

Olympic Data Feed

ODF Athletics Data Dictionary for the XX Commonwealth Games

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Technology and Information Department
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1 Introduction

1.1 This document

This document is a Derivative Work (as defined in the License hereto) prepared by Glasgow 2014 Limited for the purpose of the XX Commonwealth Games.

1.2 Objective

The objective of this document is to provide a formal definition of the ODF Athletics Data Dictionary for the XX Commonwealth Games, 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, Glasgow 2014, ODF users such as the World News Press Agencies, Rights Holding Broadcasters and International Sports Federations.

1.4 Glossary

The following abbreviations are used in this document

Acronym	Description
IF or International Federation	The international governing body of an Olympic Sport as recognized by the IOC
IOC	International Olympic Committee
IPC	International Paralympic Committee
CGA	Commonwealth Games Associations
ODF	Olympic Data Feed
ODF-PiT	Olympic Data Feed Point in Time, messages that are generated at certain point during competition
ODF-RT	Olympic Data Feed Real Time, messages that are generated when available
RSC	Results System Codes, determine uniquely one unit of the competition, specifying the discipline, gender, event, phase and unit.
Sport	is administered by an international federation and can be composed of one or more disciplines
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/INT142	ODF General Messages Interface Document	This document describes the ODF general messages for the XX Commonwealth Games

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

In the following sections, for each ODF General 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 General Messages Interface Document to know the format of these codes.

Code Entity	Code Entity Set of Values	
CC @InformationType	Code	Description
	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).	Code	Description
	DNS	Did not start
	DNF	Did not finish
	DQ	Disqualified
	NM	No mark
CC @PhaseNo	Code	Description
	1	Phase A
	2	Phase B
	3	Phase C
	...	
CC @QualificationMark	Code	Description
	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"> The entity's attribute to be used is Code 	
CC @RecordType	Defined in ODF Common Codes Document See entity Record Type <ul style="list-style-type: none"> The entity's attribute to be used is Code It will be related to Discipline 	
CC @ResultType	Code	Description
	DISTANCE	Performance in meters with 2 decimals
	IRM	Invalid Result Mark
	POINTS	Points

Code Entity	Code Entity Set of Values	
	TIME	Performance as a Time value
CC @ResultUnit	Code	Description
	1	Distance
	2	Points
	3	Time
CC @SplitPointUnit	Code	Description
	1	Distance in meters
	2	Distance in text (e.g. Half)
	3	Height in meters with two decimals
CC @UnitCategory	Code	Description
	A	Races (track and road) and relays
	B	Throws
	C	Horizontal jumps
	D	Vertical jumps
CC @WeatherPoints	Code	Description
	FINISH	Finish of the event unit
	GEN	General
	START	Start of the event unit

The following table describes the codes entities specific for Para-Sport events 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.

Code Entity	Code Entity Set of Values
CC @SportClass	Defined in ODF Common Codes Document
	See entity Sports Class. The code to be used is found in the Class column.

4 Point in Time

4.1 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 General 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 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.
- The columns Para-Sport events indicate if there is any difference between the Sport definition and the Para-Sport definition.

Message Type	Message name	Message used in this sport	Message extended in this document	Para-Sport events	
				Message used in this sport	Message extended in this document
DT_SCHEDULE	Competition schedule	X		X	
DT_SCHEDULE_UPDATE	Competition schedule update	X		X	
DT_PARTIC	List of participants by discipline	X	X	X	X
DT_PARTIC_UPDATE	List of participants by discipline update	X	X	X	X
DT_PARTIC_TEAMS	List of teams	X	X		
DT_PARTIC_TEAMS_UPDATE	List of teams update	X	X		
DT_MEDALS	Medal standings	Global		Global	
DT_MEDALLISTS_DAY	Medallists of the day	Global		Global	
DT_HISTORIC_RECORD	Historical records	X	X	X	X
DT_GLOBAL_GM	Global good morning	Global		Global	
DT_GLOBAL_GN	Global good night	Global		Global	
DT_START_LIST	Start List	X	X	X	X
DT_RESULT	Event Unit Results	X	X	X	X
DT_PHASE_RESULT	Phase Results	X	X	X	X
DT_CUMULATIVE_RESULT	Cumulative Results	X	X	X	X

