>
    </Composition>
  </Competitor>
</Result>
....
```

2.2.4.6 Message Sort

Message sorting is the same as in the DT_RESULTS message



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

2.2.5.3 Trigger and Frequency

Trigger and frequency defined in ORIS (or PRIS) or may be varied in the sport specific data dictionary.

Trigger also after any change.

2.2.5.4 Message Structure

The following table defines the structure of the message.

Level 1	Level 2	Level 3	Level 4
Competition (1,1)	Code Image (1,N)	Pos Version Revision ImageType ImageData (1,1)	-



2.2.5.5 Message Values

Element: Competition (1,1)			
Attribute	M/O	Value	Description
Code	M	CC @Competition	Unique ID for competition Code is deprecated and value is duplicated in the header.

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. In the case of different holes in golf the numbers 1..18 could be used.
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 /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)

2.2.5.6 Message Sort

Sort by Competition /Image /Pos



2.2.6 Phase Results

2.2.6.1 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.

The message is used to send an intermediate summary of results (including rank) part way through a phase. In this case, the DocumentSubtype is used to specify the last event unit that contributed results to the message.

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	DDGEEPUU	DD according to CC @Discipline G according to CC @DisciplineGender EEE according to CC @Event P according to CC @Phase UU according to CC @Unit (usually 00) It is expected only for qualification phases of tracks, field and relay events.
DocumentType	DT_PHASE_RESULT	Phase Results message
DocumentSubtype	CC @Unit	That would represent the cumulative results up to the referenced event unit. This type of DocumentSubtype only be used just for the next events: * Track events * Field events * Relays events * Combined events
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	Test message or production message.



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

2.2.6.3 Trigger and Frequency

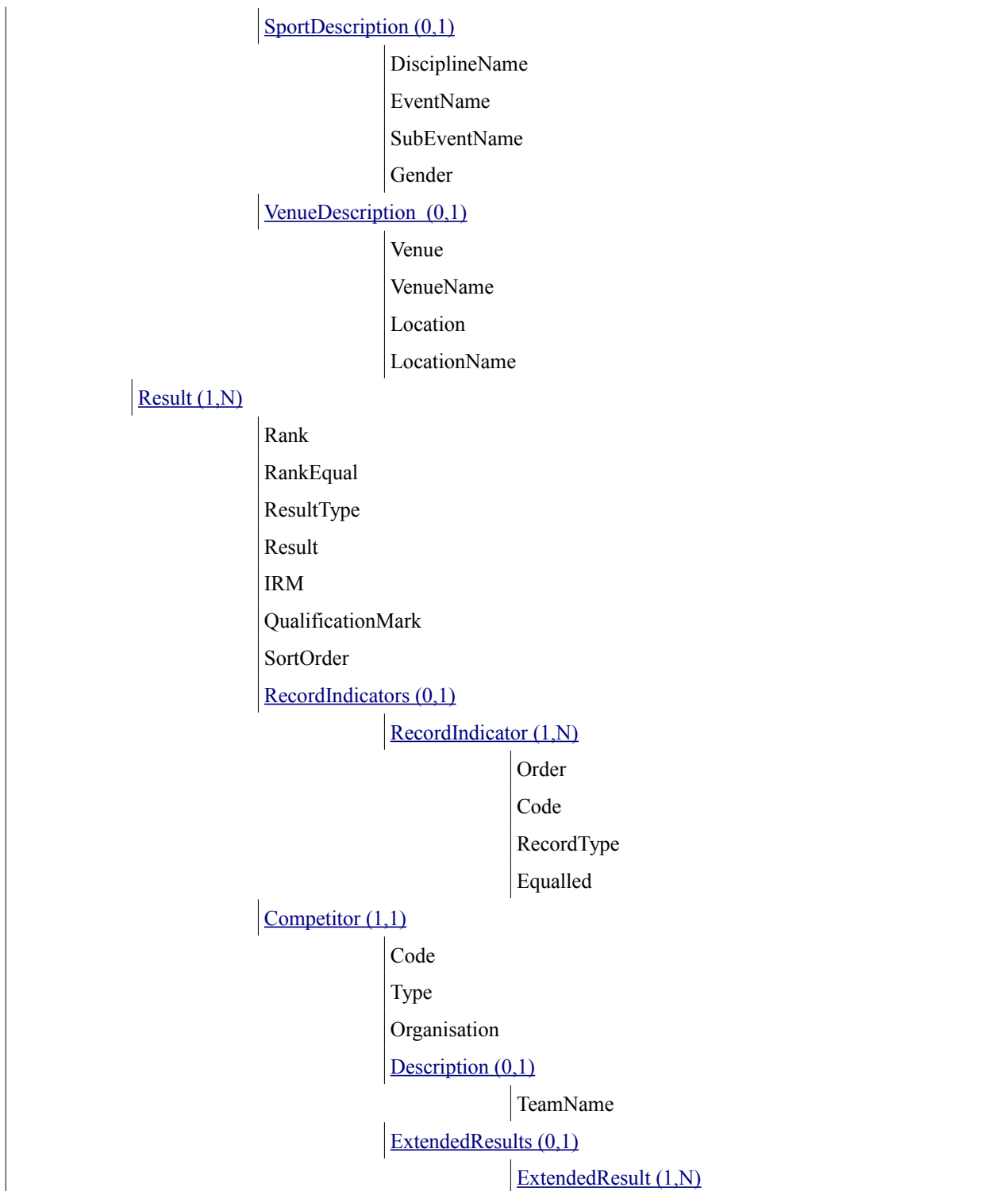
Send as follows:

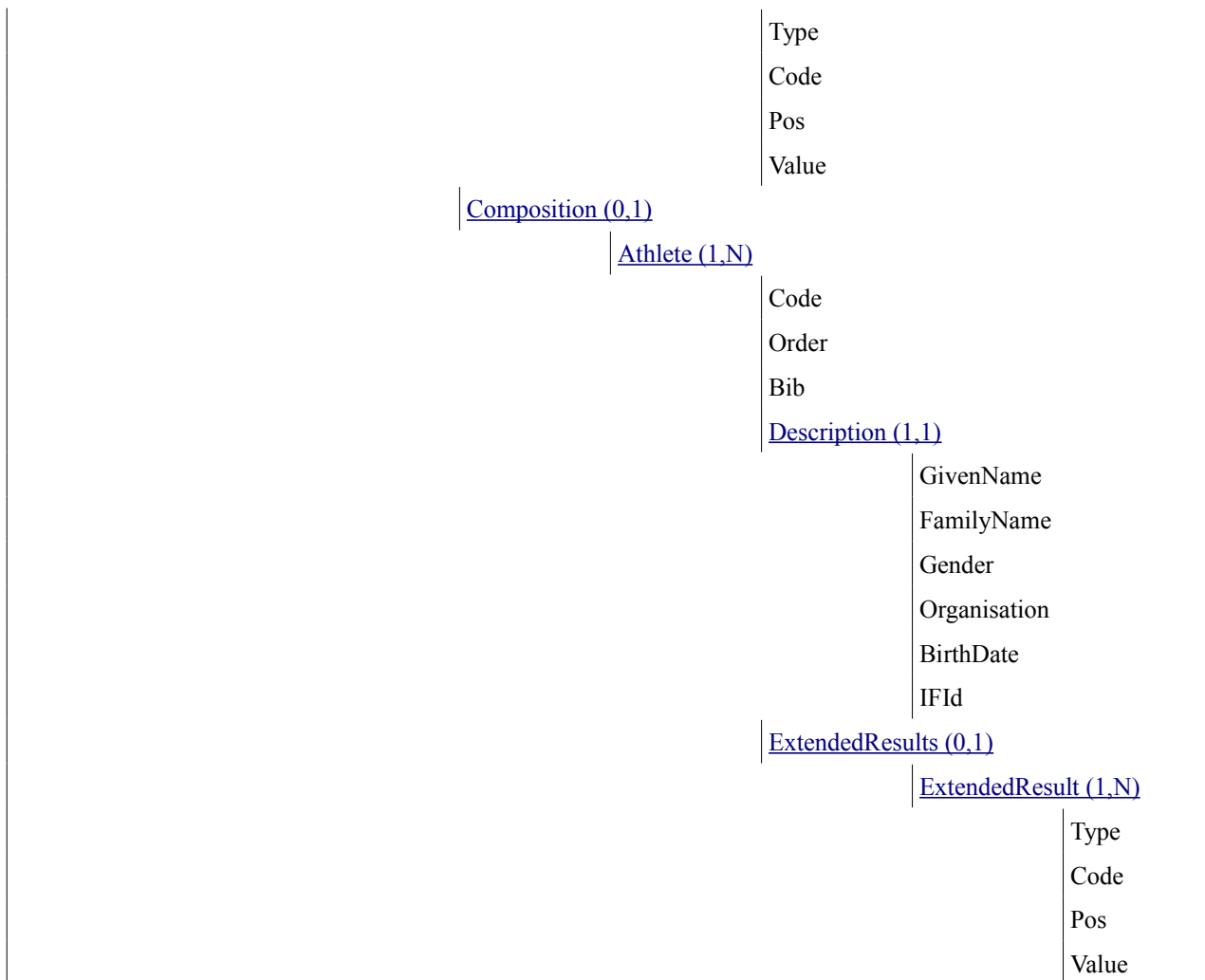
- * Send after every attempt in field events excluding combined events (LIVE).
- * Send after each unit in the phase (INTERMEDIATE). Do not send data for units which have not started.
- * Send as UNCONFIRMED / UNOFFICIAL / OFFICIAL when all units are complete.

