

# Olympic Data Feed

**Sport Climbing**  
**ODF Data Dictionary**  
Technology and Information Department  
© International Olympic Committee

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## 1 Introduction

### 1.1 This document

This document includes the ODF Sport Climbing Data Dictionary. This Data Dictionary refines the messages described in the ODF General Messages Interface Document specifically for this discipline.

### 1.2 Objective

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

### 1.3 Main Audience

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

### 1.4 Glossary

The following abbreviations are used in this document.

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

## 1.5 Related Documents

| Document Title                 | Document Description  |
|--------------------------------|---|
| ODF Foundation Principles      | The document explains the environment & general principles for ODF                        |
| ODF General Messages Interface | The document describes the ODF General Messages   |
| Common Codes                   | The document describes the ODF Common codes   |
| ODF Header Values              | The document details the header values which shows which RSCs are used in which messages. |
| ORIS Sports Document           | The document details the sport specific requirements                                      |

## 2 Messages

### 2.1 Sport Climbing Overview

### 2.2 Applicable Messages

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

- 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 follows the general definition rules.
- Message responsibilities appears in the ODF General Document.

| Message Type                      | Message Name   | Message<br>extended |
|-----------------------------------|--|---------------------|
| DT_SCHEDULE<br>DT_SCHEDULE_UPDATE | / Competition schedule / Competition schedule update                           |                     |
| DT_PARTIC / DT_PARTIC_UPDATE      | List of participants by discipline / List of participants by discipline update | X                   |
| DT_PARTIC_NAME                    | Participant Names  |                     |
| DT_RESULT                         | Event Unit Start List and Results  | X                   |
| DT_CUMULATIVE_RESULT              | Cumulative Results   | X                   |
| DT_BRACKETS                       | Brackets   | X                   |
| DT_RECORD                         | Records  | X                   |
| DT_RANKING                        | Event Final Ranking  | X                   |
| DT_MEDALLISTS                     | Event's Medallists   |                     |
| DT_MEDALLISTS_DISCIPLINE          | Medallists by discipline   |                     |
| DT_MEDALS                         | Medal standings  |                     |
| DT_CONFIG                         | Configuration  | X                   |
| DT_COMMUNICATION                  | Communication  |                     |
| DT_LOCAL_ON                       | Discipline/venue start transmission  |                     |

|              |                                    |  |
|--------------|------------------------------------|--|
| DT_LOCAL_OFF | Discipline/venue stop transmission |  |
| DT_KA        | Keep Alive                         |  |

## 2.3 Messages

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

#### 2.3.1.1 Description

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

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

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

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

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

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

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

#### 2.3.1.2 Header Values

The following table describes the message header attributes.

| Attribute       | Value                         | Comment  |
|-----------------|-------------------------------|--|
| CompetitionCode | CC @Competition               | Unique ID for competition  |
| DocumentCode    | CC @Discipline                | Full RSC at the discipline level                                     |
| DocumentType    | DT_PARTIC<br>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                | Test message or production message.                                  |

|             | "T"-Test   |   |
|-------------|------------|---|
| Date        | Date       | Date when the message is generated, expressed in the local time zone where the message was produced.  |
| Time        | Time       | Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced.   |
| LogicalDate | Date       | Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight. See full explanation in ODF Foundation. |
| Source      | SC @Source | Code indicating the system which generated the message.   |

### 2.3.1.3 Trigger and Frequency

The DT\_PARTIC message is sent as a bulk message prior to the Games. It is sent several times up to the date of transfer of control to OVR after which only DT\_PARTIC\_UPDATE messages are sent.