Message Type	Message name	Message used in this sport	Message extended in this document	Para-Sport events	
				Message used in this sport	Message extended in this document
DT_POOL_STANDING	Pool Standings				
DT_RANKING	Event Final ranking	X		X	
DT_STATS	Statistics table				
DT_MEDALLISTS	Medallists of one event	X		X	
DT_MEDALLISTS_DISCIPLINE	Medallists by discipline	X		X	
DT_RECORD	Records	X	X	X	X
DT_COMMUNICATION	Official Communication	X		X	
DT_BRACKETS	Brackets				
DT_GM	Discipline/venue good morning	X		X	
DT_GN	Discipline/venue good night	X		X	
DT_FED_RANKING	Federation Ranking				
DT_CONFIG	Discipline Configuration	X	X	X	X
DT_WEATHER	Event Unit Weather conditions	X	X	X	X
DT_SERIAL	List of Current PIT Serial	X		X	

4.1.1 List of participants by discipline / List of participants by discipline update

4.1.1.1 Description

This message is the List of participants by discipline (and the update) message as described in the ODF General Messages Interface Document.

4.1.1.2 Header Values

The definition in the ODF General Messages Interface Document is valid.

4.1.1.3 Trigger and Frequency

The definition in the ODF General Messages Interface Document is valid and in the case when the venue results becomes owner of the data.

4.1.1.4 Message Structure

The optional elements defined for this message in the ODF General 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.

4.1.1.5 Message Values

The following table lists the “List of athletes by discipline / update” optional attributes (defined in the ODF General 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.
Discipline	InternationalFederationId	O	S(16)	IAAF Athlete Code (competitor's federation number for the discipline). It will be included.
RegisteredEvent	Bib	O	S(4)	Bib number, to be sent mandatory in all the event units

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.tt 99:99:90.00 (time in hundredths)	For @Type: Send proposed type
			or HH:MM:SS.t 99:99:90.0 (time in tenths)	For @Code: Send proposed code
			or HH:MM:SS 99:99:99 (time in seconds)	For @Pos : Send both codes to indicate either time or distance
			or blank (time)	For @Value: Athlete's season best
			or N(2).N(2) 90.00 (meters)	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
			or or N(4) 9990 (points)	
	E_PB	CC @ResultUnit	HH:MM:SS.tt 99:99:90.00 (time in hundredths)	For @Type: Send proposed type
			or HH:MM:SS.t 99:99:90.0 (time in tenths)	For @Code: Send proposed code
			or HH:MM:SS 99:99:99 (time in seconds)	For @Pos : Send both codes to indicate either time or distance
			or blank (time)	For @Value: Athlete's personal best
			or N(2).N(2) 90.00 (meters)	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
			or	

Element: Participant /Discipline /RegisteredEvent /EventEntry				
Type	Code	Pos	Value	Description
			N(4) 9990 (points)	
	E_QUAL_BEST	CC @ResultUnit	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 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.

Type /Code	Description	Expected
E_ENTRY /E_SUBSTITUTE	Flag that indicates that an athlete is a substitute /reserve	If applies

The following table lists only extra optional attributes that are used in case of Para-Sport events, as well as the attributes that have an extended definition

Element	Attribute	M/O	Value	Comments
RegisteredEvent	Class	O	CC @SportClass	Code to identify the Sport class for the athlete. This attribute is optional because is not used in case of guide.
	Guide	O	S(20) with no leading zeroes	ID to identify the official acting of guide in the case of events with handicapped athletes. This attribute is optional because is not used in case of guide.

4.1.1.6 Message sort

Please, follow the general definition.

4.1.2 List of teams / List of teams update

4.1.2.1 Description

This message is the List of teams (and the update) message as described in the ODF General Messages Interface Document.

4.1.2.2 Header Values

The definition in the ODF General Messages Interface Document is valid.

4.1.2.3 Trigger and Frequency

The definition in the ODF General Messages Interface Document is valid and in the case when the venue results becomes owner of the data.

