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## Olympic Data Feed

### **ODF Athletics Data Dictionary**

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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 Central Messages Interface Document and ODF Sport Messages Interface Document specifically for Athletics, as well as defines the codes used in these messages.

## 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

- **IF** – International Federation
- **IOC** – International Olympic Committee
- **NOC** – National Olympic Committee
- **ODF** – Olympic Data Feed
- **ODF-RT** – Olympic Data Feed Real Time
- **RSC** – Results System Codes
- **AT** – Athletics
- **WNPA** – World News Press Agencies

## 1.5 Related Documents

Document Reference	Document Title	Document Description
ODF/INT001	ODF Message Transmission Document	This document describes the technical standards to be used to transfer ODF messages between the message generators and the final ODF



		users
ODF/COD001	ODF Common Codes Document	This document describes the ODF codes used across the rest of the ODF documents
ODF/INT003	ODF Central Messages Interface Document	This document describes the ODF central messages
ODF/INT004	ODF Sport Messages Interface Document	This document describes the ODF sport messages, generated independently by each sport



## 2 Overall Perspective

### 2.1 Objective

The objective of this document is to focus on the formal definition of the ODF Athletics Data Dictionary.

### 2.2 End to End data flow

The general rules as described in the documents referenced in the section 1.5 will have to be considered for a complete and formal definition. It is especially important the ODF Central Messages Interface Document and ODF Sport Messages Interface Document, since this ODF Athletics Data Dictionary is a particularization of those documents.

In the following sections, for each ODF sport message it will be explained in further detail those elements, attributes, codes, ODF header, the trigger and frequency for each message generation, as well as the sort of the message that are particular in the case of Athletics.

Any ODF Athletics message should follow all the previous definitions in order to be considered as an ODF compliant message.





### 3 Codes

Several codes are used in the definition of the messages in this document. Any code will be referenced the following way:

*CC @CodeEntity*

CodeEntity is the name of the entity that identifies a particular set of codes.

The following table describes the codes entities used in document sorted by name, indicating whether the set of values can be found in the ODF Common Codes Document, or listed in the table itself, otherwise. Please refer to ODF Sport Messages Interface Document to know the format of these codes.

Code Entity	Code Entity Set of Values	
CC @InformationType	<b>Code</b>	<b>Description</b>
	1	Time value
	2	Distance in meters with 2 decimals
	3	One character meaning pass (x), failure(x) or clearance(o) or "r" (if retired)
	4	Sequence of x's meaning a sequence of failures
CC @IRM (The codes order provided is according to the sport rules. In case of several IRM of the same code, sort by bib numbers in ascending order).	<b>Code</b>	<b>Description</b>
	DNS	Did not start
	DNF	Did not finish
	DQ	Disqualified
	NM	No mark
CC @PhaseNo	<b>Code</b>	<b>Description</b>
	1	Phase A
	2	Phase B
	3	Phase C
	...	
CC @QualificationMark	<b>Code</b>	<b>Description</b>
	Q	Qualified by place(track, road and relays)/standard(field)
	q	Qualified by time(track, road and relays)/performance(field)
CC @RecordCode	Defined in ODF Common Codes Document  See entity Record Code <ul style="list-style-type: none"> <li>The entity's attribute to be used is Code</li> </ul>	
CC @RecordType	Defined in ODF Common Codes Document  See entity Record Type <ul style="list-style-type: none"> <li>The entity's attribute to be used is Code</li> <li>It will be related to Discipline</li> </ul>	
CC @ResultType	<b>Code</b>	<b>Description</b>
	DISTANCE	Performance in meters with 2 decimals
	IRM	Invalid Result Mark



	POINTS	Points
	TIME	Performance as a Time value
CC @ResultUnit	<b>Code</b>	<b>Description</b>
	1	Distance
	2	Points
	3	Time
CC @SplitPointUnit	<b>Code</b>	<b>Description</b>
	1	Distance in meters
	2	Distance in text (e.g. Half)
	3	Height in meters with two decimals
CC @UnitCategory	<b>Code</b>	<b>Description</b>
	A	Races (track and road) and relays
	B	Throws
	C	Horizontal jumps
	D	Vertical jumps
CC @Warning	<b>Code</b>	<b>Description</b>
	>	Bent knee
	~	Loss of Contact
CC @WeatherPoints	<b>Code</b>	<b>Description</b>
	FINISH	Finish of the event unit
	GEN	General
	START	Start of the event unit



## 4 Athletics Data Extension

### 4.1 General Issues

The following sections extend and complete the information to be sent in each of the messages for this particular discipline, if some particularization is needed. If there are special considerations for any of the message types that have to be sent for this discipline, then they should be considered in the following sections. If nothing is mentioned for a particular message type, then the general rules, as defined either in the ODF Central Messages Interface Document or ODF Sport Messages Interface Document, should be respected for the messages described in the chapter 4 of this document.

#### 4.1.1 ODF header

Regarding to the ODF header values, you should also follow the description in the ODF Central Messages Interface Document or ODF Sport Messages Interface Document. However, the following attributes could be refined for each message type regarding to the header values:

- ODF Header: DocumentCode.

#### 4.1.2 Attributes Definition

The attributes types are explained in the section “5.1.2. Attributes Definition” of the ODF Central Messages Interface Document. Please, refer to that document for further information



## 5 Point in Time

### 5.1 Point in Time Applicable Messages

The following table is a full list of all ODF messages and describes the list of messages used in Athletics, as well as the category of each message, which identifies if the message structure definition can be found either in the ODF Sport Messages Interface Document or ODF Central Messages Interface Document.

- 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 documented” indicates the document where you should go to have the general definition for a particular Message type
- The column “Message used in this sport” indicates whether a message is used in particular for this sport or not. If it is not ticked (X), then the message should not be used for this sport.
- The column “Message extended in this document” indicates whether a particular message has extended definition in regards to those that are general for all sports. Any message ticked (X) in this column should also be ticked in the “Message used in this sport column”. If one message has extended definition, it should be considered both, the extensions as well as the general rules for one message that is used in the case of the sport. However, if one particular message is not extended, then it should follow the general definition rules.

Message Type	Message name	Message documented	Message used in this sport	Message extended in this document
DT_SCHEDULE	Competition schedule	Central	X	
DT_SCHEDULE_UPDATE	Competition schedule update	Central	X	
DT_PARTIC	List of participants by discipline	Central	X	X
DT_PARTIC_UPDATE	List of participants by discipline update	Central	X	X
DT_PARTIC_TEAMS	List of teams	Central	X	X
DT_PARTIC_TEAMS_UPDATE	List of teams update	Central	X	X
DT_PARTIC_HORSES	List of equestrian horses	Central		
DT_PARTIC_HORSES_UPDATE	List of horses update	Central		
DT_MEDALS	Medal standings	Central	Global	
DT_MEDALLISTS_DAY	Medallists of the day	Central	Global	
DT_HISTORIC_RECORD	Historical records	Central	X	X
DT_HIST_REC_UPDATE	Historical records update	Central	X	X
DT_GLOBAL_GM	Global good morning	Central	Global	



DT_GLOBAL_GN	Global good night	Central	Global	
DT_START_LIST	Start List	Sports	X	X
DT_RESULT	Event Unit Results	Sports	X	X
DT_PHASE_RESULT	Phase Results	Sports	X	X
DT_CUMULATIVE_RESULT	Cumulative Results	Sports	X	X
DT_POOL_STANDING	Pool Standings of group in a team competition	Sports		
DT_RANKING	Event Final ranking	Sports	X	
DT_STATS	Statistics table	Sports		
DT_MEDALLISTS	Medallists of one event	Sports	X	X
DT_MEDALLISTS_DISCIPLINE	Medallists by discipline	Sports	X	
DT_RECORD	Records	Sports	X	X
DT_COMMUNICATION	Official Communication	Sports	X	
DT_BRACKETS	Brackets	Sports		
DT_GM	Discipline/venue good morning	Sports	X	X
DT_GN	Discipline/venue good night	Sports	X	X
DT_FED_RANKING	Federation Ranking	Sports		
DT_CONFIG	Discipline Configuration	Sports	X	X
DT_WEATHER	Event Unit Weather conditions	Sports	X	X
DT_SERIAL	List of Current PiT Serial	Sports	X	



### 5.1.1 List of participants by discipline / List of participants by discipline update

#### 5.1.1.1 Description

This message is the List of participants by discipline message as described in the ODF Central Messages Interface Document.

#### 5.1.1.2 Header Values

The DocumentCode attribute in the ODF header will be sent according to the ODF Common Codes document (header values sheet).

#### 5.1.1.3 Trigger and Frequency

Please, follow the general definition.

#### 5.1.1.4 Message Structure

The optional elements defined for this message in the ODF Central Messages Interface Document that should be included in the case of Athletics are:

- EventEntry

In the next section (message values), there is a more detailed definition.

#### 5.1.1.5 Message Values

The following table lists the List of athletes by discipline optional attributes (defined in the ODF Central Messages Interface Document) that are used in the case of Athletics, as well as the attributes that have an extended definition.

Element	Attribute	M/O	Value	Comments
Participant	BirthDate	O	YYYYMMDD	Date of birth. This information could be not known at the very beginning, but it will be completed for all participants after successive updates
	Height	O	N(3) 999	Height in centimetres. It will be included if this information is available. This information is not needed in case of officials/referees.
	Weight	O	N(3) 999	Weight in kilograms. It will be included if this information is available. This information is not needed in case of officials/referees.
Participant /Discipline /RegisteredEvent	Bib	O	S(4)	Bib number, to be sent mandatory in all the event units
Discipline	International FederationId	O	S(16)	IAAF Athlete Code (competitor's federation number for the discipline). It will be included.

The following table describes in more detail the EventEntry element in the case of Athletics.

Element: Participant /Discipline /RegisteredEvent /EventEntry				
Type	Code	Pos	Value	Description
E_ENTRY	E_SB	CC @ResultUnit	HH:MM:SS.t	For @Type: Send proposed type
			99:99:99.00 (time)	For @Code: Send proposed code



			<p>HH:MM:SS.tt 99:99:90.00 (time in hundredths)</p> <p>or</p> <p>HH:MM:SS.t 99:99:90.0 (time in tenths)</p> <p>or</p> <p>HH:MM:SS 99:99:99 (time in seconds)</p> <p>or</p> <p>blank (time)</p> <p>or</p> <p>N(2).N(2) 90.00 (meters)</p> <p>or</p> <p>or N(4) 9990 (points)</p>	<p>For @Pos : Send both codes to indicate either time or distance</p> <p>For @Value: Athlete's season best HH is hours MM is minutes, SS is seconds, t is hundredth of second</p> <p>The time's value and format depends on the event. HH is hours, MM is minutes, SS is seconds, t is tenth of second and tt is hundredths of seconds</p>
	E_PB	CC @ResultUnit	<p>HH:MM:SS.t 99:99:90.00 (time)</p> <p>HH:MM:SS.tt 99:99:90.00 (time in hundredths)</p> <p>or</p> <p>HH:MM:SS.t 99:99:90.0 (time in tenths)</p> <p>or</p> <p>HH:MM:SS 99:99:99 (time in seconds)</p> <p>or</p> <p>blank (time)</p> <p>or</p> <p>N(2).N(2) 90.00 (meters)</p>	<p>For @Type: Send proposed type</p> <p>For @Code: Send proposed code</p> <p>For @Pos : Send both codes to indicate either time or distance</p> <p>For @Value: Athlete's personal best HH is hours MM is minutes, SS is seconds, t is tenths of second</p> <p>The time's value and format depends on the event. HH is hours, MM is minutes, SS is seconds, t is tenth of second and tt is hundredths of seconds</p>



			or or N(4) 9990 (points)	
	E_QUAL_BEST	CC @ResultUnit	HH:MM:SS.t 99:99:90.00 (time)  HH:MM:SS.tt 99:99:90.00 (time in hundredths)  or  HH:MM:SS.t 99:99:90.0 (time in tenths)  or  HH:MM:SS 99:99:99 (time in seconds)  or  blank (time)  or  N(2).N(2) 90.00 (meters)  or  or N(4) 9990 (points)	For @Type: Send proposed type  For @Code: Send proposed code  For @Pos : Send both codes to indicate either time or distance  For @Value: Athlete's qualifying best HH is hours MM is minutes, SS is seconds, t is tenths of second  The time's value and format depends on the event. HH is hours, MM is minutes, SS is seconds, t is tenth of second and tt is hundredths of seconds
	E_SUBSTITUTE		S(1)	For @Type: Send proposed type  For @Code: Send proposed code  For @Pos : Do not send anything  For @Value: Send Y if the participant is a substitute/reserve, N if it is not anymore.

For the table above, we have the following additional/summary information:

Type /Code	Description	Expected
E_ENTRY /E_SB	Athlete's season best	Always. This information can be sent in both messages. Time for track and road distance in meters with two decimals for field events and points for combined events.





E_ENTRY /E_PB	Athlete's personal best	Always. This information can be sent in both messages. Time for track and road events, distance in meters with two decimals for field events and points for combined events.
E_ENTRY /E_QUAL_BEST	Athlete's qualifying best	Always. This information can be sent in both messages. Time for track and road events, distance in meters with two decimals for field events and points for combined events.
E_ENTRY /E_SUBSTITUTE	Flag that indicates that an athlete is a substitute/reserve	If applies

**5.1.1.6 Message sort**

Please, follow the general definition.



## 5.1.2 List of teams / List of teams update

### 5.1.2.1 Description

This message is the List of teams message as described in the ODF Central Messages Interface Document.

### 5.1.2.2 Header Values

The DocumentCode attribute in the ODF header will be sent according to the ODF Common Codes document (header values sheet).

### 5.1.2.3 Trigger and Frequency

Please, follow the general definition.

### 5.1.2.4 Message Structure

The optional elements defined for this message in the ODF Central Messages Interface Document that should be included in the case of Athletics are:

- EventEntry

In the next section (message values), there is a more detailed definition.

### 5.1.2.5 Message Values

The following table describes in more detail the EventEntry element in the case of Athletics.

Element: Team /Discipline /RegisteredEvent /EventEntry			
Type	Code	Value	Description
E_ENTRY	E_SB	HH:MM:SS.t 99:99:90.00 (time)	For @Type: Send proposed type
			For @Code: Send proposed code
		HH:MM:SS.tt 99:99:90.00 (time in hundredths)	For @Value: Team's season best HH is hours MM is minutes, SS is seconds, t is tenths of second
		or	
		HH:MM:SS.t 99:99:90.0 (time in tenths)	The time's value and format depends on the event. HH is hours, MM is minutes, SS is seconds, t is tenth of second and tt is hundredths of senconds
		or	
		HH:MM:SS 99:99:99 (time in seconds)	
		or	
		blank (time)	
E_PB	E_PB	HH:MM:SS.t 99:99:90.00 (time)	For @Type: Send proposed type
			For @Code: Send proposed code
		HH:MM:SS.tt 99:99:90.00 (time in hundredths)	For @Value: Team's national records HH is hours MM is minutes, SS is seconds, t is tenths of second
		or	
		HH:MM:SS.t	The time's value and format



		99:99:90.0 (time in tenths)  or  HH:MM:SS 99:99:99 (time in seconds)  or  blank (time)	depends on the event. HH is hours, MM is minutes, SS is seconds, t is tenth of second and tt is hundredths of seconds
	E_QUAL_BEST	HH:MM:SS.t 99:99:90.00 (time)  HH:MM:SS.tt 99:99:90.00 (time in hundredths)  or  HH:MM:SS.t 99:99:90.0 (time in tenths)  or  HH:MM:SS 99:99:99 (time in seconds)  or  blank (time)	For @Type: Send proposed type  For @Code: Send proposed code  For @Value: Team's qualifying best HH is hours MM is minutes, SS is seconds, t is tenths of second  The time's value and format depends on the event. HH is hours, MM is minutes, SS is seconds, t is tenth of second and tt is hundredths of seconds

For the table above, we have the following additional/summary information:

Type /Code	Description	Expected
E_ENTRY /E_SB	Team's season best	Always. This information can be sent in both messages.
E_ENTRY /E_PB	Team's national records	Always. This information can be sent in both messages.
E_ENTRY /E_QUAL_BEST	Team's qualifying best	Always. This information can be sent in both messages.

#### 5.1.2.6 Message sort

Please, follow the general definition.



### 5.1.3 Historical records

#### 5.1.3.1 Description

This message is the Historical records message as described in the ODF Central Messages Interface Document.

