

OLYMPIC DATA FEED

ODF Athletics Data Dictionary

Tokyo 2020 - Games of the XXXII Olympiad

Technology and Information Department

© International Olympic Committee

ODF R-SOG-2020-ATH V1.7 APP

20 February 2018

License

The document accompanying this license and the information contained therein (the Document), whether in a paper or electronic format, is made available to you subject to the terms stated below. By using and/or copying all or part of the Document, you (the licensee) agree that you will comply with the following terms and conditions.

1. You may, on a non-exclusive basis, use the Document only on the condition that you abide by the terms of this license. Subject to this condition and other terms and restrictions contained herein, the Document and the information contained therein may be used (i) to further develop the standards described in the Document for use in relation with the Olympic and Paralympic Games and/or (ii) to develop similar standards for other events than the Olympic and Paralympic Games (both (i) and (ii) are hereinafter designated as the Permitted Use, and works further developing these standards for the Olympic and Paralympic Games or developing similar standards for other events are hereinafter referred to as Derivative Works), and copies of the Document or of Derivative Works may be made and distributed for the purpose of the Permitted Use, PROVIDED THAT the COPYRIGHT and references to the IOC appearing in the Document and the TERMS OF THIS LICENSE are included on ALL such COPIES, and further PROVIDED THAT you do not charge any fee or any other monetary compensation for the distribution of the Document to others. The copyright and other intellectual property rights in the Document remain vested in the IOC and the IOC remains entitled to assert his copyright or other intellectual property rights in the Document against any person or entity who does not comply with the terms of this License.
2. A copy of any Derivative Work shall be provided to the IOC free of charge. Moreover, the IOC is granted a worldwide, perpetual, unrestricted, royalty-free non-exclusive license to use any Derivative Work for the further development of the standards made by or for the IOC in relation to the Olympic and Paralympic Games (these standards and the documents describing them are hereinafter referred to as Further Standards) and to make or have made all kinds of exploitation of the Further Standards, with the right to grant sub-licenses.
3. Except if reproduced in the Document, the use of the name and trademarks of the IOC is strictly prohibited, including, without limitation, for advertising, publicity, or in relation to products or services and their names. Any use of the name or trademarks of the IOC, whether registered or not, shall require the specific written prior permission of the IOC.
4. NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE REGARDING THE ACCURACY, ADEQUACY, COMPLETENESS, RELIABILITY OR USEFULNESS OF ANY INFORMATION CONTAINED IN THE DOCUMENT. The Document and the information contained herein are provided on an "as is" basis. THE IOC DISCLAIMS ALL WARRANTIES OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTY OF NON-INFRINGEMENT OF PROPRIETARY RIGHTS, MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL THE IOC BE LIABLE TO ANYONE FOR DAMAGES OF ANY KIND ARISING FROM OR RELATING TO YOUR ACQUISITION, USE, DUPLICATION, DISTRIBUTION, OR EXPLOITATION OF THE DOCUMENT OR ANY PORTION THEREOF, INCLUDING BUT NOT LIMITED TO, COMPENSATORY DAMAGES, LOST PROFITS, LOST DATA OR ANY FORM OF SPECIAL, INCIDENTAL, DIRECT, INDIRECT, CONSEQUENTIAL OR PUNITIVE DAMAGES, WHETHER BASED ON BREACH OF CONTRACT OR WARRANTY, TORT OR OTHERWISE. THE IOC FURTHER DISCLAIMS ANY LIABILITY FOR ANY DAMAGE CAUSED WHEN THE DOCUMENT IS USED IN A DERIVATIVE WORK. The IOC further disclaims any liability regarding the existence or inexistence of any intellectual property or other rights that might be claimed by third parties with respect to the implementation or use of the technology or information described in the Document.

The same conditions as those described in this Section shall apply mutatis mutandis to the license granted to the IOC on the Derivative Works in Section 2 above.

5. This License is perpetual subject to your conformance to its terms and conditions. The IOC may terminate this License immediately upon your breach of any of its terms and, upon such termination you will cease all use, duplication, distribution, and/or exploitation in any manner of the Document.
6. This License is governed by the laws of Switzerland. You agree that any disputes arising from or relating to this License will be resolved in the courts of Lausanne, Switzerland.

IF YOU DO NOT AGREE TO THESE TERMS YOU MUST CEASE ALL USE OF THE DOCUMENT NOW.

1 Introduction

1.1 This document

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

1.2 Objective

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

1.3 Main Audience

The main audience of this document is the IOC as the ODF promoter, ODF users such as the World News Press Agencies, Rights Holding Broadcasters and International Sports Federations.

1.4 2018 Youth Olympic Games

This document is to be applied for the 2018 Youth Olympic Games. All included concepts are applied with the following exceptions:

- DT_RESULT_ANALYSIS is not included
- DT_PARTIC
 - QUAL_BEST is not applicable
- DT_PARTIC_TEAMS is not included
- DT_CUMULATIVE_RESULT: Combined events do not apply. This message is only used for adding the final results in each medal event.

1.5 Glossary

The following abbreviations are used in this document.

| Acronym | Description |
|---------|---------------------------------|
| IF | International Federation |
| IOC | International Olympic Committee |
| NOC | National Olympic Committee |
| ODF | Olympic Data Feed |
| RSC | Results System Codes |
| WNPA | World News Press Agencies |

1.6 Related Documents

| Document Title | Document Description |
|---|--|
| ODF General Principles Document | The document explains the environment and general principles for ODF. |
| ODF General Messages Interface Document | The document describes the ODF General Messages |
| ODF Common Codes | The document describes the ODF Common codes used across all ODF documents. |
| ODF Sport Codes | The document describes the ODF Sport codes used across all ODF |



| Document Title | Document Description |
|-------------------|--|
| | documents |
| ODF Header Values | The document details the header values which show which RSCs are used in which messages. |

2 Messages

2.1 Applicable Messages

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

- The column “Message type” indicates the DocumentType that identifies a message
- The column “Message name” is the message name identified by the message type
- The column “Message extended” indicates whether a particular message has extended definition in regards to those that are general for all sports. If one particular message is not extended, then it should follow the general definition rules.

| Message Type | Message Name | Message extended |
|--|--|------------------|
| DT_SCHEDULE / DT_SCHEDULE_UPDATE | Competition schedule / Competition schedule update | |
| DT_PARTIC / DT_PARTIC_UPDATE | List of participants by discipline / List of participants by discipline update | X |
| DT_PARTIC_TEAMS / DT_PARTIC_TEAMS_UPDATE | List of teams / update | X |
| DT_MEDALS | Medal standings | |
| DT_MEDALLISTS_DAY | Medallists of the day | |
| DT_GLOBAL_GM | Global good morning | |
| DT_GLOBAL_GN | Global good night | |
| DT_RESULT | Event Unit Start List and Results | X |
| DT_RESULT_ANALYSIS | Results Analysis | X |
| DT_PHASE_RESULT | Phase Results | X |
| DT_CUMULATIVE_RESULT | Cumulative Results | X |
| DT_IMAGE | Image | X |
| DT_PRESSPHOTOFINISH_LK | Press Photofinish | |
| DT_RECORD | Records | X |
| DT_RANKING | Event Final Ranking | X |
| DT_COMMUNICATION | Official Communication | |
| DT_CONFIG | Configuration | X |
| DT_WEATHER | Event Unit Weather conditions | X |
| DT_MEDALLISTS | Event's Medallists | |
| DT_MEDALLISTS_DISCIPLINE | Medallists by discipline | |
| DT_LOCAL_OFF | Discipline/venue stop transmission | |
| DT_LOCAL_ON | Discipline/venue start transmission | |
| DT_KA | Keep Alive | |

2.2 Messages

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

2.2.1.1 Description

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

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

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

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

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

List of participants by discipline update (DT_PARTIC_UPDATE) is an update message. It is not a complete list of participants' information by discipline message, only the participant data being modified, i.e. if some data of one participant changes, the element Participant for it with all its children and attributes must be sent.

The key of the information updated consists of the following attribute: Participant @Code. Therefore, any new or updated Participant Discipline-Event will be identified by all these attributes.

2.2.1.2 Header Values

The following table describes the message header attributes.

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

2.2.1.3 Trigger and Frequency

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

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

2.2.1.4 Message Values

| Element: Participant (1,N) | | | |
|----------------------------|-----|------------------------------|--|
| Attribute | M/O | Value | Description |
| Code | M | S(20) with no leading zeroes | <p>Participant's ID.</p> <p>It identifies an athlete or an official and the holding participant's valid information for one particular period of time.</p> <p>It is used to link other messages to the participant's information.</p> <p>Participant's information (example @Organisation) will not be the latest for the athlete/official, unless the @Code attribute is the same as the @Parent attribute. However, this information could be the one being valid in the particular moment of a start list, event unit results, etc.</p> <p>When the participant is an historical one, then this ID will start with "A" when it is an Athlete, "C" when Coach and "O" when Official.</p> |
| Parent | M | S(20) with no leading zeroes | <p>Participant's parent ID, which is used to link to the latest valid information for one participant. @Parent attribute should be linked to the latest participant's information, by retrieving that Athlete/Official whose @Code attribute is the same as @Parent.</p> <p>The participant containing @Code attribute being the same as the @Parent attribute will be the one with the latest information for the participant.</p> <p>The @Parent attribute will only be different from @Code in the case that critical personal information has changed from previous competitions. The typical examples are Organisation (for change of country) or Name (particularly for women changing their name at marriage). Further to be clear, @Parent and @Code can only be different if Current = "false".</p> |
| Status | O | CC @ParticStatus | <p>Participant's accreditation status this attribute is Mandatory in the case of @Current="true" and it is optional in the case that @Current="false".</p> <p>To delete a participant, a specific value of the Status attribute is used.</p> |
| GivenName | O | S(25) | Given name in WNPA format (mixed case) |
| FamilyName | M | S(25) | Family name in WNPA format (mixed case) |
| PassportGivenName | O | S(25) | Passport Given Name (Uppercase) |
| PassportFamilyName | O | S(25) | Passport Family Name (Uppercase) |
| PrintName | M | S(35) | Print name (family name in upper case + given name in mixed case) |

| Element: Participant (1,N) | | | |
|----------------------------|-----|---------------------|---|
| Attribute | M/O | Value | Description |
| PrintInitialName | M | S(18) | Print Initial name (for the given name it is sent just the initial, without dot) |
| TVName | M | S(35) | TV name |
| TVInitialName | M | S(18) | TV initial name |
| Gender | M | CC @PersonGender | Participant's gender |
| Organisation | M | CC @Organisation | Organisation ID |
| BirthDate | O | YYYY-MM-DD | Date of birth. This information may not be known at the very beginning, but it will be completed for all participants after successive updates |
| Height | O | S(3) | Height in centimetres. It will be included if this information is available. This information is not needed in the case of officials/referees. "-" may be used where the data is not available. |
| Weight | O | S(3) | Weight in kilograms. It will be included if this information is available. This information is not needed in the case of officials/referees. "-" may be used where the data is not available. |
| PlaceofBirth | O | S(75) | Place of Birth |
| CountryofBirth | O | CC @Country | Country ID of Birth |
| PlaceofResidence | O | S(75) | Place of Residence |
| CountryofResidence | O | CC @Country | Country ID of Residence |
| Nationality | O | CC @Country | Participant's nationality. Although this attribute is optional, in very exceptional situations it will not be known, and for this reason not ready to be sent. |
| MainFunctionId | O | CC @ResultsFunction | Main function In the Case of Current="true" this attribute is Mandatory. |
| Current | M | boolean | It defines if a participant is participating in the games (true) or is a Historical participant (false). |
| OlympicSolidarity | O | Y or N | Flag to indicating if the participant participates in the Olympic Scholarship program. |