4.1.2.4 Message Structure

The optional elements defined for this message in the ODF General 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.

4.1.2.5 Message Values

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

Element: Team /Discipline /RegisteredEvent /EventEntry			
Type	Code	Value	Description
E_ENTRY	E_SB	HH:MM:SS.tt 99:99:90.00 (time in hundredths)	For @Type: Send proposed type
		or	For @Code: Send proposed code
		HH:MM:SS.t 99:99:90.0 (time in tenths)	For @Value: Team's season best
		or HH:MM:SS 99:99:99 (time in seconds) or blank (time)	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_PB	HH:MM:SS.tt 99:99:90.00 (time in hundredths)	For @Type: Send proposed type
		or	For @Code: Send proposed code
		HH:MM:SS.t 99:99:90.0 (time in tenths)	For @Value: Team's national records
		or	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

Element: Team /Discipline /RegisteredEvent /EventEntry			
Type	Code	Value	Description
		HH:MM:SS 99:99:99 (time in seconds) or blank (time)	
	E_QUAL_BEST	HH:MM:SS.tt 99:99:90.00 (time in hundredths) or	For @Type: Send proposed type
			For @Code: Send proposed code
		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 @Value: Team's qualifying best 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.

4.1.2.6 Message sort

Please, follow the general definition.

4.1.3 Historical records

4.1.3.1 Description

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

4.1.3.2 Header Values

The definition in the ODF General Messages Interface Document is valid.

4.1.3.3 Trigger and Frequency

Please, follow the general definition.

4.1.3.4 Message Structure

The optional elements defined for this message in the ODF General 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.

4.1.3.5 Message Values

The following table lists the Historical records optional attributes (defined in the ODF General 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	CGA if Code="NR" Rank if Code="BGP"	It will be mandatory in case of Code="NR" or "BGP"
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.

Element: HistoricalRecord /Record /RecordType /Competitor /ExtRecords /ExtRecord or HistoricalRecord /Record /RecordType /Competitor /Composition /Athlete /ExtRecords /ExtRecord				
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

4.1.3.6

Message sort

Please, follow the general definition.

4.1.4 Start List

4.1.4.1 Description

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

4.1.4.2 Header Values

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

4.1.4.3 Trigger and Frequency

Please, follow the general definition.

4.1.4.4 Message Structure

The optional elements defined for this message in the ODF General 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.

4.1.4.5 Message Values

The following table lists the Start List optional attributes (defined in the ODF General 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

Element: Start /Competition /UnitInfos /UnitInfo					
Type	Code	Extension Code	Pos	Value	Description
					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

Element: Start /Competitor /EventUnitEntry				
Type	Code	Pos	Value	Description
	AT_QUAL_BEST		HH:MM:SS.t 99:99:90.00	For @Pos : Do not send anything
				For @Value: Qualification mark from previous round
				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	For @Pos : Send both codes to indicate either time or distance

Element: Start /Competitor /Composition /Athlete /EventUnitEntry				
Type	Code	Pos	Value	Description
			(meters)	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

Type /Code	Description	Expected
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

4.1.4.6**Message sort**

Please, follow the general definition.

4.1.5 Event Unit Results

4.1.5.1 Description

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

In case of Para-Sport events with several sport classes the results are decided by points and not by distance.

4.1.5.2 Header Values

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

Trigger and

4.1.5.3 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 series
 - 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

4.1.5.4 Message Structure

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

- UnitInfos and its 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).

4.1.5.5 Message Values

The following table lists the Event Unit Results optional and/or extended attributes (defined in the ODF General 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.
Result /RecordIndicators /RecordIndicator	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)
	Order	M	Numeric	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. "GR").

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_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

Element: UnitInfo					
Type	Code	Extension Code	Pos	Value	Description
					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.