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
Competition (1,1)							
	Code						
	ExtendedInfos (0,1)						





2.2.6.5 Message Values

Element: Competition (1,1)			
Attribute	M/O	Value	Description
Code	M	CC @Competition	Unique ID for competition Code is deprecated and value is duplicated in the header.

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

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 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	Type of the @Result attribute. Result type, either time or distance or IRM for the corresponding phase. It will be TIME just for Track events, for Relays events, having at the header the DocumentSubtype DDGEEPUU unless IRM applies. It could be DISTANCE just for Field events, having at the header the DocumentSubtype DDGEEPUU unless IRM applies.
Result	O	h:mm:ss.ff or Numeric	The result of the competitor in the phase. Send just in the case @ResultType is Time or Distance For distance: in metres



		#0.00	
IRM	O	SC @IRM	The invalid rank mark, in case it is assigned. Send just in the case @ResultType is IRM
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 /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. Can use the Order column from CC @RecordType for reference).
Code	M	CC @RecordCode	Code which describes the record broken by the result value (e.g. "ATM001000").
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	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	T,A	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	O	S(73)	Name of the team.
----------	---	-------	-------------------

Element: Result /Competitor /ExtendedResults /ExtendedResult (1,N)				
Team competitor's extended results.				
	Type	Code	Pos	Description
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" or "F3"
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
--	-------	---	-----------------------	---------------------------

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

Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Athlete's ID, corresponding to 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

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

Team member's or individual athlete's extended result, depending on whether Competitor @Type="T" or Competitor @Type="A".

Type	Code	Pos	Description
ER	FALSE_START	N/A	Element Expected: If it applies
	Attribute	M/O	Value
	Value	M	S(n)
			Description
ER	LAST_QUAL	N/A	Element Expected: All qualifying phases
	Attribute	M/O	Value
	Value	M	S(1)
			Description
	RULE	N/A	Element Expected:



ER				Just in case of athlete's disqualification
	Attribute	M/O	Value	Description
	Value	O	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: Just if applies for track less 300m and horizontal jumps. Only send for athlete that breaks any record.
	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.



Sample (Phase Results)

```
....
<Result Rank="1" ResultType="TIME" Result="48.33" QualificationMark="QbP" SortOrder="1">
  <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" />
        <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>
      </Athlete>
    </Composition>
  </Competitor>
</Result>
....
```

2.2.6.6 Message Sort

Result @SortOrder will be the attribute used to sort the results, as the attribute @SortOrder is defined in each of the ODF Sport Data Dictionaries. Other @Order attributes will usually be used to order the rest of elements, as these elements are being requested in each of the ODF Sport Data Dictionary Documents.



2.2.7 Cumulative Results

2.2.7.1 Description

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

In Athletics, the Cumulative Results message is used only in combined events to send an intermediate summary of results (including rank) part way through the combined event. In this case, the DocumentSubtype is used to specify the last combined phase that contributed results to the 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	DDGEEE000	DD according to CC @Discipline G according to CC @DisciplineGender EEE according to CC @Event
DocumentType	DT_CUMULATIVE_RES ULT	Cumulative Results message
DocumentSubtype	DDGEEEP00	It is the DocumentCode code up to the moment the cumulative message contains information: E.g.: DDGEEEP00 would be cumulative results up to the end of the referenced phase That would represent the cumulative results up to the referenced phase. This type of DocumentSubtype will only be used in combined events.
Version	1..V	Version number associated to the message's content. Ascendant number
ResultStatus	SC @ResultStatus	It indicates the status of the results LIVE INTERMEDIATE UNCONFIRMED OFFICIAL UNOFFICIAL PROTESTED
FeedFlag	"P"-Production	Test message or production message.