Element: Participant (1,N)

| Attribute | M/O | Value | Description |
|-----------------------|-----|-------|---|
| ModificationIndicator | M | S(1) | 'N' or 'U' Attribute is mandatory in the DT_PARTIC_UPDATE message only N-New participant (in the case that this information comes as a late entry) U-Update participant If ModificationIndicator='N', then include new participant to the previous bulk-loaded list of participants If ModificationIndicator='U', then update the participant to the previous bulk-loaded list of participants To delete a participant, a specific value of the Status attribute is used. |

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

| Attribute | M/O | Value | Description |
|-----------|-----|----------------|--|
| Code | M | CC @Discipline | It is the discipline code used to fill the OdfBody @DocumentCode attribute. |
| IFId | O | S(16) | IF ID (competitor's federation number for the discipline). Note: Depending on the individual this can be IPC ID or IAAF ID. |

Element: Participant /Discipline /RegisteredEvent (0,N)
All accredited athletes will be assigned to one or more events. There is an exception: substitutes may be accredited without any associated event. Historical athletes are not registered to any event.

| Attribute | M/O | Value | Description |
|------------|-----|----------------|--|
| Event | M | CC @Event | Full RSC of the Event |
| Bib | O | S(4) | Bib number, to be sent mandatory in all the events though is only available in the UPDATE message. Send only in the Case of Current="true". |
| Class | O | CC @SportClass | Code to identify the Class in the event. This attribute is mandatory for athletes in Para-Athletics |
| Substitute | O | S(1) | Send "Y" if substitute else do not send |

| Element: Participant /Discipline /RegisteredEvent /EventEntry (0,N) | | | | |
|---|------------------|---------------|--|--|
| Type | Code | Pos | Description | |
| ENTRY | PB | N/A | Element Expected: Always. This information can be sent in both messages. Time for track and road events, distance in metres with two decimals for field events and points for combined events. | |
| | Attribute | M/O | Value | Description |
| | Value | M | hh:mm:ss.ff or hh:mm:ss.f or hh:mm:ss or blank or Numeric #0.00 (metres) or Numeric #000 (points) | Athlete's personal best |
| ENTRY | PB_SUB | Numeric #0 | Pos Description: For Decathlon send 1..10 (event order) For Heptathlon send 1..7 (event order) Element Expected: Only for combined events. This information can be sent in both messages. Time for track, distance in metres with two decimals for field events. | |
| | Attribute | M/O | Value | Description |
| | Value | M | hh:mm:ss.ff or hh:mm:ss.f or hh:mm:ss or blank or Numeric #0.00 (metres) | Athlete's personal best in each combined event |
| ENTRY | QUAL_BEST | N/A | Element Expected: Always. This information can be sent in both messages. Time for track and road events, distance in metres with two decimals for field events and points for combined events. | |

| Element: Participant /Discipline /RegisteredEvent /EventEntry (0,N) | | | | |
|---|------------------|------------|---|--|
| Type | Code | Pos | Description | |
| | Attribute | M/O | Value | Description |
| | Value | M | hh:mm:ss.ff or hh:mm:ss.f or hh:mm:ss or blank or Numeric #0.00 (metres) or Numeric #000 (points) | Athlete's qualifying best |
| ENTRY | | SB | N/A | Element Expected: Always. This information can be sent in both messages. Time for track and road distance in metres with two decimals for field events and points for combined events. |
| | Attribute | M/O | Value | Description |
| | Value | M | hh:mm:ss.ff or hh:mm:ss.f or hh:mm:ss or blank or Numeric #0.00 (metres) or Numeric #000 (points) | Athlete's season best The time's value and format depends on the event. |
| ENTRY | | SB_SUB | Numeric | Pos Description: For Decathlon send 1..10 (event order) For Heptathlon send 1..7 (event order) Element Expected: Only for combined events. This information can be sent in both messages. Time for track, distance in metres with two decimals for field events. |
| | Attribute | M/O | Value | Description |

| Element: Participant /Discipline /RegisteredEvent /EventEntry (0,N) | | | | |
|--|------------|---|--|--|
| Type | Code | Pos | Description | |
| Value | M | hh:mm:ss.ff or hh:mm:ss.f or hh:mm:ss or blank or Numeric #0.00 (metres) | Athlete's season best in each combined event | |
| ENTRY | GUIDE | Numeric 0 | @Pos: Send 1 and 2 (2 only if there is a second guide) Element Expected: If applicable | |
| Attribute | M/O | Value | Description | |
| Value | M | S(20) with no leading zeroes | ID to identify the person acting of guide in the case of events with guides | |
| Element: Participant /OfficialFunction (0,N) | | | | |
| Send if the official has optional functions. Do not send, otherwise. | | | | |
| Attribute | M/O | Value | Description | |
| FunctionId | M | CC @ResultsFunction | Additional officials' function code | |

2.2.1.5 Message Sort

The message is sorted by Participant @Code

2.2.2 List of teams / List of teams update

2.2.2.1 Description

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

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

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

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

2.2.2.2 Header Values

The following table describes the message header attributes.

| Attribute | Value | Comment |
|-----------------|---|---|
| CompetitionCode | CC @Competition | Unique ID for competition |
| DocumentCode | Full RSC (discipline level) | RSC at the discipline level |
| DocumentType | DT_PARTIC_TEAMS / DT_PARTIC_TEAMS_UPDATE | List of participant teams message |
| Version | 1..V | Version number associated to the message's content. Ascendant number |
| FeedFlag | "P"-Production "T"-Test | Test message or production message. |
| Date | Date | Date when the message is generated, expressed in the local time zone where the message was produced. |
| Time | Time | Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced. |

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

2.2.2.3 Trigger and Frequency

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

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

2.2.2.4 Message Values

| Element: Team (1,N) | | | |
|-----------------------|-----|------------------------------|--|
| Attribute | M/O | Value | Description |
| Code | M | S(20) with no leading zeroes | Team's ID When the Team is an historical one, then this ID starts with "T". |
| Organisation | M | CC @Organisation | Team organisation's ID |
| Number | O | Numeric #0 | Team's number. If there is not more than one team for one organisation participating in one event, it is 1. Otherwise, it will be incremental, 1 for the first organisation's team, 2 for the second organisation's team, etc. Required in the case of current teams. |
| Name | O | S(73) | Team's name. |
| TVTeamName | O | S(21) | TV Team Name |
| Gender | M | CC @DisciplineGender | Discipline Gender Code of the Team Char(1) |
| Current | M | boolean | It defines if a team is participating in the games (true) or it is a Historical team (false) |
| ModificationIndicator | M | N, U, D | Attribute is mandatory in the DT_PARTIC_TEAMS_UPDATE message only N-New team (in the case that this information comes as a late entry) U-Update team D-Delete team If ModificationIndicator='N', then include new team to the previous bulk-loaded list of teams If ModificationIndicator='U', then update the team to the previous bulk-loaded list of teams If ModificationIndicator='D', then delete the team to the previous bulk-loaded list of teams |

| Element: Team /Composition /Athlete (0,N) | | | |
|---|-----|------------------------------|--|
| Attribute | M/O | Value | Description |
| Code | M | S(20) with no leading zeroes | Athlete's ID of the listed team's member. Therefore, he/she makes part of the team's composition. |
| Order | O | Numeric | Team member order |

| Element: Team /Discipline (0,1) | | | |
|---|-----|----------------|----------------------------|
| Discipline is expected unless ModificationIndicator="D" | | | |
| Attribute | M/O | Value | Description |
| Code | M | CC @Discipline | Full RSC of the discipline |

Element: Team /Discipline /RegisteredEvent (0,1)

Each current team is assigned to one event. Historical teams will not be registered to any event.

| Attribute | M/O | Value | Description |
|-----------|-----|-----------|-----------------------|
| Event | M | CC @Event | Full RSC of the event |

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

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

2.2.2.5 Message Sort

The message is sorted by Team @Code.

2.2.3 Event Unit Start List and Results

2.2.3.1 Description

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

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

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

2.2.3.2 Header Values

The following table describes the message header attributes.

| Attribute | Value | Comment |
|-----------------|----------------------------|---|
| CompetitionCode | CC @Competition | Unique ID for competition |
| DocumentCode | Full RSC | The DocumentCode will be sent according to the ODF Common Codes (header values) |
| DocumentType | DT_RESULT | Event Unit Start List and Results message |
| DocumentSubtype | Not used | Not used |
| Version | 1..V | Version number associated to the message's content. Ascendant number |
| ResultStatus | SC @ResultStatus | It indicates whether the result is official or unofficial (or intermediate etc). START_LIST: As soon as the start list is known and with any changes / IRMs before the start. LIVE (used during the competition when nothing else applies). INTERMEDIATE (used after the competition has started and is not finished but not currently live) UNOFFICIAL OFFICIAL |
| FeedFlag | "P"-Production "T"-Test | Test message or production message. |
| Date | Date | Date when the message is generated, expressed in the local time zone where the message was produced. |
| Time | Time | Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced. |

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

2.2.3.3 Trigger and Frequency

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

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

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

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

2.2.3.4 Message Values

| Element: ExtendedInfos /UnitDateTime (0,1) | | | |
|--|-----|----------|---|
| Attribute | M/O | Value | Description |
| StartDate | O | DateTime | Actual start date-time. Do not include until unit starts. |

| Element: ExtendedInfos /ExtendedInfo (0,N) | | | | |
|--|------------------------------|------------|---|---|
| Type | Code | Pos | Description | |
| DISPLAY | CURRENT | Numeric #0 | Pos Description: Send the intermediate point for this competitor Element Expected: Just for horizontal jumps, vertical jumps and throws event units. When LIVE for competitor about to attempt or currently attempting | |
| | Attribute | M/O | Value | Description |
| | Value | M | S(20) no leading zeros | Send the ID for the current competitor |
| DISPLAY | CURRENT_2 | Numeric #0 | Pos Description: Send the intermediate point for this competitor Only for throws event units. When LIVE for competitor about to attempt or currently attempting (only when there are 2 current competitors in the same unit) | |
| | Attribute | M/O | Value | Description |
| | Value | M | S(20) no leading zeros | Send the ID for the current competitor |
| DISPLAY | INTERMEDIATE_ATTEMPT_CURRENT | N/A | Element Expected: Just for vertical jumps | |
| | Attribute | M/O | Value | Description |
| | Value | M | Numeric 0 | 1..3 Number of attempt within current jumping height |
| DISPLAY | INTERMEDIATE_CURRENT | N/A | Element Expected: Just for road events | |
| | Attribute | M/O | Value | Description |
| | Value | M | Numeric #0 or F | Number of current intermediate Send F as soon as the first athlete crosses the finish |
| DISPLAY | LAST_COMP | Numeric #0 | Pos Description: Send the intermediate point for this competitor Element Expected: When LIVE for last updated competitor | |
| | Attribute | M/O | Value | Description |
| | Value | M | S(20) | Send the ID for the last finished competitor or for the last competitor whose time or distance was measured |

| Element: ExtendedInfos /ExtendedInfo (0,N) | | | | |
|--|------------------|------------|---|---|
| Type | Code | Pos | Description | |
| DISPLAY | LAST_COMP_2 | Numeric #0 | Pos Description: Send the intermediate point for this competitor Only for throws events. When LIVE for last updated competitor (only when there are 2 current competitors in the same unit) | |
| | Attribute | M/O | Value | Description |
| | Value | M | S(20) | Send the ID for the last finished competitor or for the last competitor whose time or distance was measured |
| UI | INTERMEDIATE | Numeric #0 | Pos Description: Send the intermediate point number, from 1 to n @Pos from 1 to n In vertical jumping 1 for the 1st Jumping height, 2 for the 2nd Jumping height and so on. For running/walking events over 400m send 1 to n for the total number of intermediate points (including finish) Element Expected: Just for vertical jumping events, road events and track events over 400 metres. | |
| | Attribute | M/O | Value | Description |