#### 5.1.3.2 Header Values

The DocumentCode attribute in the ODF header will be sent according to the ODF Common Codes document (header values sheet).

#### 5.1.3.3 Trigger and Frequency

Please, follow the general definition.

#### 5.1.3.4 Message Structure

The optional elements defined for this message in the ODF Central Messages Interface Document that should be included in the case of Athletics are:

- RecordType /Competitor /ExtRecords and its child element ExtRecord
- RecordType /Competitor /Composition /Athlete /ExtRecords and its child element ExtRecord

In the next section (message values), there is a more detailed definition.

#### 5.1.3.5 Message Values

The following table lists the Historical records optional attributes (defined in the ODF Central Messages Interface Document) that are used in the case of Athletics, as well as the attributes that have an extended definition.

Element	Attribute	M/O	Value	Comments
Record /RecordType	Subcode	O	NOC if Code="NR" Rank if Code="BOP"	It will be mandatory in case of Code="NR" or "BOP"
RecordType /RecordData	ResultType	M	CC @ResultType	Time or distance in meters with two decimals.
	Result	M	HH:MM:SS.t 99:99:90.00 (time)  or  N(2).N(2) 90.00 (meters)  or  N(4) 9990 (points)	

The following table describes in more detail the ExtRecord element in the case of Athletics.

<b>Element:</b> <b>HistoricalRecord /Record /RecordType /Competitor /ExtRecords /ExtRecord or</b> <b>HistoricalRecord /Record /RecordType /Competitor /Composition /Athlete /ExtRecords /ExtRecord</b>
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Type	Code	Pos	Value	Description
HER_AT	AT_WIND		+N(1).N(1) +9.0	For @Type: Send proposed type
				For @Code: Send proposed code
				For @Pos : Do not send anything
				For @Value: Wind in meters per second
	AT_COMMENT		S(1)	For @Type: Send proposed type
				For @Code: Send proposed code
				For @Pos : Do not send anything
				For @Value: Record comment code. A for Altitude, I for Indoor
	AT_POSITION		S(5)	For @Type: Send proposed type
				For @Code: Send proposed code
				For @Pos : Do not send anything
				For @Value: Position obtained by the athlete
	AT_RESULT	CC @PhaseNo	HH:MM:SS.t 99:99:90.00 (time)  or  N(2).N(2) 90.00 (meters)	For @Type: Send proposed type
				For @Code: Send proposed code
				For @Pos : Send a number, from 1 to 10 for each phase of Combined Events.
				For @Value: Send the time or distance obtained at each phase of the Combined Event record.

For the table above, we have the following additional/summary information:

Type /Code	Description	Expected
HER_AT /AT_WIND	Record wind	Always, if available
HER_AT /AT_COMMENT	Record comment	Always, if available
HER_AT /AT_POSITION	Position (Place/Round/Heat) obtained by the athlete  Example: "3qf1", "4r1", "1s1", "1h1", "1"	Always, if available
HER_AT /AT_RESULT	Time or distance obtained at each phase of the Combined Event record.	For Combined Events records.

### 5.1.3.6 Message sort

Please, follow the general definition.



## 5.1.4 Start List

### 5.1.4.1 Description

This message is the Start List message as described in the ODF Sport Messages Interface Document.

### 5.1.4.2 Header Values

The DocumentCode attribute in the ODF header will be sent according to the ODF Common Codes document (header values sheet).

### 5.1.4.3 Trigger and Frequency

Please, follow the general definition.

### 5.1.4.4 Message Structure

The optional elements defined for this message in the ODF Sport Messages Interface Document that should be included in the case of Athletics are:

- UnitInfos and its child element UnitInfo
- Start /Competitor /EventUnitEntry (for relay event units)
- Start /Competitor /Composition /Athlete /EventUnitEntry (for all event units except for relay)

In the next section (message values), there is a more detailed definition.

### 5.1.4.5 Message Values

The following table lists the Start List optional attributes (defined in the ODF Sport Messages Interface Document) that are used in the case of Athletics, as well as the attributes that have an extended definition.

Element	Attribute	M/O	Value	Comments
Start	StartOrder	O	Numeric	Lane or start order of the competitor in the start list
	SortOrder	M	Numeric	According to the sport rules
Start /Competitor /Composition /Athlete	Bib	O	S(n)	Athlete's bib number, to be sent mandatory for all the events

The following table describes in more detail the Start /Competition /UnitInfos /UnitInfo element in the case of Athletics.

Element: Start /Competition /UnitInfos /UnitInfo					
Type	Code	Extension Code	Pos	Value	Description
UI_AT	AT_SCORING_RESULT		N(2)	HH:MM:SS.t 99:99:90.00	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos : Send the scoring number, from 1 to n
					For @Value: Send the scoring result
		AT_POINTS		N(4) 9990	For @Type: Send proposed ExtendedResult code



				For @Code: Send proposed Extension code
				For @Pos : Do not send anything
				For @Value: Send the scoring points for this scoring result

For the table above, we have the following additional/summary information:

Type /Code	Extension Code	Description	Expected
UI_AT /AT_SCORING_RESULT		Send the scoring result.  @Pos 1 corresponds to the best result	Just for combined event units
	AT_POINTS	Send the scoring points for the corresponding scoring result	Just for combined event units

The following table describes in more detail the Start /Competitor /EventUnitEntry element in the case of Athletics.

Element: Start /Competitor /EventUnitEntry				
Type	Code	Pos	Value	Description
EUE_TEAM_AT	AT_IRM		CC @IRM	For @Type: Send proposed type
				For @Code: Send proposed code
				For @Pos : Do not send anything
				For @Value: Indicator as supplied by OVR for DNS or other possible results before the race.
	AT_NR		HH:MM:SS.t 99:99:90.00	For @Type: Send proposed type
				For @Code: Send proposed code
				For @Pos : Do not send anything
				For @Value: Team's national record performance. HH is hours, MM is minutes, SS is seconds, t is tenths of second
	AT_SB		HH:MM:SS.t 99:99:90.00	For @Type: Send proposed type
				For @Code: Send proposed code
				For @Pos : Do not send anything
				For @Value: Team's season best. HH is hours, MM is minutes, SS is seconds, t is tenths of second
	AT_QUAL_MARK		CC @QualificationMark	For @Type: Send proposed type
				For @Code: Send proposed code



				For @Pos : Do not send anything
				For @Value: Qualification mark from previous round
	AT_QUAL_BEST		HH:MM:SS.t 99:99:90.00	For @Type: Send proposed type
	For @Code: Send proposed code			
	For @Pos : Do not send anything			
				For @Value: Team's qualifying best HH is hours, MM is minutes, SS is seconds, t is tenths of second

For the table above, we have the following additional/summary information:

Type /Code	Description	Expected
EUE_TEAM_AT /AT_IRM	Invalid result mark supplied by OVR before the race.	Send in the case of the team does not compete. Just for relays
EUE_TEAM_AT /AT_NR	National record performance	Just for relays
EUE_TEAM_AT /AT_SB	Team's season best	Just for relays
EUE_TEAM_AT /AT_QUAL_MARK	Team's qualification mark from previous round	If applies. Just for relays
EUE_ATH_AT /AT_QUAL_BEST	Team's qualifying best from previous round	If applies. Just for relays

The following table describes in more detail the Start /Competitor /Composition /Athlete /EventUnitEntry element.

Element: Start /Competitor /Composition /Athlete /EventUnitEntry				
Type	Code	Pos	Value	Description
EUE_ATH_AT	AT_IRM		CC @IRM	For @Type: Send proposed type
				For @Code: Send proposed code
				For @Pos : Do not send anything
				For @Value: Indicator as supplied by OVR for DNS or other possible results before the race.
	AT_SB	CC @InformationType	HH:MM:SS.t 99:99:90.00 (time)	For @Type: Send proposed type
			or	For @Code: Send proposed code
			N(2).N(2) 90.00 (meters)	For @Pos : Send both codes to indicate either time or distance
				For @Value: Athlete's season best HH is hours, MM is minutes, SS is seconds, t is tenths of second





	AT_PB	CC @InformationType	HH:MM:SS.t 99:99:90.00 (time)  or  N(2).N(2) 90.00 (meters)	For @Type: Send proposed type
				For @Code: Send proposed code
				For @Pos : Send both codes to indicate either time or distance
				For @Value: Athlete's personal best HH is hours, MM is minutes, SS is seconds, t is tenths of second
	AT_QUAL_MARK		CC @QualificationMark	For @Type: Send proposed type
				For @Code: Send proposed code
				For @Pos : Do not send anything
				For @Value: Qualification mark from previous round
	AT_QUAL_BEST	CC @InformationType	HH:MM:SS.t 99:99:90.00 (time)  or  N(2).N(2) 90.00 (meters)	For @Type: Send proposed type
				For @Code: Send proposed code
				For @Pos : Send both codes to indicate either time or distance
				For @Value: Athlete's qualifying best from previous round HH is hours, MM is minutes, SS is seconds, t is tenths of second
	AT_POINTS_BEFORE		N(4) 9000	For @Type: Send proposed type
				For @Code: Send proposed code
				For @Pos : Do not send anything
				For @Value: Points achieved in Combined Event before the event unit

For the table above, we have the following additional/summary information:

Type /Code	Description	Expected
EUE_ATH_AT /AT_IRM	Invalid result mark supplied by OVR before the race.	Send in the case of the athlete does not compete
EUE_ATH_AT /AT_SB	Athlete's season best	Time for track and road event units and distance for field event units
EUE_ATH_AT /AT_PB	Athlete's personal best	Time for track and road event units and distance for field event units
EUE_ATH_AT /AT_QUAL_MARK	Athlete's qualification mark from previous round	
EUE_ATH_AT /AT_QUAL_BEST	Athlete's qualifying best from previous round	Time for track and road event units and distance for field event units



EUE_ATH_AT /AT_POINTS_BEFORE	Points achieved in Combined Event before the event unit	Just for Combined Event units if there is a previous event unit
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**5.1.4.6 Message sort**

Please, follow the general definition.



## 5.1.5 Event Unit Results

### 5.1.5.1 Description

This message is the Event Unit Results message as described in the ODF Sport Messages Interface Document.

### 5.1.5.2 Header Values

The DocumentCode attribute in the ODF header will be sent according to the ODF Common Codes document (header values sheet).

### 5.1.5.3 Trigger and Frequency

Please, follow the general definition, taking also into account the following

- Road events
  - Intermedite: After first 15 competitors cross each intermediate timing point (i.e., AT\_SPLITPOINT) as defined in the discipline configuration message
  - Partial: After 15 competitors have finished
  - Official: After all competitors
- Track & Field (excluding combined events):
  - Field and horizontal:
    - Intermediate: After each serie
    - Official: At the end of last series
  - Vertical jumps:
    - Intermediate: After each height
    - Official: At the end of the last jump
- Track events:
  - Official: After each heat
- Combined events:
  - Official: After each heat or group for all events

### 5.1.5.4 Message Structure

The optional elements defined for this message in the ODF Sport Messages Interface Document that should be included in the case of Athletics are:

- UnitInfos and its child elements UnitInfo and UnitDateTime (following the general rules for this element, however being @EndDate mandatory)
- Result /RecordIndicators /RecordIndicator
- Competitor /ExtendedResults /ExtendedResult (for relay event units)
- Competitor /Composition /Athlete /ExtendedResults /ExtendedResult (for all event units: in the case of relay, team members detailed results).



### 5.1.5.5

### Message Values

The following table lists the Event Unit Results optional and/or extended attributes (defined in the ODF Sport Messages Interface Document), as well as the attributes that have an extended definition.

Element	Attribute	M/O	Value	Comments
Result	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	S(1)	Send Y in case of the Rank has been equalled.
	ResultType	M	CC @ResultType	Result type, either time, distance, points or IRM for the corresponding event unit
	IRM	O	CC @IRM	IRM for the particular event unit  Send just in the case @ResultType is IRM
	Result	O	HH:MM:SS.t 99:99:90.00  or  N(2).N(2) 90.00  or  N(4) 9990	Result for the particular event unit.  Send just in the case @ResultType is Time, Distance or Points  For time: HH is hours, MM is minutes, SS is seconds, t is tenths of second  For distance: in meters per second  For points (for Combined Event Units): numeric with a maximum of 4 digits
	SortOrder	M	Numeric	This attribute is a sequential number with the order of the results for the particular event unit, if they were to be presented. It is mostly based on the rank, but it should be used to sort out rank ties as well as results without rank.
	QualificationMark	O	S(1)	The code which gives an indication on the qualification of the competitor for the next round of the competition. @Value can be: Q for Qualified by place The q (Qualified by time) value will not be sent at this message (this code will be sent at the Phase Results or at the Cumulative Results message)
Result /RecordIndicators /RecordIndicator	Order	M	Numeric	<del>Number of times current record (RecordCode + RecordType) is broken; increment starting from 1.</del>  Deprecated: For London, Order is always "1" for records broken/equalled in this Event Unit.
	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").

The following table describes in more detail the UnitInfo element in the case of Athletics.

Element: UnitInfo					
Type	Code	Extension Code	Pos	Value	Description
UI_AT	AT_WIND_SPEED			+N(2).N(2) +90.00	For @Type: Send proposed type
				Or -N(2).N(2) -90.00	For @Code: Send proposed code
					For @Pos: Do not send anything



					For @Value: Wind in meters per second
	AT_LAST_LAP			HH:MM:SS.t 99:99:90.00	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything
					For @Value: 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.
	AT_SPLIT_TIME		N(2) 90	HH:MM:SS.t 99:99:90.00	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Send number of intermediate point
					For @Value: Time of the leader at this intermediate point
	AT_LEADER			S(20) with no leading zeros	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything
					For @Value: Identifier of the leader at this split
	AT_TIME_LAST_KM			HH:MM:SS.t 99:99:90.00	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything
					For @Value: Time of last km
	AT_LAST_QUAL			S(20) with no leading zeros	For @Type: Send proposed type
					For @Code: Send proposed code
					For @ Pos: Do not send anything
					For @Value: ID of the last competitor qualified
	AT_SPLITPOINT		N(2) 90	N(2).N(2) 90.00	For @Type: Send proposed type
					For @Code: Send proposed code



					For @ Pos: Send the split point number, from 1 to n
					For @Value: Send the Jumping height with two decimals
	AT_TOTAL_SPLITS			N(2) 90	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos Do not send anything
					For @Value: Send the total number of splits

For the table above, we have the following additional/summary information:

Type /Code	Extension Code	Description	Expected
UI_AT /AT_WIND_SPEED		Wind reading for the heat in meters per second	Just applies to track event units 100m, 200m, 100m Hurdles, 110m Hurdles (and also track at Combined Event units)
UI_AT /AT_LAST_LAP		<p>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.</p> <p>The laps for each event are the next ones  800m: 400m, 600m  1,500m: 400m, 800m, 1200m  3,000m Steeple: 1000m, 2000m  5,000m: 1000m, 2000m, 3000m, 4000m  10,000m: 1000m, 2000m, 3000m, 4000m, 5000m, 6000m, 7000m, 8000m, 9000m</p> <p>In the 1500m event the last laps are: 0-400m then 400m-800m then 800m-1200m and lastly 1100m-1500m</p>	Just applies to individual track events over 400m, i.e.: 800m, 1500m, 3000m Steeplechase, 5000m and 10000m.
UI_AT /AT_SPLIT_TIME		Time of the leader at this intermediate point.	Just applies to individual track events.
	AT_LEADER	Identifier of the leader at this split.	Just applies to individual track events.
	AT_TIME_LAST_KM	Time of last km.	Just applies to 3000m, 3000m Hurdles, 5000m and 10000m event units.
UI_AT /AT_LAST_QUAL		Identification of the last competitor qualified for the next phase.	Send just by pre-finals phases for vertical jumps (High Jump and Pole Vault), horizontal jumps (Long Jump and Triple Jump) and throws (Shot Put, Discus, Hammer and Javelin Throw).



UI_AT /AT_SPLITPOINT		Send one different @Pos and @Value for every Jumping height done at the competition.  @Pos from 1 to n (1 for the 1 <sup>st</sup> Jumping height, 2 for the 2 <sup>nd</sup> Jumping height and so on) @Value in meters with two decimals.	Send just for vertical jumps (High Jump and Pole Vault)
UI_AT /AT_TOTAL_SPLITS		Send the total number of splits.	Send just for vertical jumps (High Jump and Pole Vault)

Send UnitDateTime including also the @EndDate attribute

The following table describes in more detail the Competitor /ExtendedResults /ExtendedResult element (only for relay event units).