Type /Code	Extension Code	Description	Expected
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 st Jumping height, 2 for the 2 nd 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

Element: Competitor /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					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
					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

Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
		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
					For @Code: Send proposed extension code
		AT_RANK_EQUAL_SPLIT		S(1)	For @Pos: Do not send anything
					For @Value: Cumulative rank
		AT_RANK_EQUAL_SPLIT		S(1)	For @Type: Send proposed code
					For @Value: Cumulative rank

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: Send Y in case of the AT_RANK_AT_SPLIT is an equalled rank
		AT_SORT_AT_SPLIT		N(2) 90	For @Type: Send proposed code
					For @Code: Send proposed extension code
					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.
		AT_WIND_SPEED		+N(1).N(1) +9.0 Or -N(1).N(1) -9.0	For @Type: Send proposed code
					For @Code: Send proposed extension 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

Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					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

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: 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 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

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: Run-up speed in km/h
	AT_LAST_COMPETITOR_SPLIT			S(1)	For @Type: Send proposed code
					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
					For @Value: Split which the athlete received the IRM value
	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

Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
	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 thousandth of second
	AT_FALSE_START			S(n)	For @Type: Send proposed type

Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					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

Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					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: 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

Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
	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

Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					For @Value: 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.

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..9 for Marathon 1..n for Vertical jumps 1..n for Horizontal jumps and Throws.	Just for 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 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 Marathon

Type /Code	Extension Code	Description	Expected
	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 Marathon
	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_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_DIFF		Time or points difference to the leader	Just for: - Marathon (time). - 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

Type /Code	Extension Code	Description	Expected
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

The following table lists only extra elements that are used in case of Para-Sport events

Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
UER_ATH_AT	AT_SPLIT	AT_RESULT_POINTS		N(4) 9990	For @Type: Send proposed code
					For @Code: Send proposed extension code
					For @Pos: Do not send anything
					For @Value: Points result, for events with more than one sport class
	AT_RESULT_POINTS			N(4) 9990	For @Type: Send proposed code
					For @Code: Send proposed extension code
					For @Pos: Do not send anything
					For @Value: Points result, for events with more than one sport class

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

Type /Code	Extension Code	Description	Expected
UER_ATH_AT /AT_SPLIT	AT_RESULT_POINTS	Points result, for events with more than one sport class	If applies
UER_ATH_AT /AT_RESULT_POINTS		Points result, for events with more than one sport class	

4.1.5.6 Message sort

Please, follow the general definition.

4.1.6 Phase Results

4.1.6.1 Description

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

4.1.6.2 Header Values

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

4.1.6.3 Trigger and Frequency

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

4.1.6.4 Message Structure

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

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

4.1.6.5 Message Values

The following table lists the Phase Results optional and/or extended attributes (defined in the ODF General 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	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").
	RecordType	M	CC @RecordType	Code which specifies the level at which the record is broken (e.g. "GR").

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.

4.1.6.6

Message sort

Please, follow the general definition.

4.1.7 Cumulative Results

4.1.7.1 Description

This message is the Cumulative Results message as described in the ODF General 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.

In case of Para-Sport events with several sport classes the results are decided by points and not by distance.

4.1.7.2 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:

- DDGEEEEPUU: 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

4.1.7.3 Trigger and Frequency

Please, follow the general definition.

4.1.7.4 Message Structure

The optional elements defined for this message in the ODF General 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

4.1.7.5 Message Values

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

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: 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: DDGEEPUU.
	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	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. "GR").
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
(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: 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: DDGEEPUU.
	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)	Order	M	Numeric	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. "GR"). <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

Element: Competition /ExtendedInfos /ExtendedInfo					
Type	Code	Extension Code	Pos	Value	Description
					For @Value: ID of the last competitor qualified

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

Type /Code	Extension Code	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

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

The following table lists only extra elements that are used in case of Para-Sport events

Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
CER_ATH_AT	AT_RESULT_POINTS			N(4) 9990	For @Type: Send proposed code
					For @Code: Send proposed extension code
					For @Pos: Do not send anything
					For @Value: Points result, for events with more than one sport class

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

Type /Code	Extension Code	Description	Expected
CER_ATH_AT /AT_RESULT_POINTS		Points result, for events with more than one sport class	If applies

4.1.7.6 Message sort

Please, follow the general definition.