| Element: ExtendedInfos /ExtendedInfo (0,N) | | | |
|--|-----------------------------|--|--|
| Type | Code | Pos | Description |
| Value | M | Numeric + #0.00 Or S(n) Or #####0 | <p>For @Value: For vertical jumps send the Jumping height with two decimals.</p> <p>For track events send distance in metres from the start of the race up to the point:</p> <ul style="list-style-type: none"> • For 800m: 400, 600 and Finish • For 1500m: 400, 800, 1200 and Finish • For 3000m Steeplechase: 1000, 2000 and Finish • For 5000m: 1000, 2000, 3000, 4000 and Finish • For 10000m: 1000, 2000, 3000, 4000, 5000, 6000, 7000, 8000, 9000 and Finish <p>For road events distance in kilometres or text from the start of the race up to the point:</p> <ul style="list-style-type: none"> • For 20km Race Walk: 2, 4, 6, 8, 10, 12,14,16, 18 and Finish • For 50km Race Walk: 5,10,15, 20, 25, 30, 35, 40, 45 and Finish • For Marathon: 5, 10, 15, 20, Half, 25, 30, 35, 40 and Finish |
| Sub Element: ExtendedInfos /ExtendedInfo /Extension Expected: When it is available for each intermediate point (not finish) in track events over 400m and road events | | | |
| Attribute | Value | Description | |
| Code | TIME | | |
| Pos | N/A | N/A | |
| Value | h:mm:ss.ff | Time of the leader at this intermediate point (excluding finish point) | |
| Sub Element: ExtendedInfos /ExtendedInfo /Extension Expected: Just for individual track events over 400m and road events (not at finish) | | | |
| Attribute | Value | Description | |
| Code | LEADER | | |
| Pos | N/A | N/A | |
| Value | S(20) with no leading zeros | Identifier of the leader at this intermediate point (excluding finish point) | |
| Sub Element: ExtendedInfos /ExtendedInfo /Extension Expected: Just for track events over 2000m | | | |
| Attribute | Value | Description | |
| Code | TIME_LAST_KM | | |

| Element: ExtendedInfos /ExtendedInfo (0,N) | | | | |
|--|---------------------|-----------------|---|--|
| Type | Code | Pos | Description | |
| Pos | N/A | N/A | | |
| Value | m:ss.ff | Time of last km | | |
| UI | INTERMEDIATES_TOTAL | N/A | Element Expected: Just for field events, track events over 400m and road events | |
| | Attribute | M/O | Value | Description |
| | Value | M | Numeric #0 | Send the total number of intermediate points (in track and road events includes finish) |
| UI | LAST_LAP | N/A | Element Expected: Just applies to individual track events over 400m, i.e.: 800m, 1500m, 3000m Steeplechase, 5000m and 10000m. | |
| | Attribute | M/O | Value | Description |
| | Value | M | m:ss.ff | Time for the immediately previous 400 metres from the finish line. This time is calculated by the difference between the leader at the current time (at the finish line) and the leader on the previous lap. In the 1500m event the last laps are: 0-400m then 400m-800m then 800m-1200m and lastly 1100m-1500m |
| UI | QUAL_BP | Numeric 0 | Pos Description: 1 to indicate necessary qualifying performance to pass to the next round 2 to indicate the number of best performers that at least will qualify for the next round Element Expected: Just for field events | |
| | Attribute | M/O | Value | Description |
| | Value | M | Numeric #####0 or Numeric #0.00 (qualifying performance) | Send the qualifying performance or the minimum number of best performers that will qualify for the next round |
| UI | QUAL_BT | N/A | Element Expected: Just for track events | |
| | Attribute | M/O | Value | Description |
| | Value | M | Numeric #####0 | Send number of qualifiers based on best time |

| Element: ExtendedInfos /ExtendedInfo (0,N) | | | |
|--|------------------|----------------|---|
| Type | Code | Pos | Description |
| UI | QUAL_RANK | Numeric 0 | Pos Description: 1 to indicate first rank 2 to indicate last rank Element Expected: Just for track events |
| | Attribute | M/O | Value |
| | Value | M | Numeric #####0 |
| UI | QUAL_RULE | N/A | Element Expected: If it applies |
| | Attribute | M/O | Value |
| | Value | M | S(n) |
| UI | SCORING_RESULT | Numeric | Pos Description: Send the scoring number, from 1 to n to order the points @Pos 1 corresponds to the best result Element Expected: Just for combined event units |
| | Attribute | M/O | Value |
| | Value | M | m:ss.ff or Numeric #0.00 |
| Sub Element: ExtendedInfos /ExtendedInfo /Extension | | | |
| Expected: Just for combined event units | | | |
| | Attribute | Value | Description |
| | Code | POINTS | |
| | Pos | N/A | N/A |
| | Value | Numeric #####0 | Send the scoring points for this performance |
| UI | WIND_SPEED | N/A | Element Expected: Only applies to track event units up to 200m (including with hurdles and combined events) |
| | Attribute | M/O | Value |
| | Value | M | +/-Numeric +/- #0.0 |

Sample (100m)

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

Sample (High Jump)

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

Element: ExtendedInfos /SportDescription (0,1)

Sport Descriptions in Text

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

Element: ExtendedInfos /VenueDescription (0,1)

Venue Names in Text.

| Attribute | M/O | Value | Description |
|--------------|-----|---------------|--|
| Venue | M | CC @VenueCode | Venue Code |
| VenueName | M | S(25) | Venue short name (not code) from Common Codes |
| Location | M | CC @Location | Location code |
| LocationName | M | S(30) | Location short name (not code) from Common Codes |

| Element: Result (1,N) | | | |
|---|-------------|---|--|
| For each Event Unit Results message, there must be at least one competitor with a result element in the event unit. | | | |
| Attribute | M/O | Value | Description |
| Rank | O | Text | Rank of the competitor in the corresponding event unit. |
| RankEqual | O | S(1) | Identifies if a rank has been equaled (Y). Only send if applicable |
| Result | O | hh:mm:ss.ff or hh:mm:ss or Numeric #0.00 (metres) | The result of the competitor in the event unit. Send just in the case @ResultType is Time, Distance or Points For distance: in metres |
| Unchecked | O | S(1) | Send "Y" if time is a transponder time or similar and needs to be validated by reading photo. Do not send unless applicable. |
| IRM | O | SC @IRM | IRM for the particular unit. Send just in the case @ResultType is IRM. |
| QualificationMark | O | SC @QualificationMark | Indicates the qualification of the competitor for the next round of the competition |
| SortOrder | M | Numeric | Used to sort all the results of the unit Before the start of any event unit this will be the same as the StartSortOrder and is used as the primary sort except in the case where a Rank is available (from earlier event units) and in this case the SortOrder will consider Rank in the same way as if the competition had already started. During the event unit any sort order change from the initial start list order for any competitor will be provided in this attribute regardless the competitor is ranked or not. |
| StartOrder | O | Numeric | Lane or Competitor's start order. |
| StartSortOrder | M | Numeric | Used to sort all start list competitors in an event unit, according to the sport rules. |
| ResultType | O | SC @ResultType | Type of the @Result attribute. Result type, either time, distance, points or IRM for the corresponding event unit. |
| Diff | O | h:mm:ss | Display the time / value behind the leader. All fill when applicable, 0.0 for leader, negative for in front of leader, positive for behind. For example +3.45 means 3.45 sec behind the leader, -1.23 means -1.23 sec in front of (better than) the leader. Only for Road event units (time): Marathon, 20km Race Walk and 50km Race Walk. Only send h if non-zero. |
| Element: Result /ExtendedResults /ExtendedResult (1,N) | | | |
| Type | Code | Pos | Description |
| ER | FALSE_START | N/A | Element Expected: If applicable |
| Attribute | M/O | Value | Description |
| Value | M | S(n) | False start indication, e.g., "F1" or "F2" |

| Element: Result /ExtendedResults /ExtendedResult (1,N) | | | | |
|--|------------------|--------------|--|--|
| Type | Code | Pos | Description | |
| ER | LAST_FALSE_START | N/A | Element Expected: Only in track events if applicable | |
| | Attribute | M/O | Value | Description |
| | Value | M | S(1) | Send Y if the competitor made a false start at the previous start attempt, otherwise do not send |
| ER | INTERMEDIATE | Numeric 0 | Pos Description: Number of the intermediate point from 1 to n Number of intermediate point or jumping height from 1 to n according to the INTERMEDIATE element or number of attempt. In the case of relays, this is the leg number. Element Expected: All events where INTERMEDIATE is applicable (see ExtendedInfos) | |
| | Attribute | M/O | Value | Description |
| | Value | M | m:ss.ff or h:mm:ss or Numeric #0.00 Or S(n) | Time result from the start of the race up to this intermediate point or Attempt mark in metres with 2 decimals digits or "-" (if pass) or "x" (if failure) or "r" (if retired) or Height attempt marks like 'o' (if clearance), '-' (if pass) or "xxx" (if three failures) or "r" (if retired) |
| | ValueType | O | SC @ResultType | ValueType should be used to describe the type of data @Value. |
| | Rank | O | Text | Send the rank of athlete at this intermediate point (cumulative) only if @ValueType=TIME |
| | RankEqual | O | Y | Send Y where Rank at this specific ExtendResult is equalled else not sent. |
| | SortOrder | M | Numeric | Is the order of all competitors at the intermediate considering also those without rank. Only applicable for @ValueType=TIME |
| | Diff | O | Time | The cumulative time behind from the leader at this intermediate. Format +m:ss.ff or +h:mm:ss or "0.0". Only applicable for ValueType=TIME |

| Element: Result /ExtendedResults /ExtendedResult (1,N) | | | |
|--|--------------------------|--|--|
| Type | Code | Pos | Description |
| Move | O | Numeric | Change in rank compared to the previous Intermediate Point. For example if one competitor is moving from rank =9 to rank =15 then Move is -6. Just for 20km Race Walk, 50km Race Walk and Marathon. |
| Sub Element: Result /ExtendedResults /ExtendedResult /Extension Expected: Only for horizontal jumps and throws event unit | | | |
| Attribute | Value | Description | |
| Code | AFTER_ATTEMPT_BEST | | |
| Pos | N/A | N/A | |
| Value | Numeric #0.00 | Best mark after the attempt | |
| Sub Element: Result /ExtendedResults /ExtendedResult /Extension Expected: Only for vertical jumps | | | |
| Attribute | Value | Description | |
| Code | AFTER_ATTEMPT_RANK | | |
| Pos | Numeric 0 | Send the attempt number: 1..3. | |
| Value | Text | Athlete's rank after the athletes' @Pos (from 1st to 3rd) attempt at this height | |
| Sub Element: Result /ExtendedResults /ExtendedResult /Extension Expected: Only for vertical jumps | | | |
| Attribute | Value | Description | |
| Code | AFTER_ATTEMPT_ERANK | | |
| Pos | Numeric 0 | Send the attempt number: 1..3. | |
| Value | S(1) | Send Y in case of the AFTER_ATTEMPT_RANK is an equalled rank else do not send | |
| Sub Element: Result /ExtendedResults /ExtendedResult /Extension Expected: Only for field events | | | |
| Attribute | Value | Description | |
| Code | AFTER_INTERMEDIATE_RANK | | |
| Pos | N/A | N/A | |
| Value | Text | Rank after all athletes finished this attempt | |
| Sub Element: Result /ExtendedResults /ExtendedResult /Extension Expected: Only for field events | | | |
| Attribute | Value | Description | |
| Code | AFTER_INTERMEDIATE_ERANK | | |
| Pos | N/A | N/A | |