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

2.2.7.3 Trigger and Frequency

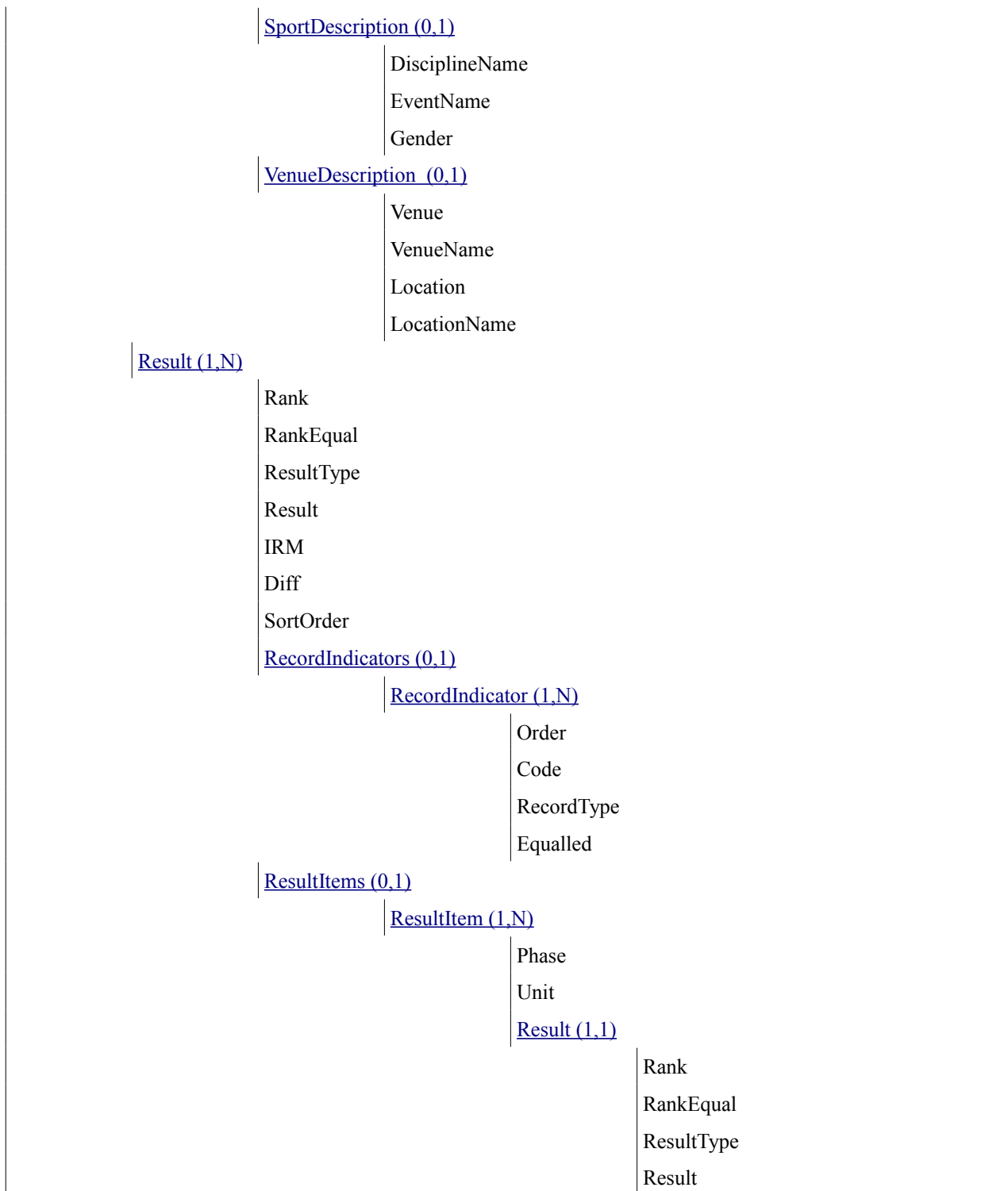
The cumulative results accumulate results over a number of units so are generally sent after each DT_RESULT message if the cumulative message applies (using same ResultStatus at DT_RESULT). When there is no unit in progress the cumulative results will have INTERMEDIATE status.

* Send after each unit is completed.

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 (1,1)							
	Code						
	ExtendedInfos (0,1)						





2.2.7.5 Message Values

Element: Competition (1,1)			
Attribute	M/O	Value	Description
Code	M	CC @Competition	Unique ID for competition Code is deprecated and value is duplicated in the header.

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

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
Location	M	CC @Location	Location code
LocationName	M	S(30)	Location 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	Y	Identifies if a rank has been equalled. Only send if applicable
ResultType	O	SC @ResultType	Type of the @Result attribute. Result type, either time or distance or points or IRM for



			<p>the cumulative result.</p> <p>It will be POINTS just for Combined events having at the header the DocumentSubtype DDGEEEE00 unless IRM applies.</p>
Result	O	Numeric ###0	<p>The cumulative result of the competitor.</p> <p>Send just in the case @ResultType is POINTS</p> <p>For points (for the Overall Results of the Combined Events): numeric with a maximum of 4 digits</p>
IRM	O	SC @IRM	<p>The invalid rank mark for the cumulative result, in case it is assigned.</p> <p>Send just in the case @ResultType is IRM</p>
Diff	O	Numeric ###0	Points behind leader. 0 for the leader.
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 /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(e.g. "ATM001000").
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	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 either phase or unit, for the schedule item to which it is going to be included the result summary. ResultItem /Result will be for either one particular previous phase -identified by @Phase- or unit (if @Unit is also informed or just phase otherwise.



Attribute	M/O	Value	Description
Phase	M	CC @Phase	Phase code of the latest RSC schedule item (either phase or unit) to which the cumulative results is updated to.
Unit	O	CC @Unit	This attribute is mandatory only if the CC @Unit is different of 00. Unit code of the latest RSC schedule item to which the cumulative results is updated to. It should be informed just in the case the latest schedule item is an event unit. Otherwise, do not include.