4.1.8 Records

4.1.8.1 Description

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

4.1.8.2 Header Values

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

4.1.8.3 Trigger and Frequency

Please, follow the general definition.

4.1.8.4 Message Structure

The optional elements defined for this message in the ODF General 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.

4.1.8.5 Message Values

The following table lists the Records optional attributes (defined in the ODF General 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	CGA if Code="NR" Rank if Code="BGP"	It will be mandatory in case of Code="NR" or "BGP"
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.

Element: Competition /Record /RecordType /RecordEntries /RecordEntry /Competitor /ExtRecords /ExtRecord or Competitor /Record /RecordType /RecordEntries /RecordEntry /Competitor /Composition /Athlete /ExtRecords /ExtRecord				
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

Element: Competition /Record /RecordType /RecordEntries /RecordEntry /Competitor /ExtRecords /ExtRecord or Competitor /Record /RecordType /RecordEntries /RecordEntry /Competitor /Composition /Athlete /ExtRecords /ExtRecord				
Type	Code	Pos	Value	Description
			(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.

4.1.8.6 Message sort

Please, follow the general definition.

4.1.9 Discipline configuration

4.1.9.1 Description

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

In case of Para-Sport events, if the Event name shows more than one sport class then points are calculated for the distance jumped.

4.1.9.2 Header Values

Please, follow the general definition.

4.1.9.3 Trigger and Frequency

Please, follow the general definition.

4.1.9.4 Message Structure

Please, follow the general definition.

4.1.9.5 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 General 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	Extended 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

Element: Competition /Configs /Config /ExtendedConfig					
Type	Code	Extended ConfigItem Code	Pos	Value	Description
					For @Code: Send proposed code
					For @Pos An split point number
					For @Value: A split point number. Equals to @Pos
		AT_VALUE	CC @SplitPointUnit	N(5) 99990	For @Type: Send proposed type
				or	For @Code: Send proposed code
				N(2).N(2) 90.00	For @Pos: Send the corresponding split point unit code
				or	For @Value: Send distance in meters, height with two decimals or distance as a text
				S(n)	
	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, semifinal 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, semifinal and		N(1) 0	N(4) 9990	For @Type: Send proposed type
				Or	For @Code: Send one of the specified codes
				N(2).N(2) 90.00 (qualifying performance)	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

Element: Competition /Configs /Config /ExtendedConfig					
Type	Code	Extended ConfigItem Code	Pos	Value	Description
	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)				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	Extended ConfigItem 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 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 1000,2000,3000,4000,5000,6000,70 00,8000 and 9000 for 10000m 5000,10000,15000,20000,Half,2500	

Type /Code	Extended ConfigItem Code	Description	Expected
		0,30000,35000 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 (send by phase)		AT_RANK_QUALRND_2, AT_RANK_QUALSFN and AT_RANK_QUALFNL: indicate respectively qualification for round 2, semifinal and final based on rank. (Use @Pos 1 and 2) AT_BT_QUALRND_2, AT_BT_QUALSFN and AT_BT_QUALFNL: indicate respectively qualification for round 2, semifinal 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)	If applies

The following table lists only extra elements that are used in case of Para-Sport events

Element: Competition /Configs /Config /ExtendedConfig					
Type	Code	Extended ConfigItem Code	Pos	Value	Description
EC_AT	AT_RESULT_POINTS (send by event)			S(1)	For @Type: Send proposed code For @Code: Send proposed code For @Pos: Do not send anything For @Value: Send Y in case that event has several sport classes, N if it is hasn't.

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

Type /Code	ExtendedConfigItem Code	Description	Expected
EC_AT /AT_RESULT_POINTS		Send Y in case that event has several sport classes, N if it is hasn't.	If applies

4.1.9.6

Message sort

Please, follow the general definition.

4.1.1 Event Unit Weather Conditions

4.1.1.1 Description

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

4.1.1.2 Header Values

Please, follow the general definition.

4.1.1.3 Trigger and Frequency

Please, follow the general definition.

4.1.1.4 Message Structure

Please, follow the general definition.

4.1.1.5 Message Values

The following table lists the optional attributes (defined in the ODF General 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

4.1.1.6 Message sort

Please, follow the general definition.