Element: Competitor /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
UER_TEAM_AT	AT_REACT_TIME			SS.ttt 90.000	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything
					For @Value: Reaction time of the team SS is seconds, ttt is thousandth of second
	AT_FALSE_START			S(n)	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything
					For @Value: False start indication
	AT_RULE			Text	For @Type: Send proposed type
					For @Code: Send proposed code
					For @ Pos: Do not send anything
					For @Value: Rule text
	AT_SPLIT		N(1) 0	N(1) 0	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Number of the split point from 1 to 4
					For @Value: Number of the split point from 1 to 4
	AT_RESULT			HH:MM:SS.t 99:99:90.00	For @Type: Send proposed code
					For @Code: Send proposed extension code



Element: Competitor /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					For @Pos: Do not send anything
					For @Value: Send the result time of the team at this split point
		AT_RANK_AT_SPLIT		Text	For @Type: Send proposed code
					For @Code: Send proposed extension code
					For @Pos: Do not send anything
					For @Value: Send the rank of the team at this split point
		AT_RANK_EQUAL_SPLIT		S(1)	For @Type: Send proposed code
					For @Code: Send proposed extension code
					For @Pos: Do not send anything
					For @Value: Send Y in case of the rank of the team at this split point is an equalled rank at the split
	AT_PHOTO			S(1)	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything
					For @Value: Send the Photo Finish status: Y in case of Evaluated P in case of Pending

For the table above, we have the following additional/summary information:

Type /Code	CodeExtension	Description	Expected
UER_TEAM_AT / AT_REACT_TIME		Reaction time	Always (just for relay event units)
UER_TEAM_AT / AT_FALSE_START		False start indication, e.g., "F1" or "F2"	If applies (just for Relay event units)
UER_TEAM_AT / AT_RULE		Text with the rule applied	If applies (just for Relay event units)
UER_TEAM_AT / AT_SPLIT		Split point for relay events (one for each team member)	Just for 4x400m Relay event
	AT_RESULT	Result time of the team at this split point	Always
	AT_RANK_AT_SPLIT	Rank of the team at this split point	Always
	AT_RANK_EQUAL_SPLIT	Flag that indicates that the rank of the team at this split point is an equalled rank at the split	If applies
UER_TEAM_AT / AT_PHOTO		Send the Photo Finish status: Y in case of Evaluated P in case of Pending	If applies (just for Relay event units)





The following table describes in more detail the Competitor /Composition /Athlete /ExtendedResults /ExtendedResult element.

Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
UER_ATH_AT	AT_SPLIT		N(1) 0	N(1) 0	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Number of the split point from 1 to n
					For @Value: Number of the split point from 1 to n
		AT_SPLITRESULT		HH:MM:SS.t 99:99:90.00	For @Type: Send proposed code
					For @Code: Send proposed extension code
					For @Pos: Do not send anything
					For @Value: Send the split result (time from this split point to the previous one) HH is hours, MM is minutes, SS is seconds, t is tenths of second
		AT_RECORD_MARK		CC @RecordType	For @Type: Send proposed code
					For @Code: Send proposed extension code
					For @Pos: Do not send anything
					For @Value: Send the record broken at this split point
		AT_RESULT	CC @InformationType	HH:MM:SS.t 99:99:90.00 or N(2).N(2) 90.00 or S(1) or S(n)	For @Type: Send proposed code
					For @Code: Send proposed extension code
					For @Pos: Send the appropriate code for de @Value type
					For @Value: Time result from the start of the race up to this split point or Attempt mark in meters 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)
		AT_RANK_AT_SPLIT		Text	For @Type: Send proposed code



Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					For @Code: Send proposed extension code
					For @Pos: Do not send anything
					For @Value: Cumulative rank
		AT_RANK_EQUAL_SPLIT		S(1)	For @Type: Send proposed code
					For @Code: Send proposed extension code
					For @Pos: Do not send anything
		AT_SORT_AT_SPLIT		N(2) 90	For @Value: Send Y in case of the AT_RANK_AT_SPLIT is an equalled rank
					For @Type: Send proposed code
					For @Code: Send proposed extension code
		AT_WIND_SPEED		+N(1).N(1) +9.0 Or -N(1).N(1) -9.0	For @Pos: Do not send anything
					For @Value: Sequential number with the order of the results at the split, if they were to be presented. It is mostly based on the rank at the split, but it should be used to sort out rank ties as well as athletes without rank at the split.
					For @Type: Send proposed code
		AT_DIFF		+HH:MM:SS.t +99:99:90.00  or "0.0"	For @Code: Send proposed extension code
					For @ Pos: Do not send anything
					For @Value: Time behind leader at this split point
		AT_MARK_AFTER_SPLIT		N(2).N(2) 90.00	For @Type: Send proposed code
					For @Code: Send proposed extension code
					For @Pos: Do not send anything
					For @Value:



Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					Best mark after the attempt
		AT_RANK_AFTER_ATTEMPT	N(1) 0	Text	For @Type: Send proposed code
					For @Code: Send proposed extension code
					For @Pos: Send the attempt number: 1..3.
					For @Value: Athlete's rank after the athletes' @Pos (from 1st to 3rd) attempt at this height
		AT_RANKEQ_AFTER_ATTEMPT	N(1) 0	S(1)	For @Type: Send proposed code
					For @Code: Send proposed extension code
					For @Pos: Send the attempt number: 1..3.
					For @Value: Send Y in case of the AT_RANK_AFTER_ATT EMPT is an equalled rank
		AT_RANK_AFTER_SPLIT		Text	For @Type: Send proposed code
					For @Code: Send proposed extension code
					For @Pos: Do not send anything
					For @Value: Rank after all athletes finished this attempt
		AT_RANKEQUAL_AFTER_SPLIT		S(1)	For @Type: Send proposed code
					For @Code: Send proposed extension code
					For @Pos: Do not send anything
					For @Value: Send Y in case of the AT_RANK_AFTER_SPLIT IT is an equalled rank
		AT_INDEX_TV_AFTER_SPLIT		N(2) 90	For @Type: Send proposed code
					For @Code: Send proposed extension code
					For @Pos: Do not send anything
					For @Value: TV display order after all athletes finished this attempt
		AT_RECORD_AFTER_SPLIT		CC @RecordType	For @Type: Send proposed code
					For @Code:



Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					Send proposed extension code
					For @Pos: Do not send anything
					For @Value: Record code after all athletes finished this attempt
		AT_RUNWAY_SPEED		N(2).N(1) 90.0	For @Type: Send proposed code
					For @Code: Send proposed extension code
					For @Pos: Do not send anything
		AT_STEP	N(1) 0	N(2).N(2) 90.00	For @Value: Run-up speed in km/h
					For @Type: Send proposed code
					For @Code: Send proposed extension code
		AT_WARNINGS		CC @Warning	For @Pos: Send the step number: 1..3
					For @Value: Length in meters for the @Pos step
					For @Type: Send proposed code
		AT_LAST_COMPETITOR_SPLIT		S(1)	For @Code: Send proposed extension code
					For @Pos: Do not send anything
					For @Value: Send Y if this is the split of last attempt of last competitor or the last split crossed by the last competitor who crossed this split, N if it is not the one anymore.
	AT_IRM_SPLIT			N(2) 90	For @Type: Send proposed code
					For @Code: Send proposed extension code
					For @Pos: Do not send anything



Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					For @Value: Split which the athlete received the IRM value
	AT_WARNINGS			CC @Warning	For @Type: Send proposed type
					For @Code: Send proposed code
					For @ Pos: Do not send anything
					For @Value: Concatenation (maximum 3) of warnings.
	AT_ORDER_INITIAL			N(2) 90	For @Type: Send proposed code
					For @Code: Send proposed extension code
					For @ Pos: Do not send anything
					For @Value: Starting order of the athlete at the beginning
	AT_ORDER_4_5			N(2) 90	For @Type: Send proposed code
					For @Code: Send proposed extension code
					For @ Pos: Do not send anything
					For @Value: Starting order of the athlete after third attempt
	AT_ORDER_FINAL			N(2) 90	For @Type: Send proposed code
					For @Code: Send proposed extension code
					For @ Pos: Do not send anything
					For @Value: Starting order of the athlete after fifth attempt
	AT_DIFF			+HH:MM:SS.t +99:99:90.00  or  +N(4) +9990	For @Type: Send proposed type
					For @Code: Send proposed code
					For @ Pos: Do not send anything
					For @Value: Time or points difference to the leader
	AT_REACT_TIME			SS.ttt 90.000	For @Type: Send proposed type
					For @Code: Send proposed code
					For @ Pos: Do not send anything
					For @Value: Reaction time of the athlete SS is seconds, ttt is



Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					thousandth of second
	AT_FALSE_START			S(n)	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything For @Value: False start indication, e.g., "F1" or "F3"
	AT_LAST_FALSE_START			S(1)	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything For @Value: Send Y if the competitor did a false start at the last start attempt, N otherwise
	AT_RULE			Text	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything For @Value: Rule text
	AT_POINTS			N(4) 9990	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything For @Value: Points at the event unit
	AT_TOTAL_POINTS			N(4) 9990	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything For @Value: Total Points
	AT_INDEX_TV			N(2) 90	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything For @Value: Display order for TV
	AT_SPLITRESULT			HH:MM:SS.t 99:99:90.00	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything For @Value:



Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					Split time for a team member in the leg
	AT_SPLITRANK			Text	For @Type: Send proposed type
					For @Code: Send proposed code
					For @ Pos: Do not send anything
					For @Value: Rank for a team member in the leg
	AT_SPLITRANK_EQUAL			S(1)	For @Type: Send proposed type
					For @Code: Send proposed code
					For @ Pos: Do not send anything
					For @Value: Send Y in case of the rank for the team member in the leg is an equalled rank
	AT_BEST_ATTEMPT			N(2) 90	For @Type: Send proposed code
					For @Code: Send proposed extension code
					For @ Pos: Do not send anything
					For @Value: Best attempt number
	AT_WIND_SPEED			+N(1).N(1) +9.0 Or -N(1).N(1) -9.0	For @Type: Send proposed type
					For @Code: Send proposed code
					For @ Pos: Do not send anything
					For @Value: Wind in meters per second
	AT_PHOTO			S(1)	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything
					For @Value: Send the Photo Finish status: Y in case of Evaluated P in case of Pending
	AT_WINDING			S(1)	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything
					For @Value: Send Y in case of one of the performances of the competitor was achieved with assisting wind in



Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					excess of 2.0 m/s and, as a consequence, it cannot be recognized as a record.

For the table above, we have the following additional/summary information:

Type /Code	Extension Code	Description	Expected
UER_ATH_AT /AT_SPLIT		Number of split point or jumping height from 1 to n according to the AT_SPLITPOINT UnitConfig element or number of attempt 1 for 800m 1..3 for 1500m 1..2 for 3000m Steeplechase 1..4 for 5000m 1..9 for 10000m 1..9 for Road events (20km Race Walk, 50km Race Walk and Marathon) 1..n for Vertical jumps 1..n for Horizontal jumps and Throws.	Just for 800m, 1500m, 3000m Steeplechase, 5000m, 10000m, 20km Race Walk, 50km Race Walk and Marathon and Horizontal and Vertical Jumps and Throws.
	AT_SPLITRESULT	Split result: time from the previous split point to this one (or from the start, for the first one).	Just for road events
	AT_RECORD_MARK	Send the record broken at this split point	Just if applies
	AT_RESULT	Time result from the start of the race up to this split point for track events over 400m and road events  or  Attempt mark in meters with 2 decimals digits or “-” (if pass) or “x” (if failure) or “r” (if retired) for horizontal jumps and throws  or  Height attempt marks like ‘o’ (if clearance), ‘-’ (if pass) or ‘xxx’ (sequence of three failures) or “r” (if retired) for vertical jumps	
	AT_RANK_AT_SPLIT	Cumulative rank	Just if ResultType is TIME
	AR_RANK_EQUAL_SPLIT	Flag that indicates that the AT_RANK_AT_SPLIT rank is an equalled rank	Just if ResultType is TIME
	AT_SORT_AT_SPLIT	Sequential number with the order of the results at the split, if they were to be presented. It	Just for Road events (Marathon, 20km Race Walk and 50km Race Walk)





Type /Code	Extension Code	Description	Expected
		is mostly based on the rank at the split, but it should be used to sort out rank ties as well as athletes without rank at the split.	
	AT_WIND_SPEED	Wind during the attempt	Just for horizontal jumps: Long Jump and Triple Jump.
	AT_DIFF	Time behind leader at this split point	Just for road events (Marathon, 20km Race Walk and 50km Race Walk)
	AT_MARK_AFTER_SPLIT	Best mark after the attempt	Just for horizontal jumps and throws event units
	AT_RANK_AFTER_ATTEMPT	Athlete's rank after the athletes' @Pos (from 1st to 3rd) attempt at this height	Just for vertical jumps
	AT_RANKEQ_AFTER_ATTEMPT	Flag that indicates that the AT_RANK_AFTER_ATTEMPT rank is an equalled rank	Just for vertical jumps
	AT_RANK_AFTER_SPLIT	Rank after all athletes finished this attempt	Just for horizontal and vertical jumps and throws event units
	AT_RANKEQUAL_AFTER_SPLIT	Flag that indicates that the AT_RANK_AFTER_SPLIT rank is an equalled rank	Just for horizontal and vertical jumps and throws event units
	AT_INDEX_TV_AFTER_SPLIT	TV display order after all athletes finished the attempt	Just for horizontal and vertical jumps and throws
	AT_RECORD_AFTER_SPLIT	Record code after all athletes finished the attempt	Just for horizontal and vertical jumps and throws event units
	AT_RUNWAY_SPEED	Run-up speed in km/h	Just for horizontal jumps and throws event units
	AT_STEP	Distance in meters for the step number @Pos. @Pos from 1 to 3: 1 for Hop, 2 for Step and 3 for Jump	Just for Triple Jumps
	AT_WARNINGS	Warnings at this split point. Concatenation (maximum 3) of warnings	If applies, just for walks (20km Race Walk and 50km Race Walk)
	AT_LAST_COMPETITOR_SPLIT	Send Y if this is the split of last attempt of last competitor (horizontal, vertical jumps and throws event units) or if this is the last split crossed by the last competitor crossing this point (road event units).	Just for horizontal and vertical jumps, throws and road event units.
UER_ATH_AT /AT_ORDER_INITIAL		Starting order of the athlete at the beginning	Just for horizontal jumps and throws event units
UER_ATH_AT /AT_ORDER_4_5		Starting order of the athlete after the third attempt	Just for horizontal jumps and throws event units
UER_ATH_AT /AT_ORDER_FINAL		Starting order of the athlete after the fifth attempt	Just for horizontal jumps and throws event units
UER_ATH_AT /AT_IRM_SPLIT		Split in which the athlete received the IRM value	If applies
UER_ATH_AT /AT_WARNINGS		Concatenation (maximum 3) of warnings.	Just for 20km Race Walk and 50km Race Walk event units, if applies
UER_ATH_AT /AT_DIFF		Time or points difference to the leader	Just for: - Road event units (time): Marathon, 20km Race Walk



Type /Code	Extension Code	Description	Expected
			and 50km Race Walk. - Combined Events (points).
UER_ATH_AT /AT_REACT_TIME		Reaction time of the athlete	Just for track events with starting blocks: 100m, 200m, 400m, 100m Hurdles, 110m Hurdles, 400m Hurdles
UER_ATH_AT /AT_FALSE_START		False start indication, e.g., "F1" or "F3"	Just for track event units: 100m, 200m, 400m, 800m, 1500m, 5000m, 10000m, 100m Hurdles, 110m Hurdles, 400m Hurdles and 3000m Steeplechase
UER_ATH_AT /AT_LAST_FALSE_START		Send Y if the competitor did a false start at the last start attempt, N otherwise.	Just for individual track event units and Relays.
UER_ATH_AT /AT_RULE		Text with the disqualification rule	Just in case of athlete's disqualification
UER_ATH_AT /AT_POINTS		Points at the event unit	Just for Combined Events.
UER_ATH_AT /AT_TOTAL_POINTS		Total Points	Just for Combined Events.
UER_ATH_AT /AT_INDEX_TV		Display order for TV	Just for horizontal and vertical jumps and throws event units
UER_ATH_AT /AT_SPLITRESULT		Split time of a team member.	Just for 4x400m Relay.
UER_ATH_AT /AT_SPLITRANK		Rank of a team member in the leg.	Just for 4x400m Relay.
UER_ATH_AT /AT_SPLITRANK_EQUAL		Flag that indicates that the AT_SPLITRANK rank is an equalled rank	Just for 4x400m Relay.
UER_ATH_AT /AT_BEST_ATTEMPT		Best attempt number.	Just for horizontal jumps and throws event units.
UER_ATH_AT /AT_WIND_SPEED		Wind in meters per second: at the event unit for track events and during the best attempt mark for horizontal jumps.	Just for track events (100m, 200m, 400m, 800m, 1500m, 5000m, 10,000m, 100m Hurdles, 110m Hurdles, 400m Hurdles and 3000m Steeplechase) and for horizontal jumps events (Long Jump and Triple Jump)
UER_ATH_AT /AT_PHOTO		Send the Photo Finish status: Y in case of Evaluated P in case of Pending	Just if applies
UER_ATH_AT /AT_WINDING		Send Y in case of one of the performances 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.	Just if applies

#### 5.1.5.6 Message sort

Please, follow the general definition.