Element: Result /ResultItems /ResultItem /Result (1,1)

For any Event Unit Results message, there should be at least one competitor being awarded a result

Attribute	M/O	Value	Description
Rank	O	Text	Rank of the competitor in the result for the phase identified by /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. It could be TIME for Track events or DISTANCE for Field.
Result	O	m:ss.ff or Numeric #0.00	The result of the competitor for the event unit or phase identified by /ResultItems /ResultItem Send just in the case @ResultType is TIME or DISTANCE For distance: in metres
ResultPoints	O	Numeric ###0	Convert the performance to points, numeric with a maximum of 4 digits.
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 an event unit or phase identified by /ResultItems /ResultItem

Element: Result /ResultItems /ResultItem /Result /Extension (0,N)



Extensions of ResultItem if required.			
Type	Code	Pos	Description
	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
	TOTAL_PTS	N/A	Element Expected: Always
Attribute	M/O	Value	Description
Value	M	Numeric ####0	Total Points after the athlete has completed the event unit
	RANK	N/A	Element Expected: Always
Attribute	M/O	Value	Description
Value	M	Text	Total rank after the athlete has completed the event unit
	ERANK	N/A	Element Expected: If applies
Attribute	M/O	Value	Description
Value	M	Y	Send "Y" if the total rank is equalled else do not send.
	SORT_ORDER	N/A	Element Expected: Always
Attribute	M/O	Value	Description
Value	M	Numeric	Similar to rank but considering all competitors (including those with no rank)

Element: Result /ResultItems /ResultItem /Result /RecordIndicators /RecordIndicator (1,1)			
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 (e.g. "ATM001000"). 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	S(1)	Send Y in the case that the record has been equalled else do not send.

Element: Result /Competitor (1,1)

Competitor related to one cumulative result.

Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes Or Organisation code in the case of NOC or NPC	Competitor's ID
Type	M	T,A	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	O	S(73)	Name of the team.

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

Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Athlete's ID, corresponding to 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)	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 (Cumulative Results)

```

<Result Rank="1" ResultType="POINTS" Result="1554" SortOrder="1" Diff="0">
  <ResultItems>
    <ResultItem Phase="A">
      <Result Rank="27" ResultType="TIME" Result="10.23" ResultPoints="845" >
        <Extension Code="WIND_SPEED" Value="+1.3" />
        <Extension Code="TOTAL_PTS" Value="845" />
        <Extension Code="RANK" Value="27" />
        <Extension Code="SORT_ORDER" Value="27" />
      </Result>
    </ResultItem>
    <ResultItem Phase="B">
      <Result Rank="18" ResultType="DISTANCE" Result="7.23" ResultPoints="709" >
        <Extension Code="WIND_SPEED" Value="-1.1" />
        <Extension Code="TOTAL_PTS" Value="1554" />
        <Extension Code="RANK" Value="1" />
        <Extension Code="SORT_ORDER" Value="1" />
      </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>
....

```

2.2.7.6 Message Sort

Sort by Result @SortOrder



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)

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	DD0000000	DD according to CC @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. If an event unit continues after midnight (24:00), all messages produced will be considered as happening at the logical date on which the event unit began (e.g. for a session which began at 21:00 on Aug 2 and ended at 1:20 on Aug 3, the message will all be dated Aug 2). The end of the logical day is defined by default at 03:00 a.m. For messages corrections, like invalidating medals or Records, it will be the LogicalDate of the day of the correction.



		Logical Date is expressed in the local time zone where the message was produced.
Source	SC @Source	Code indicating the system which generated the message.
Serial	Numeric	Sequence number (positive integer) for ODF messages. Serial starts with 1 each day for each Source.

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
Competition (1,1)								
	Code							
	ExtendedInfos (0,1)							
		SportDescription (0,1)						
			DisciplineName					
	Record (1,N)							
		Code						
		Description (1,1)						
			Name					
		RecordType (1,N)						
			Order					
			RecordType					
			Subcode					
			Shared					
			RecordData (0,N)					
				Order				
				ResultType				
				Result				



Unit
Country
Place
Date
Time
Equalled
Competition
Historical
Current
ModificationIndicator
<u>Extension (0,N)</u>
Code
Pos
Value
Type
<u>Competitor (0,1)</u>
Code
Type
Organisation
<u>Description (0,1)</u>
TeamName
<u>Composition (0,1)</u>
<u>Athlete (1,N)</u>
Code
Order
<u>Description (0,1)</u>
GivenName
FamilyName
Gender
Organisation



	BirthDate
	IFId

2.2.8.5 Message Values

Element: Competition (1,1)			
Attribute	M/O	Value	Description
Code	M	CC @Competition	Unique ID for competition

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 for 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
--------	---	------	---

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

RecordData is not sent for NotEstablished Records

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	M	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
Unit	O	Concatenation of the following: CC @Discipline CC @DisciplineGender CC @Event CC @Phase CC @Unit	Include the event unit in the current competition where the record was broken. It is the full RSC in the format DDGEEPUU. 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 being listed in the message was not achieved during the current competition. Send "N" if the record for the competitor being listed in the message 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
	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
	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 Numeric #0.00 (metres)	Send the time or distance obtained at each phase of the Combined Event record.