| Element: Result /ExtendedResults /ExtendedResult (1,N) | | | |
|--|-------------------------------|---|--|
| Type | Code | Pos | Description |
| Value | S(1) | | Send Y in case of the AFTER_INTERMEDIATE_RANK is an equalled rank else do not send |
| Sub Element: Result /ExtendedResults /ExtendedResult /Extension Expected: Only for field events | | | |
| Attribute | Value | Description | |
| Code | AFTER_INTERMEDIATE_RECORD | | |
| Pos | N/A | N/A | |
| Value | CC @RecordType | Record code after all athletes finished this attempt | |
| Sub Element: Result /ExtendedResults /ExtendedResult /Extension Expected: Only for field events | | | |
| Attribute | Value | Description | |
| Code | AFTER_INTERMEDIATE_SORT_ORDER | | |
| Pos | N/A | N/A | |
| Value | Numeric #0 | Sort order after all athletes finished this attempt | |
| Sub Element: Result /ExtendedResults /ExtendedResult /Extension Expected: Only for field and road events | | | |
| Attribute | Value | Description | |
| Code | INTERMEDIATE_LAST_COMPETITOR | | |
| Pos | N/A | N/A | |
| Value | S(1) | Send Y if this is the intermediate of last attempt of last competitor or the last intermediate crossed by the last competitor who crossed this intermediate | |
| Sub Element: Result /ExtendedResults /ExtendedResult /Extension Expected: If applicable | | | |
| Attribute | Value | Description | |
| Code | RECORD_MARK | | |
| Pos | N/A | N/A | |
| Value | CC @RecordType | Send the record broken at this intermediate point | |
| Sub Element: Result /ExtendedResults /ExtendedResult /Extension Expected: Horizontal jumps and Javelin if the data is available | | | |
| Attribute | Value | Description | |
| Code | RUNWAY_SPEED | | |
| Pos | N/A | N/A | |
| Value | Numeric #0.0 | Run-up speed in km/h | |
| Sub Element: Result /ExtendedResults /ExtendedResult /Extension Expected: Only for triple jump if the data is available | | | |
| Attribute | Value | Description | |

| Element: Result /ExtendedResults /ExtendedResult (1,N) | | | | |
|--|-----------------------|---------------|---|--|
| Type | Code | Pos | Description | |
| Code | STEP | | | |
| Pos | Numeric 0 | | Send the step number: 1..3 1 for Hop, 2 for Step and 3 for Jump | |
| Value | Numeric #0.00 | | Length in metres for the @Pos step | |
| Sub Element: Result /ExtendedResults /ExtendedResult /Extension Expected: Only for horizontal jumps | | | | |
| Attribute | Value | | Description | |
| Code | WIND_SPEED | | | |
| Pos | N/A | | N/A | |
| Value | +/-Numeric +/-#0.0 | | Wind during the attempt in metres per second | |
| Sub Element: Result /ExtendedResults /ExtendedResult /Extension Expected: Only for road events | | | | |
| Attribute | Value | | Description | |
| Code | SECTION | | | |
| Pos | N/A | | N/A | |
| Value | h:mm:ss | | Send the time from the previous intermediate point (or start for first intermediate) to this one). Do not send leading zeros. | |
| ER | IRM_INTERMEDIATE | N/A | Element Expected: If applicable | |
| Attribute | M/O | Value | Description | |
| Value | M | Numeric #0 | Intermediate in which the athlete received the IRM value | |
| ER | REACT_TIME | N/A | Element Expected: For events starting with blocks (up to and including 400m) | |
| Attribute | M/O | Value | Description | |
| Value | M | s.fff | Reaction time of the competitor | |
| ER | REACT_TIME_GUIDE | N/A | Element Expected: In para-athletics events using blocks where the competitor has a guide. | |
| Attribute | M/O | Value | Description | |
| Value | M | s.fff | Reaction time of the competitor's guide | |
| ER | WARNINGS | N/A | Element Expected: Only for walking events and if applicable. | |
| Attribute | M/O | Value | Description | |
| Value | M | SC @Warning | Concatenation (maximum 3) of warnings. | |

| Element: Result /ExtendedResults /ExtendedResult (1,N) | | | | |
|--|------------------|------------|--|--|
| Type | Code | Pos | Description | |
| ER | PHOTO | N/A | Element Expected: If applicable for road evens only | |
| | Attribute | M/O | Value | Description |
| | Value | M | S(1) | Send the Photo Finish status: Y in case of evaluated P in case of Pending else do not send If PHOTO is sent as pending then those pending competitors will not have rank but will still be sorted in the correct place (as well as is known). For example: Rank = 1,2,,,5,6,7... and SortOrder = 1,2,3,4,5,6,7 |
| ER | ORDER_CURRENT | N/A | Element Expected: Only for horizontal jumps and throws | |
| | Attribute | M/O | Value | Description |
| | Value | M | Numeric #0 | Current participation order of the athlete. Initially it is the event start order and is updated depending on applied rules. (usually after third attempt). |
| ER | ORDER_FINAL | N/A | Element Expected: Only for horizontal jumps and throws | |
| | Attribute | M/O | Value | Description |
| | Value | M | Numeric #0 | Starting order of the athlete after third attempt |
| ER | BEST_ATTEMPT_NUM | N/A | Element Expected: Only for horizontal jumps and throws | |
| | Attribute | M/O | Value | Description |
| | Value | M | Numeric 0 | Best attempt number |
| ER | IN_COMP | N/A | Element Expected: Only for vertical jumps (HJ and PV). Whenever known or changed | |
| | Attribute | M/O | Value | Description |
| | Value | M | S(1) | Send Y if the athlete is still in competition, N otherwise. |
| ER | PTS | N/A | Element Expected: Only in combined events | |
| | Attribute | M/O | Value | Description |
| | Value | M | Numeric ###0 | Points at the event unit |
| ER | RULE | N/A | Element Expected: If applicable in case of disqualification | |

| Element: Result /ExtendedResults /ExtendedResult (1,N) | | | | |
|--|------------------|------------|-----------------------|--|
| Type | Code | Pos | Description | |
| | Attribute | M/O | Value | Description |
| | Value | M | Text | Rule reference |
| ER | WIND_SPEED | | N/A | Element Expected: Track up to 200m and horizontal jumps |
| | Attribute | M/O | Value | Description |
| | Value | M | +/-Numeric +/-#0.0 | Wind in metres per second: at the event unit for track events and the best attempt mark for horizontal jumps. |
| ER | WINDY | | N/A | Element Expected: Only is applicable for track up to 200m and horizontal jumps. Only send for athlete that breaks any record. |
| | Attribute | M/O | Value | Description |
| | Value | M | S(1) | Send Y in case the performance of the competitor was achieved with assisting wind in excess of 2.0 m/s and, as a consequence, it cannot be recognized as a record. |
| ER | RC | | N/A | Element Expected: If applicable |
| | Attribute | M/O | Value | Description |
| | Value | M | Y | Send Y, if the competitor or at least one of the athletes (of a team) has a red card for behaviour in this unit (not second yellow.) |
| ER | YC | | N/A | Element Expected: If applicable |
| | Attribute | M/O | Value | Description |
| | Value | M | Y | Send Y, if the competitor or at least one of the athletes (of this team) has a yellow card for behaviour in this unit or previous else do not send. |
| ER | YRC | | N/A | Element Expected: If applicable |
| | Attribute | M/O | Value | Description |
| | Value | M | Y | Send Y, if the competitor or at least one of the athletes (of this team) has a second yellow card for behaviour in this unit. |

Sample (High Jump)

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

Sample (Throwing Event)

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

Sample (Track Event)

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

Sample (Road Event)

```
<Result Rank="1" ResultType="TIME" Result="2:08:01" StartOrder="45" StartSortOrder="45" SortOrder="1">
  <ExtendedResults>
    <ExtendedResult Type="ER" Code="INTERMEDIATE" Pos="1" Value="15:23" ValueType="TIME" Rank="4"
    SortOrder="4" Diff="+0:06" >
      <Extension Code="SECTION" Value="15:23" />
    </ExtendedResult>
    <ExtendedResult Type="ER" Code="INTERMEDIATE" Pos="2" Value="30:46" ValueType="TIME" Rank="6"
    SortOrder="6" Move"-2" Diff="+0:08" >
      <Extension Code="SECTION" Value="15:23" />
    </ExtendedResult>
    ....
    <ExtendedResult Type="ER" Code="INTERMEDIATE" Pos="9" Value="2:01:12" ValueType="TIME" Rank="1"
    SortOrder="1" Move"3" Diff="0:00" >
      <Extension Code="SECTION" Value="15:08" />
    </ExtendedResult>
  </ExtendedResults>
```

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

| Element: Result /Competitor (1,1) Competitor related to the result of one event unit. | | | |
|--|-----|------------------------------|---------------------------|
| Attribute | M/O | Value | Description |
| Code | M | S(20) with no leading zeroes | Competitor's ID |
| Type | M | S(1) | A for athlete, T for Team |
| Organisation | O | CC @Organisation | Competitor's organisation |

| Element: Result /Competitor /Description (0,1) Used in Team events only | | | |
|--|-----|-------|------------------|
| Attribute | M/O | Value | Description |
| TeamName | M | S(73) | Name of the team |

| Element: Result /Competitor /EventUnitEntry (0,N) Only for relay event units | | | | |
|---|------------------|------------|---|------------------------------------|
| Type | Code | Pos | Description | |
| EUE | NR | N/A | Element Expected: When available in relays | |
| | Attribute | M/O | Value | Description |
| | Value | M | m:ss.ff or m:ss.f | Team's national record performance |
| EUE | SB | N/A | Element Expected: When available in relays | |
| | Attribute | M/O | Value | Description |
| | Value | M | m:ss.ff or m:ss.f | Team's season best. |