## 5.1.6 Phase Results

### 5.1.6.1 Description

This message is the Phase Results message as described in the ODF Sport Messages Interface Document.

### 5.1.6.2 Header Values

The DocumentCode attribute in the ODF header will be sent according to the ODF Common Codes document (header values sheet).

### 5.1.6.3 Trigger and Frequency

Please, follow the general definition with the exception that the Unofficial ResultStatus will never be sent.

### 5.1.6.4 Message Structure

The optional elements defined for this message in the ODF Sport Messages Interface Document that should be included in the case of Athletics are:

- Result /RecordIndicators /RecordIndicator
- Competitor /Composition /Athlete /ExtendedResults /ExtendedResult

### 5.1.6.5 Message Values

The following table lists the Phase Results optional and/or extended attributes (defined in the ODF Sport Messages Interface Document), as well as the attributes that have an extended definition.

Element	Attribute	M/O	Value	Comments
Result	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	S(1)	Send Y in case of the Rank has been equalled.
	ResultType	M	CC @ResultType	Result type, either time or distance or IRM for the corresponding phase.
	IRM	O	CC @IRM	IRM for the particular phase  Send just in the case @ResultType is IRM
	Result	O	HH:MM:SS.t 99:99:90.00  or  N(2).N(2) 90.00	Result for the particular phase  Send just in the case @ResultType is Time or Distance  For time: HH is hours, MM is minutes, SS is seconds, t is tenths of second  For distance: in meters per second
	QualificationMark	O	CC @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.
Result /RecordIndicators /RecordIndicator	Order	M	Numeric	<del>Number of times current record (RecordCode + RecordType) is broken; increment starting from 1.</del>  Deprecated: For London, Order is always "1" for the latest (best) record of each type broken/equalled up to the current phase.
	Code	M	CC @RecordCode	Code which describes the record broken by the result value (e.g. "ATM001000").



Element	Attribute	M/O	Value	Comments
	RecordType	M	CC @RecordType	Code which specifies the level at which the record is broken (e.g. "OR").

The following table describes in more detail the Competitor /Composition /Athlete /ExtendedResults /ExtendedResult element.

Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
PER_ATH_AT	AT_WIND			+N(1).N(1) +9.0	For @Type: Send proposed type
					For @Code: Send proposed code
					For @ Pos: Do not send anything
					For @Value: Wind at the phase in meters per second
	AT_POINTS			N(4) 9990	For @Type: Send proposed type
					For @Code: Send proposed code
					For @ Pos: Do not send anything
					For @Value: Points at this phase
	AT_FALSE_START			S(n)	For @Type: Send proposed type
					For @Code: Send proposed code
					For @ Pos: Do not send anything
					For @Value: False start indication, e.g., "F1" or "F3"
	AT_RULE			Text	For @Type: Send proposed type
					For @Code: Send proposed code
					For @ Pos: Do not send anything
					For @Value: Text of the rule

For the table above, we have the following additional/summary information:

Type /Code	Extension Code	Description	Expected
PER_ATH_AT /AT_WIND		Wind at the phase in meters per second	Just for 100m, Long Jump and 110m Hurdles of the Combined Events
PER_ATH_AT /AT_POINTS		Points at this phase	For all the phases of the Combined Events.
PER_ATH_AT /AT_FALSE_START		False start indication, e.g., "F1" or "F3" at this phase	Just for track event units: 100m, 200m, 400m, 800m, 1500m, 5000m, 10000m, 100m Hurdles, 110m Hurdles, 400m Hurdles and 3000m Steeplechase



PER_ATH_AT /AT_RULE		Text of the rule for disqualification	Just in case of athlete's disqualification for track and field events.
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**5.1.6.6****Message sort**

Please, follow the general definition.



## 5.1.7 Cumulative Results

### 5.1.7.1 Description

This message is the Cumulative Results message as described in the ODF Sport Messages Interface Document.

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

### 5.1.7.2 Header Values

The DocumentCode attribute in the ODF header will be sent according to the ODF Common Codes document (header values sheet).

The DocumentSubtype attribute in the ODF header can contain this kind of information:

- DDGEEEEUU: that would represent the cumulative results up to the end of the referenced event unit.

This type of DocumentSubtype will be used just for the next events:

- Track events
- Field events
- Relays events
- Combined events

- DDGEEEEP00: that would represent the cumulative results up to the end of the referenced phase.

This type of DocumentSubtype will be used just for the next events:

- Combined events

### 5.1.7.3 Trigger and Frequency

Please, follow the general definition.

### 5.1.7.4 Message Structure

The optional elements defined for this message in the ODF Sport Messages Interface Document that should be included in the case of Athletics are:

- ExtendedInfos and its child element ExtendedInfo
- CumulativeResult /RecordIndicators /RecordIndicator
- CumulativeResult /ResultItems /ResultItem /Result /RecordIndicators and its child element RecordIndicator
- Competitor /Composition /Athlete /ExtendedResults /ExtendedResult

### 5.1.7.5 Message Values

The following table lists the Cumulative Results optional and/or extended attributes (defined in the ODF Sport Messages Interface Document), as well as the attributes that have an extended definition.

Element	Attribute	M/O	Value	Comments
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Element	Attribute	M/O	Value	Comments
CumulativeResult	Rank	O	Text	Rank of the competitor in the cumulative result. This attribute is optional because the competitor could get an invalid rank mark.
	RankEqual	O	S(1)	Send Y in case of the Rank has been equalled.
	ResultType	O	CC @ResultType	Result type, either time or distance or points or IRM for the cumulative result.  It could be TIME just for Track events, for Relays events and for the Track phases of the Combined events, having at the header the DocumentSubtype of this type: DDGEEEEPUU.  It could be DISTANCE just for Field events and for the Field phases of the Combined events, having at the header the DocumentSubtype of this type: DDGEEEEPUU.  It could be POINTS just for Combined events having at the header the DocumentSubtype of this type: DDGEEEEPUU.
	IRM	O	CC @IRM	IRM for the cumulative result  Send just in the case @ResultType is IRM
	Result	O	HH:MM:SS.t 99:99:90.00  or  N(2).N(2) 90.00  or  N(4) 9990	Cumulative result  Send just in the case @ResultType is TIME or POINTS or DISTANCE  For time: HH is hours, MM is minutes, SS is seconds, t is tenths of second  For distance: in meters per second  For points (for the Overall Results of the Combined Events): numeric with a maximum of 4 digits
	QualificationMark	O	CC @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 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.
CumulativeResult /RecordIndicators /RecordIndicator	Order	M	Numeric	<del>Number of times current record (RecordCode + RecordType) is broken; increment starting from 1.</del>  Deprecated: For London, Order is always "1" for the latest (best) record of each type broken/equalled up to the current phase.
	Code	M	CC @RecordCode	Code which describes the record broken by the CumulativeResult /Result value (e.g. "ATM001000").
	RecordType	M	CC @RecordType	Code which specifies the level at which the record is broken (e.g. "OR").
CumulativeResult /ResultItems /ResultItem	Rank	O	Text	Rank of the competitor in the result for the event unit or phase identified by /ResultItems /ResultItem.
	RankEqual	O	S(1)	Send Y in case of the Rank has been equalled.



Element	Attribute	M/O	Value	Comments
/Result  (For any Event Unit Results message, there should be at least one competitor being awarded a result for the event unit)	ResultType	O	CC @ResultType	Type of the @Result attribute for the event unit or phase identified by /ResultItems /ResultItem  It could be TIME just for Track events, for Relays events and for the Track phases of the Combined events, having at the header the DocumentSubtype of this type: DDGEEEEPUU.  It could be DISTANCE just for Field events and for the Field phases of the Combined events, having at the header the DocumentSubtype of this type: DDGEEEEPUU.  It could be POINTS just for Combined events having at the header the DocumentSubtype of this type: DDGEEEEPUU.
	Result	O	HH:MM:SS.t 99:99:90.00  or  N(2).N(2) 90.00  or  N(4) 9990	The result of the competitor for the event unit or phase identified by /ResultItems /ResultItem  Send just in the case @ResultType is TIME or POINTS or DISTANCE  For time: HH is hours, MM is minutes, SS is seconds, t is tenths of second  For distance: in meters per second  For points (for Combined Event Units): numeric with a maximum of 4 digits
	IRM	O	CC @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
	QualificationMark	O	CC @QualificationMark	The code which gives an indication on the qualification of the competitor for the next round of the competition for the event unit or phase identified by /ResultItems /ResultItem
	SortOrder	M	Numeric	Used to sort all results in an event unit or phase identified by /ResultItems /ResultItem
	CumulativeResult /ResultItems /ResultItem /Result /RecordIndicators /RecordIndicator  (result's record indicator)	M	Numeric	<del>Number of times current record (RecordCode + RecordType) is broken; increment starting from 1. It just applies to event units</del>  Deprecated: For London, Order is always "1" for the latest (best) record of each type broken/equalled in this event unit.
	Code	M	CC @RecordCode	Code which describes the record broken by the CumulativeResult /ResultItems /ResultItem /Result value (e.g. "ATM001000"). <u>It just applies to event units</u>
	RecordType	M	CC @RecordType	Code which specifies the level at which the record is broken (e.g. "OR"). <u>It just applies to event units</u>

The following table describes in more detail the Competition /ExtendedInfos /ExtendedInfo element.

Element: Competition /ExtendedInfos /ExtendedInfo					
Type	Code	Extension Code	Pos	Value	Description
CEI_AT	AT_LAST_QUAL			S(20) with no leading zeros	For @Type: Send proposed type
					For @Code: Send proposed code





Element: Competition /ExtendedInfos /ExtendedInfo					
Type	Code	Extension Code	Pos	Value	Description
					For @ Pos: Do not send anything
					For @Value: ID of the last competitor qualified

For the table above, we have the following additional/summary information:

Type /Code	Code Extension	Description	Expected
CEI_AT /AT_LAST_QUAL		Identification of the last competitor qualified for the next phase.	Send just by pre-finals phases.

The following table describes in more detail the Competitor /Composition /Athlete /ExtendedResults /ExtendedResult element.

Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
CER_ATH_AT	AT_RULE			Text	For @Type: Send proposed type
					For @Code: Send proposed code
					For @ Pos: Do not send anything
					For @Value: Rule text
	AT_POINTS			N(4) 9990	For @Type: Send proposed type
					For @Code: Send proposed code
					For @ Pos: Do not send anything
					For @Value: Cumulative points
	AT_DIFF			N(4) 9990	For @Type: Send proposed type
					For @Code: Send proposed code
					For @ Pos: Do not send anything
					For @Value: Cumulative points behind the leader
	AT_LAST_COMPETITOR			S(1)	For @Type: Send proposed type
					For @Code: Send proposed code
					For @ Pos: Do not send anything
					For @Value: Send Y for the last finished competitor or for the last



Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					competitor whose time or distance was measured

For the table above, we have the following additional/summary information:

Type /Code	Extension Code	Description	Expected
CER_ATH_AT /AT_RULE		Text of the rule for disqualification	Just for Combined Events in case of athlete's disqualification
CER_ATH_AT /AT_POINTS		Cumulative points for a set of heats/groups of one phase.	Just for Combined Events
CER_ATH_AT /AT_DIFF		Cumulative points difference to the leader	Just for Combined Events
CER_ATH_AT /AT_LAST_COMPETITOR		Send Y for the last finished competitor or for the last competitor whose time or distance was measured	Do not send for Combined Events. Just for Field and Track individual events.

#### 5.1.7.6 Message sort

Please, follow the general definition.

### 5.1.8 Event's Medallists

#### 5.1.8.1 Description

This message is the Event's Medallists message as described in the ODF Sport Messages Interface Document.

In the case of Athletics, the message has to be sent for all the competition events, as listed in the header values section.

#### 5.1.8.2 Header Values

The DocumentCode attribute in the ODF header will be sent according for all the competition events to the ODF Common Codes document (header values sheet).

#### 5.1.8.3 Trigger and Frequency

Please, follow the general definition.

#### 5.1.8.4 Message Structure

Please, follow the general definition.

#### 5.1.8.5 Message Values

Please, follow the general definition.

#### 5.1.8.6 Message sort

Please, follow the general definition.



## 5.1.9 Records

### 5.1.9.1 Description

This message is the Records message as described in the ODF Sport Messages Interface Document.

### 5.1.9.2 Header Values

The DocumentCode attribute in the ODF header will be sent according to the ODF Common Codes document (header values sheet).

### 5.1.9.3 Trigger and Frequency

Please, follow the general definition.

### 5.1.9.4 Message Structure

The optional elements defined for this message in the ODF Central Messages Interface Document that should be included in the case of Athletics are:

- RecordEntry /Competitor /ExtRecords and its child element
- RecordEntry /Competitor /Composition /Athlete and its child element

In the next section (message values), there is a more detailed definition.

### 5.1.9.5 Message Values

The following table lists the Records optional attributes (defined in the ODF Sport Messages Interface Document) that are used in the case of Athletics, as well as the attributes that have an extended definition.

Element	Attribute	M/O	Value	Comments
Record /RecordType	Subcode	O	NOC if Code="NR" Rank if Code="BOP"	It will be mandatory in case of Code="NR" or "BOP"
Record /RecordType /RecordEntries RecordEntry /RecordData	ResultType	M	CC @ResultType	Result type, either time, distance or points for the corresponding event unit
	Result	M	HH:MM:SS.t 99:99:90.00  or  N(2).N(2) 90.00  or  N(4) 9990	Result for the particular event unit.  For time: HH is hours, MM is minutes, SS is seconds, t is tenths of second  For distance: in meters per second  For points (for Combined Event Units): numeric with a maximum of 4 digits
Record /RecordType /RecordEntries /RecordEntry /Competitor /RecordData	RSC	O	Concatenation of the following:  CC @Discipline CC @DisciplineGender CC @Event CC @Phase CC @Unit	Send always (compulsory) in case of Historical = 'N'.  It should include the event unit in the current competition where the record was broken
	Time	O	MillisTime	Send always (compulsory) in case of Historical = 'N'.



Element	Attribute	M/O	Value	Comments
	Event	O	S(40)	Send in case of Historical='Y'.  Send the text of the event name where the record was broken (example: "World Championships", "Olympic Games", etc.).
Record /RecordType /RecordEntries /RecordEntry /Competitor /Composition /Athlete /RecordData	RSC	O	Concatenation of the following:  CC @Discipline CC @DisciplineGender CC @Event CC @Phase CC @Unit	Send always (compulsory) in case of Historical='N'.  It should include the event unit in the current competition where the record was broken
	Time	O	MillisTime	Send always (compulsory) in the case Historical='N'.
	Event	O	S(40)	Send in the case Historical='Y'.  Send the text of the event name where the record was broken (example: "World Championships", "Olympic Games", etc.).

The following table describes in more detail the ExtRecord element in the case of Athletics.