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 #0	Order attribute used to sort team members in a team if Competitor @Type="T" or 1 if Competitor @Type="A".

Element: Record /RecordType /RecordData /Competitor /Composition /Athlete /Description (0,1)			
Athletes extended information.			
Attribute	M/O	Value	Description
GivenName	O	S(25)	Given name in WNPA format (mixed case)
FamilyName	M	S(25)	Family name in WNPA format (mixed case)
Gender	M	CC @PersonGender	Gender of the athlete
Organisation	M	CC @Organisation	Athletes' organisation
BirthDate	O	Date	Birth date (example: YYYY-MM-DD). Must include if the data is available
IFId	O	S(16)	International Federation ID

2.2.8.6 Message Sort

The following order applies:

- RecordType @Order
- RecordData, in the case Current=Y. Then send first the competitor who most recently broke/equalled the record.



2.2.9 Configuration

2.2.9.1 Description

The Configuration is a message containing general configuration.

Ideally the configuration should be provided before competition. However it may be possible that the configuration for one particular event, phase or event unit is not known in advance. In that case send the unknown attributes blank (Value="").

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	DD0000000	DD according to CC @Discipline
DocumentType	DT_CONFIG	Configuration message
Version	1..V	Version number associated to the message's content. Ascendant number
FeedFlag	"P"-Production "T"-Test	Test message or production message.
Date	Date	Date when the message is generated, expressed in the local time zone where the message was produced.
Time	Time	Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced.
LogicalDate	Date	<p>Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight.</p> <p>If an event unit continues after midnight (24:00), all messages produced will be considered as happening at the logical date on which the event unit began (e.g. for a session which began at 21:00 on Aug 2 and ended at 1:20 on Aug 3, the message will all be dated Aug 2).</p> <p>The end of the logical day is defined by default at 03:00 a.m.</p> <p>For messages corrections, like invalidating medals or Records, it will be the LogicalDate of the day of the correction.</p> <p>Logical Date is expressed in the local time zone where the</p>



		message was produced.
Source	SC @Source	Code indicating the system which generated the message.
Serial	Numeric	Sequence number (positive integer) for ODF messages. Serial starts with 1 each day for each Source.

2.2.9.3 Trigger and Frequency

The message is sent prior to any ODF Sports message, if requested by one particular discipline (ODF Sport Data Dictionary).

Depending on the data required in this message (sport by sport) the sport data dictionary may add or modify the triggering requirements.

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

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
Competition (1,1)	Code Configs (1,1)	Config (1,N)	Gender Event Phase ExtendedConfig (1,N)	Type Code Pos Value

2.2.9.5 Message Values

Element: Competition (1,1)			
Attribute	M/O	Value	Description



Code	M	CC @Competition	Unique ID for competition
------	---	---------------------------------	---------------------------

Element: Configs /Config (1,N)			
Attribute	M/O	Value	Description
Gender	M	CC @DisciplineGender	Gender code of the RSC. Include if information is by Gender, by Event, by Phase or by Event Unit. Otherwise, do not include.
Event	M	CC @Event	Event code of the RSC. Include if information is by Event, by Phase or by Event Unit. Otherwise, do not include.
Phase	O	CC @Phase	Phase code of the RSC. Include if information is by Phase or by Event Unit. Otherwise, do not include. Only needed for combined events

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



Sample (Configuration)

```
....
<Configs>
  <Config Gender="M" Event="001">
    <ExtendedConfig Type="EC" Code="START_IN_LANES" Value="Y" />
    <ExtendedConfig Type="EC" Code="CATEGORY" Value="A" />
  </Config>
  <Config Gender="M" Event="002" >
    <ExtendedConfig Type="EC" Code="START_IN_LANES" Value="Y" />
    <ExtendedConfig Type="EC" Code="CATEGORY" Value="A" />
  </Config>
....

  <Config Gender="M" Event="900" Phase="A" >
    <ExtendedConfig Type="EC" Code="START_IN_LANES" Value="Y" />
    <ExtendedConfig Type="EC" Code="CATEGORY" Value="A" />
  </Config>
  <Config Gender="M" Event="900" Phase="B" >
    <ExtendedConfig Type="EC" Code="CATEGORY" Value="C" />
  </Config>
  <Config Gender="M" Event="900" Phase="C" >
    <ExtendedConfig Type="EC" Code="CATEGORY" Value="B" />
  </Config>
  <Config Gender="M" Event="900" Phase="D" >
    <ExtendedConfig Type="EC" Code="CATEGORY" Value="D" />
  </Config>
  <Config Gender="M" Event="900" Phase="E" >
    <ExtendedConfig Type="EC" Code="START_IN_LANES" Value="Y" />
    <ExtendedConfig Type="EC" Code="CATEGORY" Value="A" />
  </Config>
....