5 Real time

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

5.1 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 used in this sport	Message extended in this document	Para-Sport events	
				Message used in this sport	Message extended in this document
DT_RT_RESULT	RT Event Unit Results	X	X	X	X
DT_RT_CUMULATIVE_RESULT	RT Cumulative Results	X	X	X	X
DT_RT_CLOCK	RT Clock				
DT_RT_GM	RT Discipline/Venue good morning	X		X	
DT_RT_GN	RT Discipline/venue good night	X		X	
DT_RT_KA	RT Discipline/venue keep alive	X		X	

5.1.1 RT Event Unit Results

5.1.1.1 Description

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

In case of Para-Sport events with several sport classes the results are decided by points and not by distance.

5.1.1.2 Header Values

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

5.1.1.3 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.

5.1.1.4 Message Structure

The optional elements defined for this message in the ODF General 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.

5.1.1.5 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	T12 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
Result /RecordIndicators /RecordIndicator	Order	M	Numeric	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. "GR").

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_CURRENT_SPLIT			N(2) 90	For @Type: Send proposed type
				or	For @Code: Send proposed code
				F	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

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

Element: UnitInfo					
Type	Code	Extension Code	Pos	Value	Description
	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 Just applies to track event units 100m, 200m, 100m Hurdles, 110m Hurdles (and also track at Combined Event units)	T14
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.	T7

Type /Code	Extension Code	Description	LIVE_UPDATE RT trigger expected
		Just applies to individual track events.	
	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 st Jumping height, 2 for the 2 nd Jumping height and so on) @Value in meters with two decimals. Just for vertical jumps (High Jump and Pole Vault)	If available
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	Extension Code	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. Just applies to Relays events units	T12

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
					For @ Pos: Do not send anything
					For @Value: Record code obtained after the attempt
		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 the @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

Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					"r" (if retired)
		AT_RANK_AT_SPLIT		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
					For @Value: Send Y in case of the rank at this split point is an equalled rank at the split
		AT_SORT_AT_SPLIT		N(2) 90	For @Type: Send proposed code
					For @Code: Send proposed extension code
					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.
		AT_WIND_SPEED		+N(1).N(1) +9.0 Or -N(1).N(1) -9.0	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: 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

Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					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: 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:

Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					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_LAST_COMPETITOR_SPLIT		S(1)	For @Type: Send proposed code
					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
					For @Value: Split which the athlete received the IRM value
	AT_ORDER_INITIAL			N(2) 90	For @Type: Send proposed code
					For @Code: Send proposed

Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					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: 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:

Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					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

Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					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
	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

Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					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
	AT_CURRENT_COMPETITOR			S(1)	For @Value: Send Y for the last finished competitor or for the last competitor whose time or distance was measured
					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	Extension Code	Description	LIVE_UPDATE RT trigger expected
UER_ATH_AT /AT_SPLIT		<p>Number of split point from 1 to n according to the AT_SPLITPOINT UnitConfig element for track events, road events and vertical jumps</p> <p>or</p> <p>Attempt number for horizontal jumps and throws.</p> <p>Just applies to road events and</p>	T4 or T6

Type /Code	Extension Code	Description	LIVE_UPDATE RT trigger expected
		to field events (horizontal jumps, vertical jumps and throws)	
	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 Marathon	T6
	AT_WIND_SPEED	Wind during the attempt Just for horizontal jumps: Long Jump and Triple Jump	T4
	AT_DIFF	Time behind leader at this split point Just for Marathon	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

Type /Code	Extension Code	Description	LIVE_UPDATE RT trigger expected
	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_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, vertical jumps, throws and road event units.	T4 or T6
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_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

Type /Code	Extension Code	Description	LIVE_UPDATE RT trigger expected
UER_ATH_AT /AT_DIFF		Time or points difference to the leader. Just for Marathon (time)	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 vertical jumps and throws event units of Combined Events.	T11 or T12
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	T4 or T7 or T12 or T6

Type /Code	Extension Code	Description	LIVE_UPDATE RT trigger expected
		units	
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

The following table lists only extra elements for that are used in case of Para-Sport events

Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
UER_ATH_AT	AT_SPLIT	AT_RESULT_POINTS		N(4) 9990	For @Type: Send proposed code
					For @Code: Send proposed extension code
					For @Pos: Do not send anything
					For @Value: Points result, for events with more than one sport class
	AT_RESULT_POINTS			N(4) 9990	For @Type: Send proposed code
					For @Code: Send proposed extension code
					For @Pos: Do not send anything
					For @Value: Points result, for events with more than one sport class

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

Type /Code	Extension Code	Description	LIVE_UPDATE RT trigger expected
UER_ATH_AT /AT_SPLIT	AT_RESULT_POINTS	Points result, for events with more than one sport class	T4 or T6
UER_ATH_AT /AT_RESULT_POINTS		Points result, for events with more than one sport class	T4 or T6

5.1.1.6 Message sort

Please, follow the general definition.

5.1.2 RT Cumulative Results

5.1.2.1 Description

This message is the RT Cumulative Results message as described in the ODF General 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.

In case of Para-Sport events with several sport classes the results are decided by points and not by distance.

5.1.2.2 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 DDGEEEEP00 will be used just for the next events:

- Combined events

5.1.2.3 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.

5.1.2.4 Message Structure

The optional elements defined for this message in the ODF General 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.

5.1.2.5 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: DDGEEEEPUU.</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	<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>

The following table describes in more detail the RecordIndicator element.

Element	Attribute	M/O	Value	Comments
CumulativeResult /RecordIndicators /RecordIndicator	Order	M	Numeric	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. "GR").

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)	<p>This attribute identifies if a rank has been equalled or not.</p> <p>Send Y in case of the Rank has been equalled.</p> <p>Send N only if Rank was equalled in previous RT message and is not equalled anymore.</p>
	ResultType	O	CC @ResultType	<p>Type of the @Result attribute for the event unit or phase identified by /ResultItems /ResultItem</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: DDGEEEP00.</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: DDGEEEP00.</p> <p>It could be POINTS just for Combined events having at the header the DocumentSubtype of this type: DDGEEEP00.</p>

Element	Attribute	M/O	Value	Comments
	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	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. "GR"). <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	Extension Code	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)

The following table lists only extra elements for that are used in case of Para-Sport events

Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
CER_ATH_AT	AT_RESULT_POINTS			N(4) 9990	For @Type: Send proposed code
					For @Code: Send proposed extension code
					For @Pos: Do not send anything
					For @Value: Points result, for events with more than one sport class

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_RESULT_POINTS		Points result, for events with more than one sport class	T14

5.1.2.6

Message sort

Please, follow the general definition.

6 PDF feed

Please refer to the same section of the ODF General Messages Interface Document.

DOCUMENT CONTROL

Version history

Version	Date	Comments
R1 v1.0	15 March 2013	First version SFR
R1 v1.1	12 April 2013	SFA version
R1 v1.2	19 April 2013	APP version
R1 v1.3	01 August 2013	Some changes
R1 v1.4	16 January 2014	CR000185

File reference: ODF/INT120 R1 v1.4 APP (AT)

Change Log

Version	Status	Changes on version
R1 v1.0	SFR	<ul style="list-style-type: none"> First version
R1 v1.1	SFA	<ul style="list-style-type: none"> SFA version
R1 v1.2	APP	<ul style="list-style-type: none"> Approved version
R1 v1.3	APP	<ul style="list-style-type: none"> Removed the AT_LAST_COMPETITOR ExtendedResult code from the DT_CUMULATIVE_RESULT message Updated the Result/@Result LIVE_UPDATE RT trigger expected at the DT_RT_RESULT messages in case of Road events Removed the AT_STEP Extension code from the AT_SPLIT ExtendedResult code at the DT_RT_RESULT and DT_RESULT messages Updated the Messages extended in this document at the Point in Time Applicable Messages section
R1 v1.4	APP	<ul style="list-style-type: none"> Updated the @Pos attribute definition at the AT_RESULT Extension code from the AT_SPLIT ExtendedResult code at the DT_RT_RESULT message

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