<b>Element:</b> <b>Competition /Record /RecordType /RecordEntries /RecordEntry /Competitor /ExtRecords /ExtRecord or</b> <b>Competitor /Record /RecordType /RecordEntries /RecordEntry /Competitor /Composition /Athlete /ExtRecords /ExtRecord</b>				
Type	Code	Pos	Value	Description
ER_AT	AT_WIND		+N(1).N(1) +9.0	For @Type: Send proposed type
				For @Code: Send proposed code
				For @Pos : Do not send anything
				For @Value: Wind in meters per second
	AT_COMMENT		S(1)	For @Type: Send proposed type
				For @Code: Send proposed code
				For @Pos : Do not send anything
				For @Value: Record comment code. A for Altitude, I for Indoor
	AT_POSITION		S(5)	For @Type: Send proposed type
				For @Code: Send proposed code
				For @Pos : Do not send anything
				For @Value: Position obtained by the athlete
	AT_RESULT	CC @PhaseNo	HH:MM:SS.t 99:99:90.00	For @Type: Send proposed type



			(time)	For @Code: Send proposed code
			or	For @Pos : Send a number, from 1 to 10 for each phase of Combined Events.
			N(2).N(2) 90.00 (meters)	For @Value: Send the time or distance obtained at each phase of the Combined Event record.

For the table above, we have the following additional/summary information:

Type /Code	Description	Expected
ER_AT /AT_WIND	Record wind	Always, if available
ER_AT /AT_COMMENT	Record comment	Always, if available
ER_AT /AT_POSITION	Position (Place/Round/Heat) obtained by the athlete  Example: "3qf1", "4r1", "1s1", "1h1", "1"	Always, if available
ER_AT /AT_RESULT	Time or distance obtained at each phase of the Combined Event record.	For Combined Events records.

#### 5.1.9.6 Message sort

Please, follow the general definition.



## **5.1.10 Discipline/venue good morning**

### **5.1.10.1 Description**

This message is the Discipline/venue good morning message as described in the ODF Sport Messages Interface Document.

### **5.1.10.2 Header Values**

The DocumentCode attribute in the ODF header will be sent according to the discipline/venue pairs as described in the ODF Common Codes document.

### **5.1.10.3 Trigger and Frequency**

Please, follow the general definition.

### **5.1.10.4 Message Structure**

Please, follow the general definition.

### **5.1.10.5 Message Values**

Please, follow the general definition.

### **5.1.10.6 Message sort**

Please, follow the general definition.



## **5.1.11 Discipline/venue good night**

### **5.1.11.1 Description**

This message is the Discipline/venue good night message as described in the ODF Sport Messages Interface Document.

### **5.1.11.2 Header Values**

The DocumentCode attribute in the ODF header will be sent according to the discipline/venue pairs as described in the ODF Common Codes document.

### **5.1.11.3 Trigger and Frequency**

Please, follow the general definition.

### **5.1.11.4 Message Structure**

Please, follow the general definition.

### **5.1.11.5 Message Values**

Please, follow the general definition.

### **5.1.11.6 Message sort**

Please, follow the general definition.



## 5.1.12 Discipline configuration

### 5.1.12.1 Description

This message is the Discipline configuration message as described in the ODF Sport Messages Interface Document.

### 5.1.12.2 Header Values

Please, follow the general definition.

### 5.1.12.3 Trigger and Frequency

Please, follow the general definition.

### 5.1.12.4 Message Structure

Please, follow the general definition.

### 5.1.12.5 Message Values

Send the attributes and codes according to the tables described in this section.

The following table lists the Discipline configuration optional attributes (defined in the ODF Sport Messages Interface Document) that are used in the case of Athletics, as well as the attributes that have an extended definition.

Element	Attribute	M/O	Value	Comments
Config	Gender	M	CC @Gender	Gender
	Event	M	CC @Event	Event
	Phase	M	CC @Phase	Phase
	Unit	O	CC @Unit	Event Unit

The following table describes in more detail the Competition /Configs /Config /ExtendedConfig element.

Element: Competition /Configs /Config /ExtendedConfig					
Type	Code	Extension ConfigItem Code	Pos	Value	Description
EC_AT	AT_START_IN_LANES (send by event unit)			S(1)	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos Do not send anything
					For @Value: Send Y if the competitors start in lanes
	AT_TOTAL_SPLITS (send by event unit)			N(2) 90	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos Do not send anything
					For @Value: Send the total number of splits
	AT_SPLITPOINT (send by event unit)		N(2) 90	N(2) 90	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos An split point number





Element: Competition /Configs /Config /ExtendedConfig					
Type	Code	Extension ConfigItem Code	Pos	Value	Description
					For @Value: A split point number. Equals to @Pos
		AT_VALUE	CC @SplitPointUnit	N(5) 99990  or  N(2).N(2) 90.00  or  S(n)	For @Type: Send proposed type  For @Code: Send proposed code  For @Pos: Send the corresponding split point unit code  For @Value: Send distance in meters, height with two decimals or distance as a text
	AT_CATEGORY (send by event unit)			CC @UnitCategory	For @Type: Send proposed type  For @Code: Send proposed code  For @Pos: Do not send anything  For @Value: Send the corresponding unit category code
	AT_QUALRULES (send by phase)			S(n)	For @Type: Send proposed type  For @Code: Send proposed code  For @Pos: Do not send anything  For @Value: Send the qualification criteria for the next phase
	AT_RANK_QUALRND_1 AT_RANK_QUALRND_2 AT_RANK_QUALSFN AT_RANK_QUALFNL (indicate respectively qualification for round1, round 2, semi final and final based on rank) (Use @Pos 1 and 2)  AT_BT_QUALRND_1 AT_BT_QUALRND_2 AT_BT_QUALSFN AT_BT_QUALFNL (indicate respectively qualification for round 1, round 2, semi final and final based on best time) (Use @Pos 1 and 2)  AT_BP_QUALFNL (indicate qualification for final based on qualifying performance or best performance) (Use @Pos 3 and 4)  (send by phase)		N(1) 0	N(4) 9990  Or  N(2).N(2) 90.00 (qualifying performance)	For @Type: Send proposed type  For @Code: Send one of the specified codes  For @Pos:  1 to indicate first rank included in the @Code rule. 2 to indicate last rank included in the @Code rule.  3 to indicate the necessary qualifying performance to pass to the next round  4 to indicate the number of best performers that at least will qualify for the next round  For @Value:  Send the rank according to @Code rule and @Pos (1 or 2)  In case of AT_BP_QUALFNL, send the qualifying performance (@Pos 3) or the minimum number of best performers that will qualify for the final (@Pos 4)

For the table above, we have the following additional/summary information



Type /Code	ExtendedConfigItem Code	Description	Expected
EC_AT /AT_START_IN_LANES (send by event unit)		Send Y if the competitors start in lanes	Just for track events
EC_AT /AT_TOTAL_SPLITS (send by event unit)		Total number of splits	Just for horizontal jumps, vertical jumps and throws.  In case of vertical jumps, just send the number of splits known before the competition starts. Once the competition starts, this information will be sent at the DT_RT_RESULT message, not at this one.
EC_AT /AT_SPLITPOINT (send by event unit)		@Pos: Split point number 1 for 800m 1..3 for 1500m 1..2 for 3000m Steeplechase 1..4 for 5000m 1..9 for 10000m 1..9 for Road events 1..n for vertical jumps	Just for 800m, 1500m, 3000m Steeplechase, 5000m, 10000m, 20km Race Walk, 50km Race Walk and Marathon and vertical jumps.  In case of vertical jumps, just the jumping heights known before the competition starts will be sent at this message. The ones that will be added along the competition will be sent at the DT_RT_RESULT message, not at this one.
	AT_VALUE	@Pos: 1 for distance in meters for track and road event units 2 for distance as a text (e.g. Half) for track and road event units 3 for height for vertical jumps  @Value: Distance in meters or text from the start of the race up to the point 400, 600m for 800m 400, 800 and 1200 for 1500m 1000 and 2000 for 3000m Steeplechase 1000,2000,3000 and 4000m for 5000m 1000,2000,3000,4000,5000,6000,7000,8000 and 9000 for 10000m 2000,4000,6000,8000,10000,12000,14000, 16000 and 18000 for 20km Race Walk 5000,10000,15000,20000,25000,30000,35000,40000 and 45000 for 50km Race Walk 5000,10000,15000,20000,Half,25000,30000,35000 and 40000 for Marathon  Jumping height in meters with two decimals for vertical jumps	
EC_AT /AT_CATEGORY (send by event unit)		Send the corresponding category code: "A" for field, road and relays events "B" for throws "C" for horizontal jumps "D" for vertical jumps	Always
EC_AT /AT_QUALRULES (send by phase)		Send the qualification criteria for the next phase	If applies
AT_RANK_QUALRND_2 AT_RANK_QUALSFN AT_RANK_QUALFNL  AT_BT_QUALRND_2 AT_BT_QUALSFN AT_BT_QUALFNL  AT_BP_QUALFNL		AT_RANK_QUALRND_2, AT_RANK_QUALSFN and AT_RANK_QUALFNL: indicate respectively qualification for round 2, semi final and final based on rank. (Use @Pos 1 and 2)  AT_BT_QUALRND_2, AT_BT_QUALSFN and AT_BT_QUALFNL: indicate respectively	If applies



Type /Code	ExtendedConfigItem Code	Description	Expected
(send by phase)		qualification for round 2, semi final and final based on best time. (Use @Pos 1 and 2)  AT_BP_QUALFNL: indicates qualification for final based on qualifying performance or best performance. (Use @Pos 3 and 4)	

#### 5.1.12.6 Message sort

Please, follow the general definition.



## 5.1.13 Event Unit Weather Conditions

### 5.1.13.1 Description

The weather result condition is a message containing the weather conditions in the event unit.

### 5.1.13.2 Header Values

Please, follow the general definition.

### 5.1.13.3 Trigger and Frequency

Please, follow the general definition.

### 5.1.13.4 Message Structure

Please, follow the general definition.

### 5.1.13.5 Message Values

The following table lists the optional attributes (defined in the ODF Sport Messages Interface Document) that are used in the case of Athletics, as well as the attributes that have an extended definition.

Element	Attribute	M/O	Value	Comments
Competition /Weather /Conditions	Code	M	CC @WeatherPoint	Weather Points

### 5.1.13.6 Message sort

Please, follow the general definition.



## 6 Real time

The following chapter describes the ODF-RT part of Athletics.

### 6.1 Real Time Applicable Messages

The next table is a full list of all ODF-RT messages and describes the list of messages used in Athletics the same way as it is done in the table of chapter 4.

Message Type	Message name	Message documented	Message used in this sport	Message extended in this document
DT_RT_GM	RT Discipline/Venue good morning	Sports	X	
DT_RT_GN	RT Discipline/venue good night	Sports	X	
DT_RT_KA	RT Discipline/venue keep alive	Sports	X	
DT_RT_RESULT	RT Event Unit Results	Sports	X	X
DT_RT_CUMULATIVE_RESULT	RT Cumulative Results	Sports	X	X



## 6.1.1 RT Event Unit Results

### 6.1.1.1 Description

This message is the RT Event Unit Results message as described in the ODF Sport Messages Interface Document.

### 6.1.1.2 Header Values

The ODF header will be sent according to the ODF Common Codes document.

### 6.1.1.3 Trigger and Frequency

The following is the trigger for this message in ODF-RT:

- ResultStatus="LIVE\_UPDATE"
  - T1: Trigger after any correction of a competitor's result.
  - T2: Trigger before an event unit starts.
  - T3: Trigger after an event unit starts.
  - T4: Trigger after an individual attempt of a competitor in Field events.
  - T5: Trigger after an individual attempt with mark of a competitor in Field events.
  - T6: Trigger when a competitor crosses an intermediate point.
  - T7: Trigger when the leader crosses an intermediate point.
  - T8: Trigger when a competitor obtains the best mark of the event unit.
  - T9: Trigger after attempt 3 in final for Horizontal Jumps and Throws events.
  - T10: Trigger after attempt 5 in final for Horizontal Jumps and Throws events.
  - T11: Trigger when a competitor completes all his/her attempts of an event unit.
  - T12: Trigger when a competitor (an athlete for individual events or the last team member for relay events) arrives to finish.
  - T13: Trigger when a competitor obtains an invalid result mark.
  - T14: Trigger when the event unit finishes.
  - T15: Trigger when all the event units of a phase finish.
  - T16: Trigger after any lap finished.
- for the other ResultStatus, please, follow the general definition.

### 6.1.1.4 Message Structure

The optional elements defined for this message in the ODF Sport Messages Interface Document that should be included in the case of Athletics are:

- UnitInfo
- RecordIndicators and its child element RecordIndicator



- Competitor /ExtendedResults /ExtendedResult
- Competitor /Composition /Athlete /ExtendedResults /ExtendedResult

Please, follow the general considerations for all the different type of messages.

In the next section (message values), there is a more detailed definition.

#### 6.1.1.5 Message Values

The following table describes in more detail the Result element.

Element	Attribute	M/O	Value	Comments	LIVE_UPDATE RT trigger expected
Result	Rank	O	Text	Rank of the competitor in the corresponding event unit. This attribute is optional.	T6 for Road events. T5 for Vertical and Horizontal Jumps and Throws events. T12 and T13 for all events except for Combined Events
	RankEqual	O	S(1)	This attribute identifies if a rank has been equalled or not. Send Y in case of the Rank has been equalled. Send N only if Rank was equalled in previous RT message and is not equalled anymore.	Just if applies
	ResultType	O	CC @ResultType	Result type, either time, distance or IRM for the corresponding event unit	T6 for Road events. T4 for Vertical and Horizontal Jumps and Throws events. T12 and T13 for all events except for Combined Events
	Result	O	HH:MM:SS.t 99:99:90.00 or N(2).N(2) 90.00	Result for the particular event unit, either time or distance. This attribute is optional. HH is hours, MM is minutes, SS is seconds, t is tenths of second	T6 for Road events. T4 for Vertical and Horizontal Jumps and Throws events. T12 and T13 for all events except for Combined Events
	IRM	O	CC @IRM	The invalid rank mark, in case it is assigned	T6 for Road events. T4 for Vertical and Horizontal Jumps and Throws events. T12 and T13 for all events except for Combined Events
	QualificationMark	O	CC @QualificationMark	The code which gives an indication on the qualification of the competitor for the next round of the competition	Does not apply to finals, neither to Combined Events. T14 for Q value. The q (Qualified by time) value will not be sent at this message (this code will be sent at the RT Cumulative Results message)
	SortOrder	M	Numeric	This attribute is a sequential number with the order of the results for the particular event unit, if they were to be presented. It is mostly based on the rank, but it should be used to sort out rank ties as well as results without rank.	T6 for Road events. T4 for Vertical and Horizontal Jumps and Throws events. T12 and T13 for all events except for Combined Events

The following table describes in more detail the RecordIndicator element.

Element	Attribute	M/O	Value	Comments
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Result /RecordIndicators /RecordIndicator	Order	M	Numeric	<del>Number of times current record (RecordCode + RecordType) is broken; increment starting from 1.</del>  Deprecated: For London, Order is always "1" for records broken/equalled in this Event Unit.
	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").

The following table describes in more detail the UnitInfo element in the case of Athletics.