```

2.2.9.6 Message Sort

There is no general message sorting rule.



2.2.10 Event Unit Weather conditions

2.2.10.1 Description

The "Event Unit Weather Conditions" is a message containing the weather conditions in the Event Unit.

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	DDGEEPUU	DD according to CC @Discipline G according to CC @DisciplineGender EEE according to CC @Event P according to CC @Phase UU according to CC @Unit
DocumentType	DT_WEATHER	Weather conditions in the match 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. If an event unit continues after midnight (24:00), all messages produced will be considered as happening at the logical date on which the event unit began (e.g. for a session which began at 21:00 on Aug 2 and ended at 1:20 on Aug 3, the message will all be dated Aug 2). The end of the logical day is defined by default at 03:00 a.m. For messages corrections, like invalidating medals or Records, it will be the LogicalDate of the day of the correction. Logical Date is expressed in the local time zone where the



		message was produced.
Source	SC @Source	Code indicating the system which generated the message.
Serial	Numeric	Sequence number (positive integer) for ODF messages. Serial starts with 1 each day for each Source.

2.2.10.3 Trigger and Frequency

The message is sent if weather data conditions change during an event unit.

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 (1,1)	Code Weather (1,1)	Conditions (1,N)	Code Humidity Condition (0,3)	Code Value
			Temperature (0,N)	Code Unit Value

2.2.10.5 Message Values

Element: Competition (1,1)			
Attribute	M/O	Value	Description
Code	M	CC @Competition	Unique ID for competition

Element: Weather /Conditions (1,N)			
Attribute	M/O	Value	Description
Code	M	SC @WeatherPoint	Weather Points GEN only



Humidity	O	Numeric ##0	Humidity in %
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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 Condition.

Element: Weather /Conditions /Temperature (0,N)			
Send with three different @Code in the case of Winter conditions.			
Attribute	M/O	Value	Description
Code	M	AIR	Air temperature.
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 '+')

2.2.10.6 Message Sort

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



3 Document Control

Version history		
Version	Date	Comments
v1.0	28 March 2014	First Version
v1.1	9 May 2014	SFA. Updated with reviewer comments
v1.2	14 July 2014	Internal version, reviewed after PT1
v1.3	26 September 2014	Internal version
v1.4	13 November 2014	Approved version
v1.5	12 February 2015	CR4550 and CR4611 applied
v1.6	14 May 2015	Minor changes
v1.7	15 May 2015	Some corrections
v1.8	6 August 2015	Changes after the UVT
v1.9	1 October 2015	Minor corrections
v2.0	5 November 2015	Minor correction and CR7795
v2.1	18 December 2015	CR8587 and CR8860
v2.2	24 March 2016	Minor corrections
v2.3	5 May 2016	Minor correction

File Reference: ODF/INT146- R-SOG-2016-v2.3 APP (AT)

Change Log		
Version	Status	Changes on version
v1.0	SFR	First Version
v1.1	SFA	<ul style="list-style-type: none"> * DT_PARTIC / DT_PARTIC_UPDATE: Bib attribute should be send for events, not event units * DT_RESULT: LAST_COMP applies to all events * DT_RESULTS: renamed RANK to RANK_BEFORE * DT_RESULT: clarified trigger for PTS_BEFORE, PTS_BEFORE_BEHIND and RANK_BEFORE * DT_RESULT: removed TV_IDX * DT_RESULT: IN_COMP only applies for vertical jumps (HJ and PV) * DT_RESULT: INTERMEDIATE_CURRENT only applies for track and road events * DT_RESULT: Pos attribute for INTERMEDIATE in 4x400m Relay event should be 1 to 4 * DT_RESULT: INTERMEDIATE values for road events should be in kilometres * DT_RESULT: added QUAL_RANK, QUAL_BT and QUAL_BP * DT_RESULT: added INTERMEDIATES_TRACK_TOTAL and INTERMEDIATE_TRACK



		<ul style="list-style-type: none"> * DT_PHASE_RESULT: should be send also for Combined Events * DT_CONFIG: message removed * Applicable Messages: removed Xs from DT_CONFIG message