Sample

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

| Element: Result /Competitor /Composition /Athlete (1,N) | | | |
|--|-----|------------------------------|---|
| Attribute | M/O | Value | Description |
| Code | M | S(20) with no leading zeroes | Athlete's ID. Can belong to a team member or an individual athlete. |
| Order | M | Numeric 0 | 1 if Competitor @Type="A". 1-4 for relay event (running order) |
| Bib | O | S(4) | Bib number |
| Element: Result /Competitor /Composition /Athlete /Description (1,1) Athletes extended information. | | | |
| Attribute | M/O | Value | Description |
| GivenName | O | S(25) | Given name in WNPA format (mixed case) |
| FamilyName | M | S(25) | Family name in WNPA format (mixed case) |
| Gender | M | CC @PersonGender | Gender of the athlete |
| Organisation | M | CC @Organisation | Athletes' organisation |
| BirthDate | O | Date | Birth date (example: YYYY-MM-DD). Must include if the data is available |
| IFId | O | S(16) | International Federation ID |
| Class | O | CC @SportClass | Code to identify the sport class in the case of events with athletes with a disability (e.g: Paralympic Games). |
| GuideID | O | S(20) without leading zeros | ID of the Guide |
| GuideFamilyName | O | S(25) | Family Name of the athlete's guide (mixed case) |
| GuideGivenName | O | S(25) | Given Name of the athlete's guide (mixed case) |

| Element: Result /Competitor /Composition /Athlete /EventUnitEntry (0,N) For all event units except for relays | | | |
|--|--------------------|------------|--|
| Type | Code | Pos | Description |
| EUE | RANK_BEFORE | N/A | Element Expected: As soon as the rank before the current unit are known in combined events |
| | Attribute | M/O | Value |
| | Value | M | Numeric |
| | Description | | Rank in Combined Event before the this event unit |
| EUE | ERANK_BEFORE | N/A | Element Expected: As soon as the rank before the current unit is known in combined events and the rank is equaled |
| | Attribute | M/O | Value |
| | Value | M | Y |
| | Description | | Identifies if the RANK_BEFORE in Combined Event is equalled. Only send if applicable |
| EUE | PTS_BEFORE | N/A | Element Expected: As soon as the points before the current unit are known in combined events |
| | Attribute | M/O | Value |
| | Value | M | Numeric |
| | Description | | Points in Combined Event before the this event unit |

| Element: Result /Competitor /Composition /Athlete /EventUnitEntry (0,N) | | | | |
|--|------------------|-------------------|--|--|
| For all event units except for relays | | | | |
| | Type | Code | Pos | Description |
| | Value | M | Numeric ###0 | Points achieved in Combined Event before the this event unit |
| EUE | | PTS_BEFORE_BEHIND | N/A | Element Expected: As soon as the points behind before the current unit are known in combined events |
| | Attribute | M/O | Value | Description |
| | Value | M | Numeric ###0 | Points behind leader in Combined Event before the this event unit |
| EUE | | PB | N/A | Element Expected: Always when available |
| | Attribute | M/O | Value | Description |
| | Value | M | hh:mm:ss.ff or hh:mm:ss or blank or Numeric #0.00 (metres) | Athlete's personal best |
| EUE | | SB | N/A | Element Expected: Always when available |
| | Attribute | M/O | Value | Description |
| | Value | M | hh:mm:ss.ff or hh:mm:ss or blank or Numeric #0.00 (metres) | Athlete's season best |

Sample

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

| Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult (1,N) | | | | |
|---|--|--|--|--|
| Only for team member in relay | | | | |

| Type | Code | Pos | Description |
|------------------|------------------|----------------|---|
| ER | LEG_SPLIT | N/A | Element Expected: Just for 4x400m Relay. |
| Attribute | M/O | Value | Description |
| Value | M | m:ss.ff | Time for the team member in the leg |
| ValueType | O | SC @ResultType | ValueType should be used to describe the type of data @Value Will be TIME |
| Rank | O | Text | Send the rank for a team member in the leg |
| RankEqual | O | Y | Send Y where Rank at this specific ExtendResult is equalled else not sent. |
| ER | FALSE_START | N/A | Element Expected: If applicable for the first athlete in a relay |
| Attribute | M/O | Value | Description |
| Value | M | S(n) | False start indication, e.g., "F1" or "F2" |
| ER | LAST_FALSE_START | N/A | Element Expected: If applicable for the first athlete in a relay |
| Attribute | M/O | Value | Description |
| Value | M | S(1) | Send Y if the competitor made a false start at the previous start attempt, otherwise do not send |
| ER | REACT_TIME | N/A | Element Expected: For events starting with blocks for the first athlete in a relay |
| Attribute | M/O | Value | Description |
| Value | M | s.fff | Reaction time of the competitor |
| ER | REACT_TIME_GUIDE | N/A | Element Expected: In para-athletics relays using blocks where the first athlete has a guide. |
| Attribute | M/O | Value | Description |
| Value | M | s.fff | Reaction time of the competitor's guide |
| ER | RC | N/A | Element Expected: If applicable for an athlete in a team |
| Attribute | M/O | Value | Description |
| Value | M | Y | Send Y, if the competitor or at least one of the athletes (of a team) has a red card for behaviour in this unit (not second yellow.) |
| ER | YC | N/A | Element Expected: If applicable for an athlete in a team |
| Attribute | M/O | Value | Description |
| Value | M | Y | Send Y, if the competitor or at least one of the athletes (of this team) has a yellow card for behaviour in this unit or previous else do not send. |



| ER | YRC | N/A | Element Expected: If applicable for an athlete in a team | |
|----|-----------|-----|---|---|
| | Attribute | M/O | Value | Description |
| | Value | M | Y | Send Y, if the competitor or at least one of the athletes (of this team) has a second yellow card for behaviour in this unit. |

2.2.3.5 Message Sort

Sort by Result @SortOrder

2.2.4 Results Analysis

2.2.4.1 Description

The Results Analysis is a message containing additional information for the start list and/or results. In the case of athletics it provides the splits at a higher frequency.

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

2.2.4.2 Header Values

The following table describes the message header attributes.

| Attribute | Value | Comment |
|-----------------|----------------------------|---|
| CompetitionCode | CC @Competition | Unique ID for competition |
| DocumentCode | Full RSC | Full RSC of the unit |
| DocumentType | DT_RESULT_ANALYSIS | Event Unit Result Analysis message |
| DocumentSubtype | Not used | Not used |
| Version | 1..V | Version number associated to the message's content. Ascendant number |
| ResultStatus | SC @ResultStatus | Use the same status as DT_RESULT |
| FeedFlag | "P"-Production "T"-Test | Test message or production message. |
| Date | Date | Date when the message is generated, expressed in the local time zone where the message was produced. |
| Time | Time | Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced. |
| LogicalDate | Date | <p>Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight.</p> <p>If an event unit continues after midnight (24:00), all messages produced will be considered as happening at the logical date on which the event unit began (e.g. for a session which began at 21:00 on Aug 2 and ended at 1:20 on Aug 3, the message will all be dated Aug 2).</p> <p>The end of the logical day is defined by default at 03:00 a.m.</p> <p>For messages corrections, like invalidating medals or Records, it will be the LogicalDate of the day of the correction.</p> <p>Logical Date is expressed in the local time zone where the message was produced.</p> |
| Source | SC @Source | Code indicating the system which generated the message. |

2.2.4.3 Trigger and Frequency

This message is then sent when the unit is OFFICIAL only.

2.2.4.4 Message Values

| Element: ExtendedInfos /UnitDateTime (0,1) | | | |
|--|-----|----------|---|
| Actual start and/or end dates and times. | | | |
| Attribute | M/O | Value | Description |
| StartDate | O | DateTime | Actual start date-time. Do not include until unit starts. |

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

| Element: Result (1,N) | | | |
|---|-----|-------------|--|
| For each Event Unit Results message, there must be at least one competitor with a result element in the event unit. | | | |
| Attribute | M/O | Value | Description |
| Rank | O | Text | Rank of the competitor in the corresponding event unit. |
| RankEqual | O | S(1) | Identifies if a rank has been equalled. Only send if applicable |
| Result | O | hh:mm:ss.ff | The result of the competitor in the event unit. Send just in the case @ResultType is Time. |
| Unchecked | O | S(1) | Send "Y" if time is a transponder time or similar and needs to be validated by reading photo. Do not send unless applicable. |
| IRM | O | SC @IRM | IRM for the particular unit. Send just in the case @ResultType is IRM. |

Element: Result (1,N)

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

| Attribute | M/O | Value | Description |
|----------------|-----|----------------|--|
| SortOrder | M | Numeric | Used to sort all the results of the unit Before the start of any event unit this will be the same as the StartSortOrder and is used as the primary sort except in the case where a Rank is available (from earlier event units) and in this case the SortOrder will consider Rank in the same way as if the competition had already started. During the event unit any sort order change from the initial start list order for any competitor will be provided in this attribute regardless the competitor is ranked or not. |
| StartOrder | O | Numeric | Lane or Competitor's start order. |
| StartSortOrder | M | Numeric | Used to sort all start list competitors in an event unit, according to the sport rules. |
| ResultType | O | SC @ResultType | Type of the @Result attribute. Result type, either time, distance, points or IRM for the corresponding event unit. |

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

| Type | Code | Pos | Description |
|------|------------------|--------------|---|
| ER | INTERMEDIATE | Numeric 0 | Pos Description: Number of the intermediate point from 1 to n are provided by transponders. Element Expected: Track events over 400m |
| | Attribute | M/O | Value |
| | Value | M | m:ss.f |
| | ValueType | O | SC @ResultType |
| | Rank | O | Text |
| | RankEqual | O | Y |
| | SortOrder | M | Numeric |
| | | | Is the order of all competitors at the intermediate considering also those without rank. Only applicable for @ValueType=TIME |

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

| Element: Result /Competitor (1,1) Competitor related to the result of one event unit. | | | |
|--|-----|------------------------------|---------------------------|
| Attribute | M/O | Value | Description |
| Code | M | S(20) with no leading zeroes | Competitor's ID |
| Type | M | S(1) | A for athlete |
| Organisation | O | CC @Organisation | Competitor's organisation |

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

| Element: Result /Competitor /Composition /Athlete /Description (1,1) Athletes extended information. | | | |
|--|-----|-----------------------------|---|
| Attribute | M/O | Value | Description |
| GivenName | O | S(25) | Given name in WNPA format (mixed case) |
| FamilyName | M | S(25) | Family name in WNPA format (mixed case) |
| Gender | M | CC @PersonGender | Gender of the athlete |
| Organisation | M | CC @Organisation | Athletes' organisation |
| BirthDate | O | Date | Birth date (example: YYYY-MM-DD). Must include if the data is available |
| IFId | O | S(16) | International Federation ID |
| Class | O | CC @SportClass | Code to identify the sport class in the case of events with athletes with a disability (e.g: Paralympic Games). |
| GuideID | O | S(20) without leading zeros | ID of the Guide |
| GuideFamilyName | O | S(25) | Family Name of the athlete's guide (mixed case) |
| GuideGivenName | O | S(25) | Given Name of the athlete's guide (mixed case) |

Sample

```

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

```

2.2.4.5 Message Sort

Sort by Result @SortOrder

2.2.5 Phase Results

2.2.5.1 Description

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

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

2.2.5.2 Header Values

| Attribute | Value | Comment |
|-----------------|----------------------------|--|
| CompetitionCode | CC @Competition | Unique ID for competition |
| DocumentCode | Full RSC | Full RSC of the phase |
| DocumentType | DT_PHASE_RESULT | Phase Results message |
| DocumentSubtype | Not used | Not used |
| Version | 1..V | Version number associated to the message's content. Ascendant number |
| ResultStatus | SC @ResultStatus | It indicates the status of the results LIVE INTERMEDIATE OFFICIAL UNOFFICIAL PROTESTED |
| FeedFlag | "P"-Production "T"-Test | Test message or production message. |
| Date | Date | Date when the message is generated, expressed in the local time zone where the message was produced. |
| Time | Time | Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced. |
| LogicalDate | Date | Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight. If an event unit continues after midnight (24:00), all messages produced will be considered as happening at the logical date on which the event unit began (e.g. for a session which began at 21:00 on Aug 2 and ended at 1:20 on Aug 3, the message will all be dated Aug 2). The end of the logical day is defined by default at 03:00 a.m. For messages corrections, like invalidating medals or Records, it will be the LogicalDate of the day of the correction. Logical Date is expressed in the local time zone where the message was produced. |
| Source | SC @Source | Code indicating the system which generated the message. |

2.2.5.3 Trigger and Frequency

Send as follows:

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

2.2.5.4 Message Values

| Element: ExtendedInfos /ExtendedInfo (0,N) | | | |
|--|------------------|------------|---|
| Type | Code | Pos | Description |
| UI | LAST_UNIT | N/A | Element Expected: After at least one unit is complete. |
| | Attribute | M/O | Value |
| | Value | O | CC @Unit |
| | | | Description |
| | | | Full RSC of the first unit (if not started) or most recent unit information included in the message |

| Element: ExtendedInfos /SportDescription (0,1) | | | |
|--|-----|----------------------|---|
| Attribute | M/O | Value | Description |
| DisciplineName | M | S(40) | Discipline name (not code) from Common Codes |
| EventName | M | S(40) | Event name (not code) from Common Codes |
| SubEventName | O | S(40) | Phase level short name (not code) from Common Codes |
| Gender | M | CC @DisciplineGender | Gender code for the event unit (M/W) |

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

| Element: Result (1,N) | | | |
|-----------------------|-----|--------------------------------------|--|
| Attribute | M/O | Value | Description |
| Rank | O | Text | Rank of the competitor in the corresponding phase. This attribute is optional because the competitor could get an invalid rank mark. |
| RankEqual | O | S(1) | Identifies if a rank has been equaled. Send Y if applicable else do not send |
| ResultType | O | SC @ResultType | Result type, either time or distance or IRM for the corresponding phase. It will be TIME for Track events or DISTANCE for Field events unless IRM applies. |
| Result | O | h:mm:ss.ff or Numeric #0.00 | The result of the competitor in the phase. Send just in the case @ResultType is TIME or DISTANCE For distance the measurement is in metres |
| IRM | O | SC @IRM | The invalid rank mark, if applicable. Send just in the case @ResultType is IRM |
| QualificationMark | O | SC @QualificationMark | The code which gives an indication on the qualification of the competitor for the next round of the competition |
| SortOrder | M | Numeric | This attribute is a sequential number with the order of the results for the particular phase, if they were to be presented. It is mostly based on the rank, but it should be used to sort out rank ties as well as results without rank. |

| Element: Result /ExtendedResults /ExtendedResult (1,N) | | | | |
|--|------------------|------------|---|---|
| Type | Code | Pos | Description | |
| ER | FALSE_START | N/A | Element Expected: If it applies | |
| | Attribute | M/O | Value | Description |
| | Value | M | S(n) | False start indication, e.g., "F1" |
| ER | LAST_QUAL | N/A | Element Expected: All qualifying phases | |
| | Attribute | M/O | Value | Description |
| | Value | M | S(1) | Send "Y" if this competitor is in the last qualifying place else do not send. |
| ER | RULE | N/A | Element Expected: Just in case of athlete's disqualification | |
| | Attribute | M/O | Value | Description |
| | Value | M | Text | Text of the rule |

| Element: Result /ExtendedResults /ExtendedResult (1,N) | | | | |
|--|------------------|------------|--|--|
| Type | Code | Pos | Description | |
| ER | UNIT_LANE | N/A | Element Expected: Only for track events | |
| | Attribute | M/O | Value | Description |
| | Value | M | Numeric #0 | Send the lane/order number for the athlete in the unit. |
| ER | UNIT_NUM | N/A | Element Expected: Always | |
| | Attribute | M/O | Value | Description |
| | Value | M | S(2) | Send the heat number in track events or group (A/B) in field events. |
| ER | UNIT_RANK | N/A | Element Expected: Always when not null | |
| | Attribute | M/O | Value | Description |
| | Value | M | Numeric #0 | Send the rank of the athlete within the event unit |
| ER | WIND_SPEED | N/A | Element Expected: Send where the data exists | |
| | Attribute | M/O | Value | Description |
| | Value | M | +/-Numeric +/-#0.0 | Wind in metres per second |
| ER | WINDY | N/A | Element Expected: Applicable for track events up to 300m and horizontal jumps if the competitor breaks a record and wind is above the allowed limit.. | |
| | Attribute | M/O | Value | Description |
| | Value | M | S(1) | Send Y in case the performance of the competitor was achieved with assisting wind in excess of 2.0 m/s and, as a consequence, it cannot be recognized as a record. |
| ER | PTS | N/A | Element Expected: Only in combined events | |
| | Attribute | M/O | Value | Description |
| | Value | M | Numeric ###0 | Points scored |

| Element: Result /RecordIndicators /RecordIndicator (1,N) | | | |
|---|------------|----------------|---|
| Phase result's record indicator. | | | |
| Attribute | M/O | Value | Description |
| Order | M | Numeric | The hierarchy (priority) for types of record from 1 to n with WR being the highest. |
| Code | M | CC @RecordCode | Code which describes the record broken by the result value |
| RecordType | M | CC @RecordType | Code which specifies the level at which the record is broken (e.g. "WR"). Must always send the highest or most relevant record type. For example if WR and OR then send WR. |
| Equalled | O | S(1) | Send "Y" in the case that the record has been equalled else do not send. |

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

| Element: Result /Competitor /Description (0,1) | | | |
|---|------------|--------------|---|
| Attribute | M/O | Value | Description |
| TeamName | O | S(73) | Name of the team. Send in the case that the competitor is a team. |

| Element: Result /Competitor /Composition /Athlete (1,N) | | | |
|--|------------|------------------------------|---|
| Attribute | M/O | Value | Description |
| Code | M | S(20) with no leading zeroes | Athlete's ID, corresponding to either a team member or a single athlete |
| Order | M | Numeric | Order attribute used to sort team members in a team (if Competitor @Type="T") or 1 if Competitor @Type="A". |
| Bib | O | S(4) | Athlete's bib number. |

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

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

Sample

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

2.2.5.5 Message Sort

Result @SortOrder followed by Athlete @Order.

2.2.6 Cumulative Results

2.2.6.1 Description

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

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

2.2.6.2 Header Values

The following table describes the message header attributes.

| Attribute | Value | Comment |
|-----------------|----------------------------|--|
| CompetitionCode | CC @Competition | Unique ID for competition |
| DocumentCode | Full RSC | Full RSC of the event |
| DocumentType | DT_CUMULATIVE_RESULT | Cumulative Results message |
| DocumentSubtype | Not used | Not used |
| Version | 1..V | Version number associated to the message's content. Ascendant number |
| ResultStatus | SC @ResultStatus | It indicates the status of the results LIVE INTERMEDIATE UNCONFIRMED OFFICIAL UNOFFICIAL PROTESTED |
| FeedFlag | "P"-Production "T"-Test | Test message or production message. |
| Date | Date | Date when the message is generated, expressed in the local time zone where the message was produced. |
| Time | Time | Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced. |
| LogicalDate | Date | Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight. If an event unit continues after midnight (24:00), all messages produced will be considered as happening at the logical date on which the event unit began (e.g. for a session which began at 21:00 on Aug 2 and ended at 1:20 on Aug 3, the message will all be dated Aug 2). The end of the logical day is defined by default at 03:00 a.m. For messages corrections, like invalidating medals or Records, it will be the LogicalDate of the day of the correction. Logical Date is expressed in the local time zone where the message was produced. |

| Attribute | Value | Comment |
|-----------|------------|---|
| Source | SC @Source | Code indicating the system which generated the message. |

2.2.6.3 Trigger and Frequency

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

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

2.2.6.4 Message Values

| Element: ExtendedInfos /ExtendedInfo (0,N) | | | |
|--|------------------|------------|---|
| Type | Code | Pos | Description |
| UI | LAST_UNIT | N/A | Element Expected: After at least one unit is complete. |
| | Attribute | M/O | Value |
| | Value | O | CC @Unit |
| | | | Description |
| | | | Send the full RSC of the most recently completed unit or current unit if in progress included in the message. |

| Element: ExtendedInfos /SportDescription (0,1) | | | |
|--|-----|----------------------|--|
| Sport Descriptions in Text. | | | |
| Attribute | M/O | Value | Description |
| DisciplineName | M | S(40) | Discipline name (not code) from Common Codes |
| EventName | M | S(40) | Event name (not code) from Common Codes |
| Gender | M | CC @DisciplineGender | Gender code for the event unit |

| Element: ExtendedInfos /VenueDescription (0,1) | | | |
|---|-----|---------------|---|
| Venue Names in Text. DO NOT INCLUDE unless all at single venue. | | | |
| Attribute | M/O | Value | Description |
| Venue | M | CC @VenueCode | Venue Code |
| VenueName | M | S(25) | Venue short name (not code) from Common Codes |

| Element: Result (1,N) | | | |
|---|------------|---|--|
| For any cumulative results message, there should be at least one competitor being awarded a cumulative result after one event unit or phase. | | | |
| Attribute | M/O | Value | Description |
| Rank | O | Text | Rank of the competitor in the cumulative result. This attribute is optional because the competitor could get an invalid rank mark. |
| RankEqual | O | S(1) | Identifies if a rank has been equalled. Only send if applicable, in that case send "Y". |
| ResultType | O | SC @ResultType | Type of the @Result attribute. Result type, either points or IRM for the cumulative result. |
| Result | O | Numeric ###0 or String (only in YOG) | The cumulative result of the competitor. Send just in the case @ResultType is POINTS For points (for the Overall Results of the Combined Events): numeric with a maximum of 4 digits In YOG the total result from the two phases is sent as a string. |
| IRM | O | SC @IRM | The invalid rank mark for the cumulative result, in case it is assigned. Send just in the case @ResultType is IRM |
| Diff | O | Numeric ###0 | Points behind leader. 0 for the leader (combined events) |
| SortOrder | M | Numeric | This attribute is a sequential number with the order of the results for the cumulative result, if they were to be presented. It is mostly based on the rank, but it should be used to sort out rank ties as well as results without rank. |

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

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

| Element: Result /ResultItems /ResultItem /Result (1,1) | | | |
|---|------------|-----------------------------------|---|
| Attribute | M/O | Value | Description |
| Rank | O | Text | Rank of the competitor in the result for the phase identified by @Unit at /ResultItems /ResultItem. |
| RankEqual | O | S(1) | Identifies if a rank has been equalled. Only send if applicable. |
| ResultType | O | SC @ResultType | Type of the @Result attribute for the phase identified by /ResultItems /ResultItem. |
| Result | O | m:ss.ff or Numeric #0.00 | The result of the competitor for the phase identified by @Unit at /ResultItems /ResultItem. Send just in the case @ResultType is not IRM. For distance: in metres Not included in distance events in YOG |
| ResultPoints | O | Numeric ###0 | Convert the performance to points, numeric with a maximum of 4 digits. Used in combined events and in distance events in YOG. |
| IRM | O | SC @IRM | The invalid rank mark, in case it is assigned for the event unit or phase identified by /ResultItems /ResultItem. Send just in the case @ResultType is IRM. |
| SortOrder | M | Numeric | Used to sort all results in the phase identified by phase identified by @Unit at /ResultItems /ResultItem. |

| Element: Result /ResultItems /ResultItem /Result /ExtendedResults /ExtendedResult (1,N) | | | | |
|---|------------------|------------|--|--|
| Type | Code | Pos | Description | |
| ER | WIND_SPEED | N/A | Element Expected: Send where the data exists in combined events | |
| | Attribute | M/O | Value | Description |
| | Value | M | +/-Numeric +/-#0.0 | Wind in metres per second |
| ER | TOTAL_PTS | N/A | Element Expected: Always in combined events | |
| | Attribute | M/O | Value | Description |
| | Value | M | Numeric ###0 | Total Points after the athlete has completed the event unit |
| | ValueType | M | POINTS | |
| | Rank | O | Text | Overall rank of the athletes up to and including this phase |
| | RankEqual | O | S(1) | Send "Y" if the overall rank is equalled else do not send. |
| | SortOrder | M | Numeric | Similar to rank but considering all competitors (including those with no rank) |

| Element: Result /ResultItems /ResultItem /Result /RecordIndicators /RecordIndicator (1,1) | | | | |
|---|-----|----------------|---|--|
| Result's record indicator. | | | | |
| Attribute | M/O | Value | Description | |
| Order | M | Numeric | The hierarchy (priority) for types of record from 1 to n. Can use the Order column from CC @RecordType for reference). | |
| Code | M | CC @RecordCode | Code which describes the record broken by the Result /ResultItems /ResultItem /Result value It applies to the result of one event unit. | |
| RecordType | M | CC @RecordType | Code which specifies the level at which the record is broken (e.g. "OR"). Must always send the highest or most relevant record type. For example if WR and OR then send WR. | |
| Equalled | O | S(1) | Send Y in the case that the record has been equalled else do not send. | |