Element: UnitInfo					
Type	Code	Extension Code	Pos	Value	Description
UI_AT	AT_WIND_SPEED			+N(2).N(2) +90.00 Or -N(2).N(2) -90.00	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything
					For @Value: Wind in meters per second
	AT_CURRENT_SPLIT			N(2) 90  or  F	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything
					For @Value: Number of the current split point or current jumping height, according to the AT_SPLITPOINT @Pos of Discipline Configuration message or Number of attempt. Send F as soon as the first athlete crosses the finish
	AT_CURRENT_SPLIT_ATTEMPT			N(1) 0	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything
					For @Value: 1..3 Index of attempt within current jumping height
	AT_LAST_LAP			HH:MM:SS.t 99:99:90.00	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything
					For @Value: 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.
	AT_SPLIT_TIME		N(2) 90	HH:MM:SS.t 99:99:90.00	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Send number of intermediate point
					For @Value: Time of the leader at this intermediate point
	AT_LEADER			S(20) with no leading zeros	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything
					For @Value: Identifier of the leader at this split
	AT_TIME_LAST_KM			HH:MM:SS.t 99:99:90.00	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything
					For @Value: Time of last km
	AT_LAST_QUAL			S(20) with no leading zeros	For @Type: Send proposed type
					For @Code: Send proposed code
					For @ Pos: Do not send anything
					For @Value: ID of the last competitor qualified
	AT_SPLITPOINT		N(2) 90	N(2).N(2) 90.00	For @Type: Send proposed type
					For @Code: Send proposed code
					For @ Pos: Send the split point number, from 1 to n
					For @Value: Send the Jumping height with two decimals
	AT_TOTAL_SPLITS		N(2) 90		For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos Do not send anything
					For @Value: Send the total number of splits

For the table above, we have the following additional/summary information:

Type /Code	Extension Code	Description	LIVE_UPDATE RT trigger expected
UI_AT /AT_WIND_SPEED		Wind reading for the heat in meters per second	T14



		Just applies to track event units 100m, 200m, 100m Hurdles, 110m Hurdles (and also track at Combined Event units)	
UI_AT /AT_CURRENT_SPLIT		Number of current split point (for individual track event units) or current jumping height (for vertical jumps), according to the AT_SPLITPOINT @Pos of the Discipline Configuration message or number of attempt (for horizontal jumps and throws event units). Send F as soon as the first athlete crosses the finish	T4 or T7 or T14
UI_AT /AT_CURRENT_SPLIT_ATTEMPT		Number of attempt within current jumping height  Just for vertical jumps	T4
UI_AT /AT_LAST_LAP		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.  The laps for each event are the next ones 800m: 400m, 600m 1,500m: 400m, 800m, 1200m 3,000m Steeple: 1000m, 2000m 5,000m: 1000m, 2000m, 3000m, 4000m 10,000m: 1000m, 2000m, 3000m, 4000m, 5000m, 6000m, 7000m, 8000m, 9000m  In the 1500m event the last laps are: 0-400m then 400m-800m then 800m-1200m and lastly 1100m-1500m  Just applies to individual track events over 400m, i.e.: 800m, 1500m, 3000m Steeplechase, 5000m and 10000m.	T7
UI_AT /AT_SPLIT_TIME		Time of the leader at this intermediate point.  Just applies to individual track events.	T7
	AT_LEADER	Identifier of the leader at this split.  Just applies to individual track events.	T7
	AT_TIME_LAST_KM	Time of last km.  Just applies to 3000m, 3000m Hurdles, 5000m and 10000m event units.	T7
UI_AT /AT_LAST_QUAL		Identification of the last competitor qualified for the next phase.  Send just by pre-finals phases for vertical jumps (High Jump and Pole Vault), horizontal jumps (Long Jump and Triple Jump) and throws (Shot Put, Discus, Hammer and Javelin Throw).	T5 or T11
UI_AT /AT_SPLITPOINT		Send one different @Pos and @Value for every Jumping height done at the competition.  @Pos from 1 to n (1 for the 1 <sup>st</sup> Jumping height, 2 for the 2 <sup>nd</sup> Jumping height and	If available



		so on) @Value in meters with two decimals.  Just for vertical jumps (High Jump and Pole Vault)	
UI_AT /AT_TOTAL_SPLITS		Send the total number of splits.  Just for vertical jumps (High Jump and Pole Vault)	First time this type of message is sent and every time it changes

The following table describes in more detail the Competitor /ExtendedResults /ExtendedResult element.

Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
UER_TEAM_AT	AT_LAST_COMPETITOR			S(1)	For @Type: Send proposed type
					For @Code: Send proposed code
					For @ Pos: Do not send anything
					For @Value: Send Y for the last finished competitor, N if it is not the last competitor anymore

For the table above, we have the following additional/summary information:

Type /Code	Code Extension	Description	LIVE_UPDATE RT trigger expected
UER_TEAM_AT /AT_LAST_COMPETITOR		Send Y if it is the last finished team or N if it is not the last competitor anymore.	T12
		Just applies to Relays events units	

The following table describes in more detail the Competitor /Composition /Athlete /ExtendedResults /ExtendedResult element.

Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
UER_ATH_AT	AT_SPLIT		N(1) 0	N(1) 0	For @Type: Send proposed type
					For @Code: Send proposed code
					For @ Pos: Number of split point from 1 to n
					For @Value: Number of split point from 1 to n
		AT_RECORD_MARK		CC @RecordType	For @Type: Send proposed code
					For @Code: Send proposed extension code



Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					For @ Pos: Do not send anything
					For @Value: Record code obtained after the attempt
		AT_RESULT		HH:MM:SS.t 99:99:90.00	For @Type: Send proposed code
				or	For @Code: Send proposed extension code
				N(2).N(2) 90.00	For @Pos: Do not send anything
				or	For @Value: Time result from the start of the race up to this split point or
				S(1)	Attempt mark in meters with 2 decimals digits or “-” (if pass) or “x” (if failure) or “r” (if retired) or
		AT_RANK_AT_SPLIT		or	Height attempt marks like ‘o’ (if clearance), ‘-’ (if pass) or ‘xxx’ (if three failures) or “r” (if retired)
				S(n)	
				Text	For @Type: Send proposed code
					For @Code: Send proposed extension code
					For @Pos: Do not send anything
					For @Value: Rank at this split point
		AT_RANK_EQUAL_SPLIT		S(1)	For @Type: Send proposed code
					For @Code: Send proposed extension code
					For @Pos: Do not send anything
		AT_SORT_AT_SPLIT		N(2) 90	For @Value: Send Y in case of the rank at this split point is an equalled rank at the split
					For @Type: Send proposed code
					For @Code: Send proposed extension code
		AT_WIND_SPEED		+N(1).N(1) +9.0 Or -N(1).N(1)	For @Pos: Do not send anything
					For @Value: Sequential number with the order of the results at the split, if they were to be presented. It is mostly based on the rank at the split, but it should be used to sort out rank ties as well as athletes without rank at the split.
					For @Type: Send proposed code
					For @Code: Send proposed extension code



Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
				-9.0	code
					For @ Pos: Do not send anything
					For @Value: Wind during the attempt in meters per second
		AT_DIFF		+HH:MM:SS.t +99:99:90.00  or "0.0"	For @Type: Send proposed code
					For @Code: Send proposed extension code
					For @ Pos: Do not send anything
					For @Value: Time behind leader at this split point
		AT_MARK_AFTER_SPLIT		N(2).N(2) 90.00	For @Type: Send proposed code
					For @Code: Send proposed extension code
					For @Pos: Do not send anything
					For @Value: Best mark after the attempt
		AT_RANK_AFTER_ATTEMPT	N(1) 0	Text	For @Type: Send proposed code
					For @Code: Send proposed extension code
					For @Pos: Send the attempt number: 1..3.
					For @Value: Athlete's rank after the athletes' @Pos (from 1st to 3rd) attempt at this height
		AT_RANKEQ_AFTER_ATTEMPT	N(1) 0	S(1)	For @Type: Send proposed code
					For @Code: Send proposed extension code
					For @Pos: Send the attempt number: 1..3.
					For @Value: Send Y in case of the AT_RANK_AFTER_ATTEMPT is an equalled rank
		AT_RANK_AFTER_SPLIT		Text	For @Type: Send proposed code
					For @Code: Send proposed extension code
					For @Pos: Do not send anything
					For @Value: Rank after all athletes finished this attempt
		AT_RANKEQUAL_AFTER_SPLIT		S(1)	For @Type: Send proposed code
					For @Code:



Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					Send proposed extension code
					For @Pos: Do not send anything
					For @Value: Send Y in case of the AT_RANK_AFTER_SPLIT is an equalled rank
		AT_INDEX_TV_AFTER_SPLIT		N(2) 90	For @Type: Send proposed code
					For @Code: Send proposed extension code
					For @Pos: Do not send anything
					For @Value: TV display order after all athletes finished this attempt
		AT_RECORD_AFTER_SPLIT		CC @RecordType	For @Type: Send proposed code
					For @Code: Send proposed extension code
					For @Pos: Do not send anything
					For @Value: Record code after all athletes finished this attempt
		AT_RUNWAY_SPEED		N(2).N(1) 90.0	For @Type: Send proposed code
					For @Code: Send proposed extension code
					For @Pos: Do not send anything
					For @Value: Run-up speed in km/h
		AT_STEP	N(1) 0	N(2).N(2) 90.00	For @Type: Send proposed code
					For @Code: Send proposed extension code
					For @Pos: Send the step number: 1..3
					For @Value: Length in meters for the @Pos step
		AT_WARNINGS		CC @Warning	For @Type: Send proposed code
					For @Code: Send proposed extension code
					For @Pos: Do not send anything
					For @Value: Warnings at this split point; Concatenation (maximum 3) of warnings.
		AT_LAST_COMPETITOR_SPLIT		S(1)	For @Type: Send proposed code
					For @Code: Send proposed extension



Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					code
					For @Pos: Do not send anything
					For @Value: Send Y if this is the split of last attempt of last competitor or the last split crossed by the last competitor who crossed this split, N if it is not the one anymore.
	AT_IRM_SPLIT			N(2) 90	For @Type: Send proposed code
					For @Code: Send proposed extension code
					For @ Pos: Do not send anything
					For @Value: Split which the athlete received the IRM value
	AT_WARNINGS			CC @Warning	For @Type: Send proposed type
					For @Code: Send proposed code
					For @ Pos: Do not send anything
					For @Value: Concatenation (maximum 3) of warnings.
	AT_ORDER_INITIAL			N(2) 90	For @Type: Send proposed code
					For @Code: Send proposed extension code
					For @ Pos: Do not send anything
					For @Value: Starting order of the athlete at the beginning
	AT_ORDER_CURRENT			N(2) 90	For @Type: Send proposed code
					For @Code: Send proposed extension code
					For @ Pos: Do not send anything
					For @Value: Current starting order of the athlete
	AT_ORDER_4_5			N(2) 90	For @Type: Send proposed code
					For @Code: Send proposed extension code
					For @ Pos: Do not send anything
					For @Value: Starting order of the athlete after the third attempt
	AT_ORDER_FINAL			N(2) 90	For @Type: Send proposed code
					For @Code:



Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					Send proposed extension code
					For @ Pos: Do not send anything
					For @Value: Starting order of the athlete after the fifth attempt
	AT_DIFF			+HH:MM:SS.t +99:99:90.00	For @Type: Send proposed type
					For @Code: Send proposed code
					For @ Pos: Do not send anything
					For @Value: Time difference to the leader
	AT_REACT_TIME			SS.ttt 99.000	For @Type: Send proposed type
					For @Code: Send proposed code
					For @ Pos: Do not send anything
					For @Value: Reaction time of latest start attempt of the athlete SS is seconds, ttt is thousandth of second
	AT_FALSE_START			S(n)	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything
					For @Value: False start indication
	AT_LAST_FALSE_START			S(1)	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything
					For @Value: Send Y if the competitor did a false start at the last start attempt, N otherwise
	AT_POINTS			N(4) 9990	For @Type: Send proposed type
					For @Code: Send proposed code
					For @ Pos: Do not send anything
					For @Value: Points for performance at the event unit
	AT_INDEX_TV			N(2) 90	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything
					For @Value: Display order for TV





Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
	AT_IN_COMP			S(1)	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything
					For @Value: Send Y if athlete is still in competition, N otherwise
	AT_BEST_ATTEMPT			N(2) 90	For @Type: Send proposed code
					For @Code: Send proposed extension code
					For @ Pos: Do not send anything
					For @Value: Best attempt number
	AT_WIND_SPEED			+N(1).N(1) +9.0 Or -N(1).N(1) -9.0	For @Type: Send proposed type
					For @Code: Send proposed code
					For @ Pos: Do not send anything
					For @Value: Wind speed
	AT_PHOTO			S(1)	For @Type: Send proposed type
					For @Code: Send proposed code
					For @ Pos: Do not send anything
					For @Value: Send the Photo Finish status: Y in case of Evaluated P in case of Pending
	AT_LAST_COMPETITOR			S(1)	For @Type: Send proposed type
					For @Code: Send proposed code
					For @ Pos: Do not send anything
					For @Value: Send Y for the last finished competitor or for the last competitor whose time or distance was measured
	AT_CURRENT_COMPETITOR			S(1)	For @Type: Send proposed type
					For @Code: Send proposed code
					For @ Pos: Do not send anything
					For @Value: Send Y for the current competitor

For the table above, we have the following additional/summary information:



Type /Code	Code Extension	Description	LIVE_UPDATE RT trigger expected
UER_ATH_AT /AT_SPLIT		Number of split point from 1 to n according to the AT_SPLITPOINT UnitConfig element for track events, road events and vertical jumps  or  Attempt number for horizontal jumps and throws.  <del>Just applies to track events over 400m (individual or combined) and to road events and to field events (horizontal jumps, vertical jumps and throws)</del>	T4 or T6
	AT_RECORD_MARK	Record code after attempt  Just for horizontal jumps and throws	T4
	AT_RESULT	Time result from the start of the race up to this split point for track events over 400m and road events  or  Attempt mark in meters with 2 decimals digits or “-” (if pass) or “x” (if failure) or “r” (if retired) for horizontal jumps and throws  or  Height attempt marks like ‘o’ (if clearance), ‘-’ (if pass) or ‘xxx’ (if three failures) or “r” (if retired) for vertical jumps	T4 or T6
	AT_RANK_AT_SPLIT	Rank at this split point for track events, road events and vertical jumps  or Rank after the athlete’s attempt for horizontal jumps and throws	T4 or T6
	AT_RANK_EQUAL_SPLIT	Flag that indicates that the AT_RANK_AT_SPLIT rank is an equalled rank	T4 or T6
	AT_SORT_AT_SPLIT	Sequential number with the order of the results at the split, if they were to be presented. It is mostly based on the rank at the split, but it should be used to sort out rank ties as well as athletes without rank at the split.  Just for Road events (Marathon, 20km Race Walk and 50km Race Walk)	T6
	AT_WIND_SPEED	Wind during the attempt  Just for horizontal jumps: Long Jump and Triple Jump	T4



Type /Code	Code Extension	Description	LIVE_UPDATE RT trigger expected
	AT_DIFF	Time behind leader at this split point  Just for road events (Marathon, 20km Race Walk and 50km Race Walk)	T6
	AT_MARK_AFTER_SPLIT	Best mark after the attempt  Just for horizontal jumps and throws event units	T4
	AT_RANK_AFTER_ATTEMPT	Athlete's rank after the athletes' @Pos (from 1st to 3rd) attempt at this height  Just for vertical jumps	T4
	AT_RANKEQ_AFTER_ATTEMPT	Flag that indicates that the AT_RANK_AFTER_ATTEMPT rank is an equalled rank	T4
	AT_RANK_AFTER_SPLIT	Rank after all athletes finished this attempt  Just for horizontal and vertical jumps and throws event units	T16
	AT_RANKEQUAL_AFTER_SPLIT	Flag that indicates that the AT_RANK_AFTER_SPLIT rank is an equalled rank	T16
	AT_INDEX_TV_AFTER_SPLIT	TV display order after all athletes finished the attempt  Just for horizontal and vertical jumps and throws	T16
	AT_RECORD_AFTER_SPLIT	Record code after all athletes finished the attempt  Just for horizontal and vertical jumps and throws event units	T16
	AT_RUNWAY_SPEED	Run-up speed in km/h  Just for horizontal jumps and throws event units	T4
	AT_STEP	Distance in meters for the step number @Pos. @Pos from 1 to 3: 1 for Hop, 2 for Step and 3 for Jump  Just for Triple Jumps	T4
	AT_WARNINGS	Warnings at this split point. Concatenation (maximum 3) of warnings. Just applies to walks (20km Race Walk and 50km Race Walk)	If applies
	AT_LAST_COMPETITOR_SPLIT	Send Y if this is the split of last attempt of last competitor (horizontal, vertical jumps and throws event units) or if this is the last split crossed by the last competitor crossing this point (road event units).	T4 or T6



Type /Code	Code Extension	Description	LIVE_UPDATE RT trigger expected
		Just for horizontal, vertical jumps, throws and road event units.	
UER_ATH_AT /AT_IRM_SPLIT		Split in which the athlete received the IRM value.  Just for horizontal and vertical jumps and throws event units.	T13
UER_ATH_AT /AT_WARNINGS		Concatenation (maximum 3) of warnings. Just applies to walks (20km Race Walk and 50km Race Walk)	If applies
UER_ATH_AT /AT_ORDER_INITIAL		Starting order of the athlete at the beginning.  Just for horizontal jumps and throws event units	T2
UER_ATH_AT /AT_ORDER_CURRENT		Current starting order of the athlete.  Just for horizontal jumps and throws event units	T2, T3, T9
UER_ATH_AT /AT_ORDER_4_5		Starting order of the athlete after the third attempt.  Just for horizontal jumps and throws event units.	T9
UER_ATH_AT /AT_ORDER_FINAL		Starting order of the athlete after the fifth attempt.  Just for horizontal jumps and throws event units.	T10
UER_ATH_AT /AT_DIFF		Time or points difference to the leader.  Just for road event units (time): Marathon, 20km Race Walk and 50km Race Walk.	T6
UER_ATH_AT /AT_REACT_TIME		Reaction time of latest start attempt of the athlete.  Just for track event units (individual or combined): 100m, 200m, 400m, 100m Hurdles, 110m Hurdles, 400m Hurdles	T3
UER_ATH_AT /AT_FALSE_START		False start indication, e.g., "F1" or "F3".  Just for track event units and Relays.	T3
UER_ATH_AT /AT_LAST_FALSE_START		Send Y if the competitor did a false start at the last start attempt, N otherwise.  Just for individual track event units and Relays.	T3
UER_ATH_AT /AT_POINTS		Points at the event unit.  Just for field, horizontal and	T11 or T12



Type /Code	Code Extension	Description	LIVE_UPDATE RT trigger expected
		vertical jumps and throws event units of Combined Events.	
UER_ATH_AT /AT_INDEX_TV		Display order for TV.  Just for horizontal and vertical jumps and throws event units.	T4
UER_ATH_AT /AT_IN_COMP		Send Y if athlete is still in the competition, N otherwise  Just for vertical jumps	Whenever known or changed
UER_ATH_AT /AT_BEST_ATTEMPT		Best attempt number.  Just for horizontal jumps and throws event units.	T5
UER_ATH_AT /AT_WIND_SPEED		Wind speed for the best attempt  Just for Horizontal Jumps (Long Jump and Triple Jump)	T8
UER_ATH_AT /AT_PHOTO		Send the Photo Finish status: Y in case of Evaluated P in case of Pending	If applies
UER_ATH_AT /AT_LAST_COMPETITOR		Send Y for the last finished competitor or for the last competitor whose time was measured (for track events and road events) or for the last competitor who finished all their attempts or for the last competitor whose distance was measured (for horizontal jumps and throws), N if it is not anymore.  Just applies to individual track, horizontal and vertical jumps, throws and road event events units	T4 or T7 or T12 or T6
UER_ATH_AT /AT_CURRENT_COMPETITOR		Send Y for the current competitor, N if it is not anymore.  Just applies to horizontal and vertical jumps and throws event units.	T4

#### 6.1.1.6

#### Message sort

Please, follow the general definition.