v1.2	SFA	<ul style="list-style-type: none"> * DT_RESULT: correction in Trigger and Frequency section * DT_PHASE_RESULT: updated Trigger and Frequency section * DT_CUMULATIVE_RESULT: updated Trigger and Frequency section * DT_RESULT: ResultType attribute changed to optional, as is not needed when send with ResultStatus START_LIST * DT_RESULT: updated Expected column for QUAL_RANK, QUAL_BT and QUAL_BP * DT_RESULT: INTERMEDIATE does not apply to track over 400m events * DT_RESULT: removed INTERMEDIATES_TRAKC_TOTAL and INTERMEDIATE_TRACK * Added DT_RESULT_ANALYSIS message * DT_RESULT: added EventUnitEntry ERANK_BEFORE for combined events * DT_RESULT: updated Expected comment for INTERMEDIATES_TOTAL, INTERMEDIATE_TIME, LEADER, TIME_LAST_KM, START_IN_LANES, INTERMEDIATE_CURRENT * DT_RESULT: INTERMEDIATE fixed comment in Pos attribute, it should include finish * DT_RESULT: INTERMEDIATE changed value for last point to "Finish" * DT_RESULT: INTERMEDIATES_TOTAL for track and road events includes finish * DT_PHASE_RESULT: added Bib * DT_RESULT: updated LAST_LAP and INTERMEDIATE descriptions * DT_RESULT: removed PHOTO for teams * DT_RESULT: updated expected comment for AFTER_INTERMEDIATE_xxx, INTERMEDIATE_LAST_COMPETITOR, WIND_SPEED, PHOTO and WINDY * DT_RESULT: renamed AFTER_INTERMEDIATE_TV_IDX to AFTER_INTERMEDIATE_SORT_ORDER and updated @Value description * DT_CUMULATIVE_RESULT: removed "+" in @Diff attribute format * DT_RESULT: removed TOTAL_PTS ExtendedResult * DT_CUMULATIVE:RESULT: added TOTAL_PTS, RAN, ERANK and SORT_ORDER to ResultItem /Result /Extension
v1.3	SFA	<ul style="list-style-type: none"> * DT_RESULT: updated expected comment for WINDY * DT_CUMULATIVE_RESULT: removed Type attribute from Extension elements * DT_RESULT: added ORDER_CURRENT * DT_RESULT, DT_RESULT_ANALYSIS, DT_PHASE_RESULT, DT_CUMULATIVE_RESULT: added @Order and @Equalled to RecordIndicator to enable the distribution of all records in the result message and mark equalled records by using the flag * DT_PARTIC / DT_PARTIC_UPDATE: added SB_SUB, PB_SUB to EventEntry * Added DT_CONFIG message * DT_RESULTS: removed START_IN_LANES and CATEGORY
v1.4	APP	Approved version
v1.5	APP	<ul style="list-style-type: none"> * CR4550: Remove message DT_HISTORIC_RECORD and update DT_RECORD with new structure as approved. * CR4611: Included DT_IMAGE and DT_PRESSPHOTOFINISH_LK messages



		<ul style="list-style-type: none"> * DT_RECORDS: RecordType@Subcode clarified * Description element for Athletes/Teams fixed to follow general definition
v1.6	APP	<ul style="list-style-type: none"> * DT_RESULT: DocumentSubtype not used in AT * DT_RESULT: updated ResultStatus comment * DT_RESULT_ANALYSIS: DocumentSubtype not used in AT * DT_PHASE_RESULT: removed wrong sentence in message description * DT_CUMULATIVE: updated message description and sort * DT_CUMULATIVE: removed phase in DocumentCode attribute * DT_CONFIG: corrected DocumentCode, should be at discipline level
v1.7	APP	<ul style="list-style-type: none"> * DT_WEATHER message definition fixed * DT_CUMULATIVE_RESULT: included ResultsItems element that was removed by error in a previous version
v1.8	APP	<ul style="list-style-type: none"> * DT_RESULT: updated QUAL_RULE definition to include full text with the Qualification Rule CR7631: * DT_RESULT: Add indicators for cards (RC, YRC, YC) in Result /Competitor /ExtendedResults /ExtendedResult .
v1.9	APP	<ul style="list-style-type: none"> * Defect 117747: DT_RESULT: added Expected description for AFTER_INTERMEDIATE_SORT_ORDER extension * Defect 118952: DT_RESULT: removed CATEGORY and START_IN_LANE in sample
v2.0	APP	<ul style="list-style-type: none"> * DT_RESULTS: fixed format of LAST_COMP ExtendedInfo * CR7795: DT_RESULT: Added attribute Move to Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult INTERMEDIATE for Road events * DT_RESULT: Clarified use of "PHOTO" in case of pending status * DT_RESULT_ANALYSIS: added INTERMEDIATE ExtendedInfo
v2.1	APP	<ul style="list-style-type: none"> * CR8587: DT_RESULT: added clarification in WINDY ExtendedResult, it should be sent only for the athlete that breaks any record * CR8860: DT_PHASE_RESULT: added WINDY ExtendedResult to indicate that the performance of the competitor was achieved with assisting wind in excess
v2.2	APP	<ul style="list-style-type: none"> * DT_RESULT: removed duplicated INTERMEDIATE_TIME description * DT_RESULT_ANALYSIS: updated INTERMEDIATE ExtendedResult format to one decimal place
v2.3	APP	<ul style="list-style-type: none"> * DT_RECORD: updated format for @Pos attribute in RESULT RecordDatea/Extension