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

| Element: Result /Competitor /Composition /Athlete (1,N) | | | |
|---|-----|------------------------------|--|
| Attribute | M/O | Value | Description |
| Code | M | S(20) with no leading zeroes | Athlete's ID |
| Order | M | Numeric | Send 1 as the competitor is an athlete |
| Bib | O | S(4) | Bib number |

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

Sample (Decathlon)

```
<Result Rank="1" ResultType="POINTS" Result="1554" SortOrder="1" Diff="0">
  <ResultItems>
    <ResultItem Unit="ATHMDECATH-----100-----" Order="1" >
      <Result Rank="27" ResultType="TIME" Result="10.23" ResultPoints="845" >
        <ExtendedResults>
          <ExtendedResult Type="ER" Code="WIND_SPEED" Value="+1.3" />
          <ExtendedResult Type="ER" Code="TOTAL_PTS" Value="845" ValueType="POINTS" Rank="27"
SortOrder="27" />
        </ExtendedResults>
      </Result>
    </ResultItem>
    <ResultItem Unit="ATHMDECATH-----LJ-----" Order="2" >
      <Result Rank="18" ResultType="DISTANCE" Result="7.23" ResultPoints="709" SortOrder="18" >
        <ExtendedResults>
          <ExtendedResult Type="ER" Code="WIND_SPEED" Value="-1.1" />
          <ExtendedResult Type="ER" Code="TOTAL_PTS" Value="1554" ValueType="POINTS" Rank="1"
SortOrder="1" />
        </ExtendedResults>
      </Result>
    </ResultItem>
  </ResultItems>
  <Competitor Code="20217432" Type="A" Organisation="SUI">
    <Composition>
      <Athlete Code="20217432" Order="1">
        <Description GivenName="Jon" FamilyName="Smith" Gender="M" Organisation="SUI"
BirthDate="1994-12-15" />
      </Athlete>
    </Composition>
  </Competitor>
```



INTERNATIONAL
OLYMPIC
COMMITTEE

ODF R-SOG-2020-ATH V1.7 APP

2.2.6.5 Message Sort

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

2.2.7 Image

2.2.7.1 Description

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

2.2.7.2 Header Values

The following table describes the message header attributes.

| Attribute | Value | Comment |
|-----------------|----------------------------|--|
| CompetitionCode | CC @Competition | Unique ID for competition |
| DocumentCode | Full RSC | |
| DocumentSubcode | S(10) | Picture number |
| DocumentType | DT_IMAGE | Image message |
| DocumentSubtype | S(20) | Send PHOTOFINISH |
| Version | 1..V | Version number associated to the message's content. Ascendant number |
| ResultStatus | SC @ResultStatus | Only applicable status is OFFICIAL |
| FeedFlag | "P"-Production "T"-Test | Test message or production message. |
| Date | Date | Date when the message is generated, expressed in the local time zone where the message was produced. |
| Time | Time | Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced. |
| LogicalDate | Date | Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight. If an event unit continues after midnight (24:00), all messages produced will be considered as happening at the logical date on which the event unit began (e.g. for a session which began at 21:00 on Aug 2 and ended at 1:20 on Aug 3, the message will all be dated Aug 2). The end of the logical day is defined by default at 03:00 a.m. For messages corrections, like invalidating medals or Records, it will be the LogicalDate of the day of the correction. Logical Date is expressed in the local time zone where the message was produced. |
| Source | SC @Source | Code indicating the system which generated the message. |

2.2.7.3 Trigger and Frequency

Trigger when image available and after any change.

2.2.7.4 Message Values

| Element: Competition /Image (1,N) | | | |
|---|-----|------------|--|
| Attribute | M/O | Value | Description |
| Pos | M | Numeric #0 | Used as differentiator if there are multiple images in the message. |
| Version | M | Numeric #0 | Document Version |
| Revision | M | Numeric #0 | Document Revision |
| ImageType | M | S(3) | Image type extension, jpg or png |
| Element: Competition /Image /Result (0,N) | | | |
| Attribute | M/O | Value | Description |
| Result | O | S(20) | Result of the competitor in the image. Formatted in the same was as associated DT_RESULT. Use IRM code if appropriate. |
| Rank | O | Text | Rank of the competitor |
| StartOrder | O | S(4) | Start or lane position |
| SortOrder | M | Numeric | This attribute is a sequential number with the order of the competitors in the image. |

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

| Element: Competition /Image /Result /Competitor /Description (0,1) | | | |
|--|-----|-------|------------------|
| Attribute | M/O | Value | Description |
| TeamName | O | S(73) | Name of the team |

| Element: Competition /Image /Result /Competitor /Composition /Athlete (1,N) | | | |
|---|-----|------------------------------|---|
| Only sent in the case of individual events. Team members are not sent in team events. | | | |
| Attribute | M/O | Value | Description |
| Code | O | S(20) with no leading zeroes | Athlete's ID. If it is possible to send the ID it should be included. |
| Order | M | Numeric ##0 | Order attribute used to sort team members in a team. Before the competition this will be the same as the StartSortOrder and is used as the primary sort. During competition any sort order change from the initial start list order for any competitor will be provided in this attribute. |
| Bib | O | S(4) | Bib |

| Element: Competition /Image /Result /Competitor /Composition /Athlete /Description (1,1) | | | |
|--|-----|-----------|---|
| Attribute | M/O | Value | Description |
| GivenName | O | S(25) | Given name (Photofinish Name) |
| FamilyName | M | S(25) | Family name (Photofinish Name) |
| Element: Competition /Image /ImageData (1,1) | | | |
| Attribute | M/O | Value | Description |
| - | M | Free Text | The ImageData element has a body consisting of one Base64-encoded report (a jpeg or png file) |

Sample

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

2.2.7.5 Message Sort

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

2.2.8 Records

2.2.8.1 Description

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

Special Situations - Not Established Records:

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

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

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

2.2.8.2 Header Values

The following table describes the message header attributes.

| Attribute | Value | Comment |
|-----------------|--------------------------------|--|
| CompetitionCode | CC @Competition | Unique ID for competition |
| DocumentCode | Full RSC (Discipline Level) | RSC of the discipline |
| DocumentSubcode | CC @RecordCode | If the message is sent as a result of a record being modified (broken, equalled or re-instated) then this attribute will be included and is the Record Event for the modification. |
| DocumentType | DT_RECORD | Records message |
| DocumentSubtype | FULL, PARTIAL | Send "FULL" if all records included. Send "PARTIAL" if only one record code is included. |
| Version | 1..V | Version number associated to the message's content. Ascendant number |
| FeedFlag | "P"-Production "T"-Test | Test message or production message. |
| Date | Date | Date when the message is generated, expressed in the local time zone where the message was produced. |
| Time | Time | Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced. |
| LogicalDate | Date | Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight. If an event unit continues after midnight (24:00), all messages produced will be considered as happening at the logical date on which the event unit began (e.g. for a session which began at 21:00 on Aug 2 and ended at 1:20 on Aug 3, the message will all be dated Aug 2). The end of the logical day is defined by default at 03:00 a.m. For messages corrections, like invalidating medals or Records, it will be the LogicalDate of the day of the correction. Logical Date is expressed in the local time zone where the message was produced. |
| Source | SC @Source | Code indicating the system which generated the message. |

2.2.8.3 Trigger and Frequency

The DT_RECORD (without DocumentSubcode) message is sent as a full message (all records in a discipline) prior to the competition. Any new version of the DT_RECORD message should replace all previous record information, either for the RecordCode specified in DocumentSubcode or all if no DocumentSubcode is specified.

2.2.8.4 Message Values

| Element: ExtendedInfos /SportDescription (0,1) | | | |
|--|-----|-------|--|
| Attribute | M/O | Value | Description |
| DisciplineName | M | S(40) | Discipline name (not code) from Common Codes |

| Element: Record (1,N) | | | |
|-----------------------|-----|----------------|---|
| Attribute | M/O | Value | Description |
| Code | M | CC @RecordCode | Record code. Send all record codes in the bulk message else this must match the DocumentSubcode, that is, only one per message. |

| Element: Record /Description (1,1) | | | |
|------------------------------------|-----|-------|---|
| Attribute | M/O | Value | Description |
| Name | M | S(40) | Record description (not code) from Common Codes |

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

| Element: Record /RecordType /RecordData (0,N) | | | |
|--|------------|---|--|
| RecordData is not sent for NotEstablished Records unless a "standard" applies | | | |
| Attribute | M/O | Value | Description |
| Order | M | Numeric #0 | In the case that a record (RecordType) is provided several times in the message, then Order is the chronological order for the records (1,N). 1 will be usually the historical record and for each record broken during the competition a new order value will be provided. Usually first time the record is broken will have Order="2", second time Order="3" etc. Send 1 for records (RecordType) not shared (historical records) |
| ResultType | M | SC @ResultType | Result type, either time, distance or points for the corresponding event unit |
| Result | M | m:ss.ff or h:mm:ss or Numeric #0.00 or Numeric ###0 | The result of the competitor for the record. For distance: in metres For points (for Combined Event Units): numeric with a maximum of 4 digits |
| Unit | O | CC @Unit | The full RSC of the unit in the current competition where the record was broken. Send always (Mandatory) in the case Historical="N". |
| Country | O | CC @Country | Send always unless the record is not established. Country code where the record was broken |
| Place | O | S(40) | Send always (when known) unless the record is not established. Place (town or city) where the record was broken (example: "Salt Lake City"). |
| Date | O | YYYY-MM-DD | Send always unless the record is not established. Date when the record was broken (for the current competition, the date will be assumed to be the date scheduled for the @Unit attribute) |
| Time | O | Time | Time the record was set. Send always (Mandatory) in the case of Historical="N". |
| Equalled | O | S(1) | Send "Y" if the existing record is equalled. Do not send if the record is not equalled. |
| Competition | O | S(40) | Send the text of the competition name where the record was broken (example: "2013 World Championships", "2012 Olympic Games", etc.). |
| Historical | M | S(1) | Send "Y" if the record for competitor was not achieved during the current competition. Send "N" if the record for the competitor was achieved during the current competition. |
| Current | O | S(1) | Send "Y" in the case that this is the current record else do not send (may be multiple in the case of a shared record). |

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

RecordData is not sent for NotEstablished Records unless a "standard" applies

| Attribute | M/O | Value | Description |
|-----------------------|-----|-------|---|
| ModificationIndicator | O | S(1) | The possible values are: "N" = New broken record (not provided in a previous message) "R" = This record is re-instated/re-established as the current record in this message (following an invalidation or similar). Do not send this attribute for other records included in the message (not broken or not re-instated) |

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

| Type | Code | Pos | Description |
|------|------------------|------------|--|
| ER | COMMENT | N/A | Element Expected: Always, if available |
| | Attribute | M/O | Value |
| | Value | M | S(1) Record comment code. A for Altitude, I for Indoor or B for Both |
| ER | POSITION | N/A | Element Expected: Always, if available |
| | Attribute | M/O | Value |
| | Value | M | S(5) Position (Place/Round/Heat) obtained by the athlete Example: "3qf1", "4r1", "1s1", "1h1", "1" |
| ER | RESULT | S(2) | Pos Description: Send a number, from 1 to 10 for each phase of Combined Events Element Expected: For combined events records. |
| | Attribute | M/O | Value |
| | Value | M | m:ss.ff or Numeric #0.00 (metres) |
| ER | WIND_SPEED | N/A | Element Expected: Always, if available |
| | Attribute | M/O | Value |
| | Value | M | +/-Numeric +/-#0.0 Wind in metres per second |

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

Competitor to whom the record is assigned.