## 6.1.2 RT Cumulative Results

### 6.1.2.1 Description

This message is the RT Cumulative Results message as described in the ODF Sport Messages Interface Document.

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

### 6.1.2.2 Header Values

The ODF header will be sent according to the ODF Common Codes document.

The DocumentSubtype attribute in the ODF header with value DDGEEEEPUU will be used just for the next events:

- Track events
- Field events
- Relays events
- Combined events

The DocumentSubtype attribute in the ODF header with value DDGEEEP00 will be used just for the next events:

- Combined events

### 6.1.2.3 Trigger and Frequency

The following is the trigger for this message in ODF-RT:

- ResultStatus="LIVE\_UPDATE"
  - T1: Trigger at the beginning of the day.
  - T2: Trigger before an event unit starts.
  - T3: Trigger after an event unit starts.
  - T4: Trigger after an individual attempt of a competitor in Field events.
  - T5: Trigger after an individual attempt with mark of a competitor in Field events.
  - T6: Trigger when a competitor crosses an intermediate point.
  - T7: Trigger when the leader crosses an intermediate point.
  - T8: Trigger when a competitor obtains the best mark of the event unit.
  - T9: Trigger after attempt 3 in final for Horizontal Jumps and Throws events.
  - T10: Trigger after attempt 5 in final for Horizontal Jumps and Throws events.
  - T11: Trigger when a competitor completes all his/her attempts of an event unit.
  - T13: Trigger when a competitor obtains an invalid result mark.



- T14: Trigger when the event unit finishes.
- T15: Trigger when all the event units of a phase finish.
- for the other ResultStatus, please, follow the general definition.

#### 6.1.2.4 Message Structure

The optional elements defined for this message in the ODF Sport Messages Interface Document that should be included in the case of Athletics are:

- ExtendedInfos and its child element ExtendedInfo
- CumulativeResult /RecordIndicators /RecordIndicator
- Competitor /Composition /Athlete /ExtendedResults /ExtendedResult

Please, follow the general considerations for all the different type of messages.

In the next section (message values), there is a more detailed definition.

#### 6.1.2.5 Message Values

The following table describes in more detail the CumulativeResult element.

Element	Attribute	M/O	Value	Comments	LIVE_UPDATE RT trigger expected
CumulativeResult	Rank	O	Numeric	Rank of the competitor in the cumulative result.	T14 and T13 for track events (if there are changes). T5 and T13 for field events (if there are changes). T14 for relay.  T11 for field events and T14 for track events for overall rank in the Combined Event  Not sent for road events.
	RankEqual	O	S(1)	This attribute identifies if a rank has been equalled or not. Send Y in case of the Rank has been equalled. Send N only if Rank was equalled in previous RT message and is not equalled anymore.	Just if applies



Element	Attribute	M/O	Value	Comments	LIVE_UPDATE RT trigger expected
	ResultType	O	CC @ResultType	<p>Result type, either time or distance or points or IRM for the cumulative result.</p> <p>It could be TIME just for Track events, for Relays events and for the Track phases of the Combined events, having at the header the DocumentSubtype of this type: DDGEEEEPUU.</p> <p>It could be DISTANCE just for Field events and for the Field phases of the Combined events, having at the header the DocumentSubtype of this type: DDGEEEEPUU.</p> <p>It could be POINTS just for Combined events having at the header the DocumentSubtype of this type: DDGEEEEP00.</p>	<p>T14 and T13 for track events. T5 and T13 for field events. T14 for relay events.</p> <p>T11 for field events and T14 for track events for overall rank in the Combined Event</p> <p>Not sent for road events.</p>
	Result	O	HH:MM:SS.t 99:99:90.00  or  N(2).N(2) 90.00  or  N(4) 9990	<p>The cumulative result: time, distance or points of the competitor.</p> <p>Time for track and relay events.</p> <p>Distance for field events.</p> <p>Points for the overall result of the Combined Event.</p>	<p>Sent if ResultType is TIME, DISTANCE or POINTS</p> <p>T14 and T13 for track events. T5 and T13 for field events. T14 for relay events.</p> <p>T11 for field events and T14 for track events for overall rank in the Combined Event</p> <p>Not sent for road events.</p>
	IRM	O	CC @IRM	The invalid rank mark, in case it is assigned	<p>Sent if ResultType is IRM</p> <p>T14 and T13 for track events. T5 and T13 for field events. T14 for relay events.</p> <p>T11 for field events and T14 for track events for overall rank in the Combined Event.</p> <p>Not sent for road events.</p>
	QualificationMark	O	CC @QualificationMark	The code which gives an indication on the qualification of the competitor for the next round of the competition	<p>T14 for track events. T5 and T13 for field events. T14 for relay events.</p> <p>Not sent for road and Combined Events.</p>





Element	Attribute	M/O	Value	Comments	LIVE_UPDATE RT trigger expected
	SortOrder	O	Numeric	Used to sort all cumulative results, based on rank, but to break rank ties, etc. It is mainly used for display purposes	Sent if ResultType is IRM  T14 and T13 for track events. T5 and T13 for field events. T14 for relay events.  T11 for field events and T14 for track events for overall rank in the Combined Event.  Not sent for road events.

The following table describes in more detail the RecordIndicator element.

Element	Attribute	M/O	Value	Comments
CumulativeResult /RecordIndicators /RecordIndicator	Order	M	Numeric	<del>Number of times current record (RecordCode + RecordType) is broken; increment starting from 1.</del>  Deprecated: For London, Order is always "1" for the latest (best) record of each type broken/equalled up to the current phase.
	Code	M	CC @RecordCode	Code which describes the record broken by the CumulativeResult /Result value (e.g. "ATM001000").
	RecordType	M	CC @RecordType	Code which specifies the level at which the record is broken (e.g. "OR").

The following table describes in more detail the CumulativeResult /ResultItems /ResultItem /Result element.

Element	Attribute	M/O	Value	Comments
CumulativeResult /ResultItems /ResultItem /Result  (For any Event Unit Results message, there should be at least one competitor being awarded a result for the event unit)	Rank	O	Text	Rank of the competitor in the result for the event unit or phase identified by /ResultItems /ResultItem.
	RankEqual	O	S(1)	This attribute identifies if a rank has been equalled or not. Send Y in case of the Rank has been equalled. Send N only if Rank was equalled in previous RT message and is not equalled anymore.
	ResultType	O	CC @ResultType	Type of the @Result attribute for the event unit or phase identified by /ResultItems /ResultItem  It could be TIME just for Track events, for Relays events and for the Track phases of the Combined events, having at the header the DocumentSubtype of this type: DDGEEPUU.  It could be DISTANCE just for Field events and for the Field phases of the Combined events, having at the header the DocumentSubtype of this type: DDGEEPUU.  It could be POINTS just for Combined events having at the header the DocumentSubtype of this type: DDGEEPU0.



	Result	O	HH:MM:SS.t 99:99:90.00  or N(2).N(2) 90.00  or N(4) 9990	The result of the competitor for the event unit or phase identified by /ResultItems /ResultItem  Send just in the case @ResultType is TIME or POINTS or DISTANCE  For time: HH is hours, MM is minutes, SS is seconds, t is tenths of second  For distance: in meters per second  For points (for Combined Event Units): numeric with a maximum of 4 digits
	QualificationMark	O	CC @QualificationMark	The code which gives an indication on the qualification of the competitor for the next round of the competition for the event unit or phase identified by /ResultItems /ResultItem
	IRM	O	CC @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

The following table describes in more detail the CumulativeResult /ResultItems /ResultItem /Result /RecordIndicators /RecordIndicator element.

Element	Attribute	M/O	Value	Comments
CumulativeResult /ResultItems /ResultItem /Result /RecordIndicators /RecordIndicator  (result's record indicator)	Order	M	Numeric	<del>Number of times current record (RecordCode + RecordType) is broken; increment starting from 1. It just applies to event units</del>  Deprecated: For London, Order is always "1" for the latest (best) record of each type broken/equalled in this event unit.
	Code	M	CC @RecordCode	Code which describes the record broken by the CumulativeResult /ResultItems /ResultItem /Result value (e.g. "ATM001000"). <u>It just applies to event units</u>
	RecordType	M	CC @RecordType	Code which specifies the level at which the record is broken (e.g. "OR"). <u>It just applies to event units</u>

The following table describes in more detail the Competition /ExtendedInfos /ExtendedInfo element.

Element: Competition /ExtendedInfos /ExtendedInfo					
Type	Code	Extension Code	Pos	Value	Description
CEI_AT	AT_LAST_QUAL			S(20) with no leading zeros	For @Type: Send proposed type For @Code: Send proposed code For @ Pos: Do not send anything For @Value: ID of the last competitor qualified

For the table above, we have the following additional/summary information:



Type /Code	Code Extension	Description	LIVE_UPDATE RT trigger expected
CEI_AT /AT_LAST_QUAL		Identification of the last competitor qualified for the next phase.  Send just by pre-finals phases.	T4 or T5 or T11 or T14

The following table describes in more detail the Competitor /Composition /Athlete /ExtendedResults /ExtendedResult element.

Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
CER_ATH_AT	AT_POINTS			N(4) 9990	For @Type: Send proposed type
					For @Code: Send proposed code
					For @ Pos: Do not send anything
					For @Value: Cumulative points
	AT_DIFF			+N(4) +9990	For @Type: Send proposed type
					For @Code: Send proposed code
					For @ Pos: Do not send anything
					For @Value: Cumulative points behind the leader
	AT_LAST_COMPETITOR			S(1)	For @Type: Send proposed type
					For @Code: Send proposed code
					For @ Pos: Do not send anything
					For @Value: Send Y for the last finished competitor or for the last competitor whose time or distance was measured, N if it is not anymore

For the table above, we have the following additional/summary information:

Type /Code	Extension Code	Description	LIVE_UPDATE RT trigger expected
CER_ATH_AT /AT_POINTS		Cumulative points for a set of heats/groups of one phase. Just for Combined Events	T14
CER_ATH_AT /AT_DIFF		Cumulative points difference to the leader for a set of phases of the Combined Event.	T14
CER_ATH_AT /AT_LAST_COMPETITOR		Send Y for the last finished competitor or for the last competitor whose time or distance was measured, N if it is not anymore. Do not send for Combined Events.	T4 (for field events) or T14 (for track events)



**6.1.2.6 Message sort**

Please, follow the general definition.



## DOCUMENT CONTROL

### Version history

Version	Date	Comments
R2 v1.0	30 Jan 2009	Submitted for review version
R2 v2.0	27 Feb 2009	Submitted for approval
R2 v3.0	27 Mar 2009	Approved
R2 v4.0	22 May 2009	After improvements presented in last WNPA meeting
R2 v4.1	19 June 2009	Some minor issues
R2 v4.2	17 July 2009	Some minor issues and added the copyright
R2 v4.3	28 August 2009	Some minor issues
R2 v4.4	16 October 2009	Some minor issues
R2 v5.0	12 March 2010	ORIS Release 5 version 1.0 changes and some minor issues
R2 v6.0	20 August 2010	After improvements presented in last WNPA meeting and some minor issues
R2 v6.1	22 October 2010	Some minor issues
R2 v7.0	16 February 2011	IR22
R2 v7.1	18 March 2011	IR22
R2 v7.2	6 May 2011	Defect 40708&40709
R2 v8.0	8 July 2011	Defect 40236, 43593, 43029, IR0447
R2 v9.0	3 October 2011	CR4687, CR4624, Defect 48101, 48125, 48122, 48127, 48132, 50123
R2 v9.1	9 November 2011	Defect 44137
R2 v10.0	9 January 2012	IR101, Defect 56060
R2 v10.1	12 March 2012	Defect 64429
R2 v11.0	13 April 2012	Defect 66918, 65824, 59677, 68078; CR7516
R2 v12.0	25 May 2012	Defect 70796, CR9543, update the description for RecordIndicator@Order
<b>R2 v12.1</b>	<b>22 June 2012</b>	<b>Defect 54791, 76443, 77478</b>

**File reference:** ODF/INT021 R2 v12.1 APP (AT)



## Change Log

Version	Status	Changes on version
R2 v1.0	SFR	<ul style="list-style-type: none"><li>• First version</li></ul>
R2 v2.0	SFA	<ul style="list-style-type: none"><li>• Codes: Removed NH form IRM codes</li><li>• Codes: Added Warning codes</li><li>• List of athletes by discipline: Added AT_Substitute element.</li><li>• Historical Records removed.</li><li>• Event Unit Results: Changed AT_Order_Current element to AT_Order_Initial</li><li>• RT Event Unit Results: Added AT_Order_Initial element.</li><li>• General: Change AT_Rule to text element</li><li>• General: Added AT_Total_Points</li><li>• In chapter 5.5.1 and 5.5.2 unify the E_ENTRY Codes and Types</li></ul>
R2 v3.0	APP	<ul style="list-style-type: none"><li>• Changed description on Phase Results message.</li><li>• Changed CC @ResultType codes names</li><li>• General: changed rank value from numeric to Text</li></ul>
R2 v4.0	APP	<ul style="list-style-type: none"><li>• Codes: Added code WeatherPoint</li><li>• Delete all references to the DT_ORGANISATION, DT_PARTIC_ATHLETES, DT_PARTIC_ATHLETES_UPDATE, DT_PARTIC_OFFICIALS, DT_PARTIC_OFFICIALS_UPDATE, DT_PARTIC_HISTORIC, DT_TEAM_HISTORIC messages</li><li>• Include four new messages DT_PARTIC, DT_PARTIC_UPDATE, DT_HIST_REC_UPDATE and DT_WEATHER.</li><li>• The code INVALID_RESULT_MARK included at the CC @IRM codes has been changed for IRM.</li><li>• In order to unify, the name of some codes at the DT_RT_RESULT message that were ended with a number has been changed for one without number, including this number at the @Pos attribute.</li><li>• Some codes related to the qualification rules have been added to the DT_CONFIG message.</li></ul>
R2 v4.1	APP	<ul style="list-style-type: none"><li>• Added Records and Historical Records messages.</li><li>• Added a new code AT_LAST_QUAL at the DT_RT_CUMULATIVE_RESULT and the corresponding element Composition /ExtendedInfos /ExtendedInfo and also at the DT_RT_RESULT at the element UnitInfos/UnitInfo for the last qualified competitor for the next phase.</li><li>• Added at the DT_RT_RESULT the code AT_WARNINGS at the element Competitor /Composition /Athlete /ExtendedResults /ExtendedResult that appears at the DT_RESULT message.</li><li>• Added the @Pos information for the AT_SPLIT code at the Competitor /Composition /Athlete /ExtendedResults /ExtendedResult element at the DT_RESULT and DT_RT_RESULT messages</li></ul>
R2 v4.2	APP	<ul style="list-style-type: none"><li>• Added the extended definition for some attributes at the DT_RECORD message</li><li>• Added the AT_DIFF code at the DT_RT_RESULT messages at the Competitor /Composition /Athlete /ExtendedResults /ExtendedResult element.</li><li>• Changed the DT_PARTIC_HORSES_UPDATE message name.</li><li>• Added the copyright</li></ul>
R2 v4.3	APP	<ul style="list-style-type: none"><li>• Some corrections have been done in the format of some information time elements.</li><li>• Added some new numeric codes CC @ResultUnit for the result types, used at the DT_PARTIC and DT_PARTIC_UPDATE message.</li><li>• Added a new value type format for points in case of Combined Events at the RecordType /RecordData /Result /@Value at the DT_HISTORIC_RECORD and DT_HIST_REC_UPDATE messages.</li><li>• The element Result /@SortOrder is mandatory at the DT_RT_RESULT message.</li><li>• Added the optional element Result /RecordIndicators /RecordIndicator at the DT_RT_RESULT message.</li></ul>



## Change Log

Version	Status	Changes on version
		<ul style="list-style-type: none"><li>Added a new value for the UI_AT /AT_CURRENT_SPLIT UnitInfo element at the DT_RT_RESULT message for the final of the event unit.</li><li>Changed the possible values of the AT_LAST_FALSE_START and AT_IN_COMP ExtendedResult elements at the DT_RT_RESULT message to Y (yes) or N (not).</li></ul>



## Change Log

Version	Status	Changes on version
R2 v4.4	APP	<ul style="list-style-type: none"><li>Deleted the elements Country and Place from the list of optional attributes (defined in the new version of the ODF Sport Messages Interface Document as mandatory) at the DT_RECORD message.</li><li>Added the element AT_TOTAL_SPLITS for vertical jumps events at the DT_CONFIG message.</li><li>Added some additional information about the Marathon event splits at the AT_SPLITPOINT/AT_VALUE element of the DT_CONFIG message</li></ul>
R2 v5.0	APP	<ul style="list-style-type: none"><li><u>ORIS Release 5 – Version 1.0</u>: Event names have been adjusted to the IAAF standard (e.g. “20km Walk” to “20km Race Walk”).</li><li><u>ORIS Release 5 – Version 1.0</u>: Added the AT_SCORING_RESULT UnitInfo code and its Extension code AT_POINTS in the DT_START_LIST message.</li><li><u>ORIS Release 5 – Version 1.0</u>: Changed the description of the E_SUBSTITUTE EventEntry code in the DT_PARTIC and DT_PARTIC_UPDATE message.</li><li><u>ORIS Release 5 – Version 1.0</u>: The second false start identification for single athlete has been removed.</li><li><u>ORIS Release 5 – Version 1.0</u>: Added the AT_WINDING ExtendedResult code in the DT_RESULT message.</li><li>Added the AT_PHOTO code at the ExtendedResult element in the DT_RESULT and DT_RT_RESULT messages.</li><li>The Bib attribute type has been changed from Numeric to String at the DT_PARTIC, DT_PARTIC_UPDATE and DT_START_LIST messages.</li><li>Changed the Trigger &amp; Frequency of the DT_RESULT message with ResultStatus PARTIAL.</li><li>Added the AT_WIND_SPEED, AT_LAST_LAP, AT_SPLIT_TIME --and its Extension codes AT_LEADER and AT_TIME_LAST_KM—and AT_LAST_QUAL UnitInfo codes at the DT_RESULT message to be consistent with the DT_RT_RESULT message.</li><li>Added the AT_DIFF, AT_MARK_AFTER_SPLIT, AT_RANK_AFTER_ATTEMPT, AT_RANK_AFTER_SPLIT, AT_INDEX_TV_AFTER_SPLIT, AT_RECORD_AFTER_SPLIT, AT_RUNWAY_SPEED, AT_STEP, AT_WARNINGS and AT_LAST_COMPETITOR_SPLIT Extension codes of the AT_SPLIT ExtendedResult code in the DT_RESULT message, according to the Extension codes of the DT_RT_RESULT message.</li><li>Added the AT_LAST_FALSE_START, AT_INDEX_TV and AT_BEST_ATTEMPT ExtendedResult codes in the DT_RESULT message, according to the ExtendedResult codes of the DT_RT_RESULT message.</li><li>Added the AT_LAST_QUAL ExtendedInfo code at the DT_CUMULATIVE_RESULT message, according to the same ExtendedInfo code of the DT_RT_CUMULATIVE_RESULT message.</li><li>Added the AT_POINTS ExtendedResult code at the DT_CUMULATIVE_RESULT message, according to the same ExtendedResult code of the DT_RT_CUMULATIVE_RESULT message.</li><li>Moved the AT_LAST_COMPETITOR code from the UnitInfo element to the ExtendedResult element and extended its Description in the DT_RT_RESULT message</li><li>Moved the AT_LAST_COMPETITOR_SPLIT code from the UnitInfo element to the ExtendedResult/Extension element in the DT_RT_RESULT message</li><li>Moved the AT_CURRENT_COMPETITOR code from the UnitInfo element to the ExtendedResult element in the DT_RT_RESULT message</li><li>Added some clarifications about the possible values of the QualificationMark attribute at the DT_RESULT and DT_RT_RESULT messages</li></ul>
R2 v6.0	APP	<ul style="list-style-type: none"><li>Added some ExtendedResult and Extension codes to inform about the equalled ranks at the DT_RESULT and DT_RT_RESULT messages.</li><li>Added the BirthDate, Height and Weight optional Participant attributes at the Message Values section in the DT_PARTIC and DT_PARTIC_UPDATE messages.</li><li>Changed the Value for the E_SUBSTITUTE EventEntry code in the DT_PARTIC and DT_PARTIC_UPDATE messages.</li><li>Changed the optional elements defined for the DT_HISTORIC_RECORD message.</li><li>Changed the Trigger and Frequency section at the DT_RESULT message.</li></ul>





## Change Log

Version	Status	Changes on version
		<ul style="list-style-type: none"><li>• Added the Result/@RankEqual attribute in the DT_RESULT message.</li><li>• Added the RecordIndicator/@Order attribute in the DT_RESULT message.</li><li>• Added the AT_SPLITPOINT UnitInfo code at the DT_RESULT message.</li><li>• Added the Result/@RankEqual attribute in the DT_PHASE_RESULT message.</li><li>• Added the RecordIndicator/@Order attribute in the DT_PHASE_RESULT message.</li><li>• Added some clarifications at the Header Values and the Message Values sections for the DT_CUMULATIVE_RESULT message.</li><li>• Added the CumulativeResult /ResultItems /ResultItem /Result /RecordIndicators and its child element RecordIndicator optional element at the DT_CUMULATIVE_RESULT message.</li><li>• Added the CumulativeResult/@RankEqual attribute in the DT_CUMULATIVE_RESULT message.</li><li>• Added the CumulativeResult/RecordIndicators/RecordIndicator/@Order attribute in the DT_CUMULATIVE_RESULT message.</li><li>• Added the Cumulative/ResultItems/ResultItem/Result Element and its Attributes description in the DT_CUMULATIVE_RESULT message.</li><li>• Changed the optional elements defined for the DT_RECORD message.</li><li>• Changed the Expected information about the AT_TOTAL_SPLITS ExtendedConfig code at the DT_CONFIG message.</li><li>• Changed the Value Description for the AT_START_IN_LANES ExtendedConfig code at the DT_CONFIG message.</li><li>• Added some clarifications about the AT_SPLITPOINT ExtendedConfig code for vertical jumps events at the DT_CONFIG message.</li><li>• Changed the Value format and Description for the AT_SPLITPOINT ExtendedConfig code at the DT_CONFIG message.</li><li>• Added the Result/@RankEqual attribute in the DT_RT_RESULT message.</li><li>• Added the RecordIndicator/@Order attribute in the DT_RT_RESULT message.</li><li>• Added the AT_SPLITPOINT UnitInfo code at the DT_RT_RESULT message.</li><li>• Added some clarifications at the Header Values section for the DT_RT_CUMULATIVE_RESULT message.</li><li>• Added the CumulativeResult/RecordIndicators/RecordIndicator optional element in the DT_RT_CUMULATIVE_RESULT message.</li><li>• Added the CumulativeResult/@RankEqual attribute in the DT_RT_CUMULATIVE_RESULT message.</li><li>• Added the CumulativeResult/RecordIndicators/RecordIndicator/@Order attribute in the DT_RT_CUMULATIVE_RESULT message.</li><li>• Added the AT_TOTAL_SPLITS UnitInfo code at the DT_RESULT AND DT_RT_RESULT messages.</li><li>• Changed the Comments for the Rank attribute at the DT_RT_RESULT message.</li><li>• Added the AT_LAST_COMPETITOR ExtendedResult code for individuals at the DT_CUMULATIVE_RESULT and DT_RT_CUMULATIVE_RESULT messages.</li></ul>



## Change Log

Version	Status	Changes on version
R2 v6.1	APP	<ul style="list-style-type: none"> <li>Added the Extension code AT_SORT_AT_SPLIT for the AT_SPLIT ExtendedResult code at the DT_RESULT and DT_RT_RESULT messages.</li> </ul>
R2 v7.0	APP	<ul style="list-style-type: none"> <li>Changes after the WNPA meeting (IR022): <ul style="list-style-type: none"> <li>Change the triggers and frequency as the revision of WNPA meeting</li> <li>Codes: add a reference for the format details</li> <li>Change the "t" descriptions from "hundredths" to "tenths".</li> </ul> </li> </ul>
R2 v7.1	APP	<ul style="list-style-type: none"> <li>Changes after the WNPA meeting (IR022): <ul style="list-style-type: none"> <li>Cumulative: Update the description section</li> </ul> </li> </ul>
R2 v7.2	APP	<ul style="list-style-type: none"> <li>Defect 40708: Participant: Add a new format for combined event in the E_SB, E_PB, E_QUAL_BEST</li> <li>Defect 40709: <ul style="list-style-type: none"> <li>Participant: Remove relays for E_SB, E_PB, E_QUAL_BEST.</li> <li>Teams: should replace the description of E_PB as the Team's personal best with the Team's National Record in both tables.</li> </ul> </li> </ul>
R2 v8.0	APP	<ul style="list-style-type: none"> <li>Defect 40236: <ul style="list-style-type: none"> <li><u>In Header Values</u>: Remove the sentence "Attribute @ResultStatus should always be either "LIVE_UPDATE" or "LIVE_FULL".", as this is already explained in the Sport Message Interface document.</li> <li><u>In Trigger and Frequencies</u>: Keep the part explaining the triggers for ResultStatus = "LIVE_UPDATE", and say that for the other ResultStatus we should follow the general definition.</li> <li><u>In Message Structure</u>: Remove part of the sentence "<del>for both LIVE_UPDATE and LIVE_FULL messages</del>"</li> <li><u>In Message Values</u>: Remove the sentences "In the case of ResultStatus="LIVE_FULL", send <u>all</u> attributes and codes according to the tables described in this section. In the case of ResultStatus="LIVE_UPDATE", send <u>just the updated</u> attributes and codes according to the tables described in this section.", as this is already explained in the Sport Message Interface document.</li> </ul> </li> <li>IR0447: Log changes in ODF documentation should be moved at the end</li> <li>Defect 43593: <ul style="list-style-type: none"> <li>Results: AT_WIND_SPEED values are positive but for competition negative values are a possibility so negative values should be accepted; update the format for AT_LEADER</li> </ul> </li> <li>Defect 43029: <ul style="list-style-type: none"> <li>Results: update the trigger and frequency for road events</li> </ul> </li> </ul>
R2 v9.0	APP	<ul style="list-style-type: none"> <li>CR4687 (Defect 42717): <ul style="list-style-type: none"> <li>Historical Records/Records: update AT_POSITION</li> </ul> </li> <li>CR4624(Defect 43960): <ul style="list-style-type: none"> <li>Results/Config: add a 600m split for 800m track event (UI_AT /AT_LAST_LAP, EC_AT /AT_SPLITPOINT/ AT_VALUE)</li> </ul> </li> <li>Defect 48101: Results: The description of UER_ATH_AT /AT_SPLIT needs to be corrected and the word field needs to be replaced by the word track.</li> <li>Defect 48125: Results: The description of AT_RESULT needs to be corrected and the word field needs to be replaced by the word track.</li> <li>Defect 48122: (UI_AT /AT_WIND_SPEED) AT_WIND_SPEED Expected column states that this applies for individual track events below 400m and Combined track events below 400m.</li> <li>Defect 48127: Results: update UI_AT / AT_CURRENT_SPLIT the coments for F with 'Send F as soon as the first athlete crosses the finish'</li> <li>Defect 48132: Results: the UER_ATH_AT /AT_REACT_TIME will be available only for tracks events with blocks</li> <li>Defect 50123: Phase/Cumulative: the Unofficial ResultStatus will never be sent.</li> </ul>



## Change Log

Version	Status	Changes on version
R2 v9.1	APP	<ul style="list-style-type: none"><li>Defect 44137: RT Results: Add the possibility to use the UER_ATH_AT /AT_LAST_COMPETITOR, also for road events</li></ul>
R2 v10.0	APP	<ul style="list-style-type: none"><li>IR101: Add DT_SERIAL message in the PiT messages</li><li>Defect 56060: RT_CUMULATIVE_RESULT: Remove the trigger "T12" and use T14</li></ul>
R2 v10.1	APP	<ul style="list-style-type: none"><li>Defect 64429: Participants: Add an optional attribute @InternationalFederationId</li></ul>
R2 v11.0	APP	<ul style="list-style-type: none"><li>Defect 66918: DT_CUMULATIVE_RESULT documentation needs to be changed to state that this message is also send unofficially for Athletics.</li><li>CR7516:<ul style="list-style-type: none"><li>The Subcode attribute will be added to indicate the NOC (in case of National Record), the Rank (in case of BOP) in the DT_RECORD, DT_HISTORIC_RECORDS and DT_HIST_REC_UPDATE messages</li><li>Clarify the meaning of RecordIndicator@Order, use CC @RecordCode for attribute RecordIndicator@Code, add an attribute called RecordIndicator@RecordType for CC @RecordType in the DT_RESULT, DT_CUMULATIVE_RESULT, DT_PHASE_RESULT, DT_RT_RESULT and DT_RT_CUMULATIVE_RESULT messages.</li></ul></li><li>Defect 65824: Update the description of the SortOrder to "According to the sport rules".</li><li>Defect 59677/ 68078: Update the trigger for UER_ATH_AT /AT_ORDER_CURRENT</li></ul>
R2 v12.0	APP	<ul style="list-style-type: none"><li>Defect 70796: Result: UER_ATH_AT /AT_SPLIT information needs to be updated</li><li>CR9543:<ul style="list-style-type: none"><li>Results: Add the possibility of retired (r) status of an athlete for fields events. So add "r" for UER_ATH_AT /AT_SPLIT/ AT_RESULT and CC @InformationType.</li></ul></li><li>Results/Phase/Cumulative: Flagged attribute Order as deprecated in the element RecordIndicator</li></ul>
R2 v12.1	APP	<ul style="list-style-type: none"><li>Defect 54791: UER_ATH_AT/AT_SPLIT/AT_WARNING is not available in the OVR to inform the warning of each split and should be removed from the Results messages</li><li>Defect 76443: update the DT_CONFIG message to include the qualification rule from the preliminary rounds to round 1 (EC_AT /AT_RANK_QUALRND_1 and EC_AT /AT_BT_QUALRND_1)</li><li>Defect 77478: The entries E_SB, E_PB and E_QUAL_BEST for participants and teams have different time's values and format depends on the events.</li></ul>



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