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

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

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

Competitors extended information.

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

Element: Record /RecordType /RecordData /Competitor /Composition /Athlete (1,N)

| Attribute | M/O | Value | Description |
|-----------|-----|------------------------------|---|
| Code | M | S(20) with no leading zeroes | Athlete's ID, corresponding to either a team member or an individual athlete |
| Order | M | Numeric #0 | Order attribute used to sort team members in a team if Competitor @Type="T" or 1 if Competitor @Type="A". |

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

Athletes extended information.

| Attribute | M/O | Value | Description |
|-----------------|-----|-----------------------------|---|
| GivenName | O | S(25) | Given name in WNPA format (mixed case) |
| FamilyName | M | S(25) | Family name in WNPA format (mixed case) |
| Gender | M | CC @PersonGender | Gender of the athlete |
| Organisation | M | CC @Organisation | Athletes' organisation |
| BirthDate | O | Date | Birth date (example: YYYY-MM-DD). Must include if the data is available |
| IFId | O | S(16) | International Federation ID |
| Class | O | CC @SportClass | Code to identify the sport class in the case of events with athletes with a disability (e.g: Paralympic Games). |
| GuideID | O | S(20) without leading zeros | ID of the Guide |
| GuideFamilyName | O | S(25) | Family Name of the athlete's guide (mixed case) |
| GuideGivenName | O | S(25) | Given Name of the athlete's guide (mixed case) |

2.2.8.5 Message Sort

The following order applies:



INTERNATIONAL
OLYMPIC
COMMITTEE

ODF R-SOG-2020-ATH V1.7 APP

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

2.2.9 Event Final Ranking

2.2.9.1 Description

The event final ranking is a message containing the final results and ranking at the completion of one particular event, either for individual athletes or for aggregated athletes.

The final ranking message is a generic message for all sports, including the full event final result for all competitors who were either ranked, got an Invalid Rank Mark (disqualified, etc.), or both.

2.2.9.2 Header Values

The following table describes the message header attributes.

| Attribute | Value | Comment |
|-----------------|----------------------------|--|
| CompetitionCode | CC @Competition | Unique ID for competition |
| DocumentCode | Full RSC of the Event | |
| DocumentType | DT_RANKING | Event Final ranking message |
| Version | 1..V | Version number associated to the message's content. Ascendant number |
| ResultStatus | SC @ResultStatus | Result status, indicates whether the data is official or partial. OFFICIAL |
| FeedFlag | "P"-Production "T"-Test | Test message or production message. |
| Date | Date | Date when the message is generated, expressed in the local time zone where the message was produced. |
| Time | Time | Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced. |
| LogicalDate | Date | Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight. If an event unit continues after midnight (24:00), all messages produced will be considered as happening at the logical date on which the event unit began (e.g. for a session which began at 21:00 on Aug 2 and ended at 1:20 on Aug 3, the message will all be dated Aug 2). The end of the logical day is defined by default at 03:00 a.m. For messages corrections, like invalidating medals or Records, it will be the LogicalDate of the day of the correction. Logical Date is expressed in the local time zone where the message was produced. |
| Source | SC @Source | Code indicating the system which generated the message. |

2.2.9.3 Trigger and Frequency

This message is only triggered after a unit which affects the final ranking is official and that particular ranking is not subject to change or some ranking in that unit are not subject to change.

Trigger also after any change.

2.2.9.4 Message Values

Element: ExtendedInfos /SportDescription (0,1)

Sport Description in text

| Attribute | M/O | Value | Description |
|----------------|-----|----------------------|---|
| DisciplineName | M | S(40) | Discipline name (not code) from Common Codes |
| EventName | M | S(40) | Event name (not code) from Common Codes. Must be included if it is a single event |
| Gender | M | CC @DisciplineGender | Gender code for the event unit. Must be included if it is a single gender |

Element: ExtendedInfos /VenueDescription (0,1)

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

Element: Result (1,N)

For any event final ranking message, there should be at least one competitor being awarded a result for the event.

| Attribute | M/O | Value | Description |
|-----------|-----|---------|--|
| Rank | O | Text | Final rank of the competitor in the corresponding event. |
| RankEqual | O | S(1) | Identifies if a rank has been equalled. Send Y if applicable |
| IRM | O | SC @IRM | The invalid rank mark, send if applicable. |
| SortOrder | M | Numeric | This attribute is a sequential number with the order of the results for the particular event, if they were to be presented. It is mostly based on the rank, but it should be used to sort out rank ties as well as results without rank. |

Element: Result /Competitor (1,1)

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

| Element: Result /Competitor /Description (0,1) Used in Team events only | | | |
|--|-----|------------------------------|---|
| Attribute | M/O | Value | Description |
| TeamName | M | S(73) | Name of the team |
| Element: Result /Competitor /Composition /Athlete (1,N) | | | |
| Attribute | M/O | Value | Description |
| Code | M | S(20) with no leading zeroes | Athlete's ID |
| Order | M | Numeric | Order attribute. Send 1 when Competitor @Type="A". |
| Bib | O | S(4) | Bib |

| Element: Result /Competitor /Composition /Athlete /Description (1,1) | | | |
|--|-----|-----------------------------|---|
| Attribute | M/O | Value | Description |
| GivenName | O | S(25) | Given name in WNPA format (mixed case) |
| FamilyName | M | S(25) | Family name in WNPA format (mixed case) |
| Gender | M | CC @PersonGender | Gender of the athlete |
| Organisation | M | CC @Organisation | Athletes' organisation |
| BirthDate | O | Date | Birth date (example: YYYY-MM-DD). Must include if the data is available |
| Class | O | CC @SportClass | Code to identify the sport class in the case of events with athletes with a disability (e.g: Paralympic Games). |
| GuideID | O | S(20) without leading zeros | ID of the Guide |
| GuideFamilyName | O | S(25) | Family Name of the athlete's guide (mixed case) |
| GuideGivenName | O | S(25) | Given Name of the athlete's guide (mixed case) |
| IFId | O | S(16) | International Federation ID |

2.2.9.5 Message Sort

Sort by Result @SortOrder

2.2.10 Configuration

2.2.10.1 Description

The Configuration is a message containing general configuration.

Send before the competition for each phase in separate messages.

2.2.10.2 Header Values

The following table describes the message header attributes.

| Attribute | Value | Comment |
|-----------------|----------------------------|--|
| CompetitionCode | CC @Competition | Unique ID for competition |
| DocumentCode | Full RSC | Sent this message for each Phase. |
| DocumentType | DT_CONFIG | Configuration message |
| Version | 1..V | Version number associated to the message's content. Ascendant number |
| FeedFlag | "P"-Production "T"-Test | Test message or production message. |
| Date | Date | Date when the message is generated, expressed in the local time zone where the message was produced. |
| Time | Time | Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced. |
| LogicalDate | Date | Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight. If an event unit continues after midnight (24:00), all messages produced will be considered as happening at the logical date on which the event unit began (e.g. for a session which began at 21:00 on Aug 2 and ended at 1:20 on Aug 3, the message will all be dated Aug 2). The end of the logical day is defined by default at 03:00 a.m. For messages corrections, like invalidating medals or Records, it will be the LogicalDate of the day of the correction. Logical Date is expressed in the local time zone where the message was produced. |
| Source | SC @Source | Code indicating the system which generated the message. |

2.2.10.3 Trigger and Frequency

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

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

2.2.10.4 Message Values

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

Sample

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

2.2.10.5 Message Sort

There is no message sorting rule.

2.2.11 Event Unit Weather conditions

2.2.11.1 Description

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

2.2.11.2 Header Values

The following table describes the message header attributes.

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

2.2.11.3 Trigger and Frequency

The message is sent once for the unit unless there is a large change in the conditions.

2.2.11.4 Message Values

| Element: Weather /Conditions (1,N) | | | |
|------------------------------------|-----|-------------------|---|
| Attribute | M/O | Value | Description |
| Code | M | GSC @WeatherPoint | GEN for general, because this information will only be measured once. |
| Humidity | O | Numeric ##0 | Humidity in % |

| Element: Weather /Conditions /Condition (0,3) | | | |
|---|-----|---------------------------|--|
| Attribute | M/O | Value | Description |
| Code | M | SKY | Weather conditions type |
| Value | M | CC @WeatherConditions | Codes that describe the Weather Conditions. |
| Element: Weather /Conditions /Temperature (0,N) | | | |
| Send with three different @Code in the case of Winter conditions. | | | |
| Attribute | M/O | Value | Description |
| Code | M | AIR | Air temperature |
| Unit | M | SC @TemperatureUnit | Metric system unit for temperature |
| Value | M | Numeric ##0.0 or -#0.0 | Temperature in centigrade degrees (in case of positive temperature, do not send '+') |

2.2.11.5 Message Sort

There is no special sort order requirement for this message.

3 Document Control

| Version history | | |
|-----------------|------------------|---------------|
| Version | Date | Comments |
| v1.0 | 30 Nov 2016 | First version |
| V1.1 | 23 Nov 2016 | Updated |
| V1.2 | 9 Jan 2017 | Updated |
| V1.3 | 2 March 2017 | Updated |
| V1.4 | 17 May 2017 | Updated |
| V1.5 | 25 Aug 2017 | Updated |
| V1.6 | 4 Dec 2017 | Updated |
| V1.7 | 20 February 2018 | Updated |

File Reference: ODF R-SOG-2020-ATH V1.7 APP

| Change Log | | |
|------------|--------|---|
| Version | Status | Changes on version |
| v1.0 | SFR | First version |
| V1.1 | SFR | Add combined events points in phase results |
| V1.2 | SFA | DT_PARTIC: added note re IFId that this could be from the IPC or IAAF depending on the athlete. DT_RESULT: added a note that RUNWAY_SPEED and STEP are only available if the data is collected. DT_RESULT_ANALYSIS: Changed time format for intermediate points to single decimal DT_CUMULATIVE_RESULT: Change triggering for field events in combined to be LIVE. DT_CONFIG: Corrected triggering to be by phase. 1.4 Updated the variations for the Commonwealth Games. |
| 1.3 | APP | DT_RESULT: Remove StartListMod in the header DT_IMAGE: Additional elements and attributes added. |
| 1.4 | APP | 1.4: Note that QUAL_BEST is not used. |
| 1.5 | APP | Added support for YOG |
| 1.6 | APP | Typographical corrections |
| 1.7 | APP | DT_PARTIC: Updated to add Passport names (CR15219) DT_RESULT: Noted that intermediate point in relays is leg number. DT_RESULT: Added missing (in error) extensions in Athlete/ExtendedResults DT_RESULT: Added intermediate point value for all participants where INTERMEDIATE is used. DT_CONFIG: Correction to be clear this message is sent at phase level. DT_RESULT_ANALYSIS: Change triggering to only send at the end of the unit. Minor typographical corrections without changing the meaning. DT_PARTIC: Updated to add Passport names (CR15219) Removed reference to 2018 Commonwealth Games |