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

### 2.3.1.4 Message Structure

The following table defines the structure of the message.

| Level 1           | Level 2           | Level 3            | Level 4 | Level 5 | Level 6 |
|-------------------|-------------------|--------------------|---------|---------|---------|
| Competition (0,1) |                   |                    |         |         |         |
|                   | Gen               |                    |         |         |         |
|                   | Sport             |                    |         |         |         |
|                   | Codes             |                    |         |         |         |
|                   | Participant (1,N) |                    |         |         |         |
|                   |                   | Code               |         |         |         |
|                   |                   | Parent             |         |         |         |
|                   |                   | Status             |         |         |         |
|                   |                   | GivenName          |         |         |         |
|                   |                   | FamilyName         |         |         |         |
|                   |                   | PassportGivenName  |         |         |         |
|                   |                   | PassportFamilyName |         |         |         |
|                   |                   | PrintName          |         |         |         |
|                   |                   | PrintInitialName   |         |         |         |
|                   |                   | TVName             |         |         |         |
|                   |                   | TVInitialName      |         |         |         |
|                   |                   | TVFamilyName       |         |         |         |
|                   |                   | LocalFamilyName    |         |         |         |
|                   |                   | LocalGivenName     |         |         |         |
|                   |                   | Gender             |         |         |         |
|                   |                   | Organisation       |         |         |         |
|                   |                   | BirthDate          |         |         |         |

|  |                       |
|--|-----------------------|
|  | Height                |
|  | Weight                |
|  | PlaceofBirth          |
|  | CountryofBirth        |
|  | PlaceofResidence      |
|  | CountryofResidence    |
|  | Nationality           |
|  | MainFunctionId        |
|  | Current               |
|  | OlympicSolidarity     |
|  | ModificationIndicator |
|  | Discipline (1,1)      |
|  | Code                  |
|  | IFId                  |
|  | RegisteredEvent (0,N) |
|  | Event                 |
|  | Bib                   |
|  | Substitute            |
|  | EventEntry (0,N)      |
|  | Type                  |
|  | Code                  |
|  | Pos                   |
|  | Value                 |

### 2.3.1.5 Message Values

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

#### Sample (General)

<Competition Gen="SOG-2020-1.10" Sport="SOG-2020-CLB-1.10" Codes="SOG-2020-1.20" >

| Element: Competition /Participant (1,N) |     |                              |   |
|---|-----|------------------------------|---|
| Attribute                               | M/O | Value                        | Description   |
| Code                                    | M   | S(20) with no leading zeroes | Participant's ID.<br><br>It identifies an athlete or an official and the holding participant's valid information for one particular period of time. |



|                    |   |                              |  |
|--------------------|---|------------------------------|--|
|                    |   |                              | <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)  |
| PrintInitialName   | M | S(18)                        | Print Initial name (for the given name it is sent just the initial, without dot)   |
| TVName             | M | S(35)                        | TV name  |
| TVInitialName      | M | S(18)                        | TV initial name  |
| TVFamilyName       | M | S(25)                        | TV family name   |
| LocalFamilyName    | O | S(25)                        | Family name in the local language in the appropriate case for the local language (usually mixed case)  |
| LocalGivenName     | O | S(25)                        | Given name in the local language in the appropriate case for the local language (usually mixed case)   |
| Gender             | M | CC @PersonGender             | Participant's gender   |
| Organisation       | M | CC @Organisation             | Organisation ID  |
| BirthDate          | O | YYYY-MM-DD                   | Date of birth. This information may not be known at the very beginning, but it will be completed for all participants after successive updates   |
| Height             | O | S(3)                         | Height in centimetres. It will be included if this information is available. This information is not needed in the case of officials/referees.   |

|                       |   |                     |   |
|-----------------------|---|---------------------|---|
|                       |   |                     | "-" may be used where the data is not available.  |
| Weight                | O | S(3)                | Weight in kilograms. It will be included if this information is available. This information is not needed in the case of officials/referees. Do not send attribute if data not available.   |
| PlaceOfBirth          | O | S(75)               | Place of Birth  |
| CountryOfBirth        | O | CC @Country         | Country ID of Birth   |
| PlaceOfResidence      | O | S(75)               | Place of Residence  |
| CountryOfResidence    | O | CC @Country         | Country ID of Residence   |
| Nationality           | O | CC @Country         | Participant's nationality.<br><br>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<br><br>In the Case of Current="true" this attribute is Mandatory.   |
| Current               | M | boolean             | It defines if a participant is participating in the games (true) or is a Historical participant (false).  |
| OlympicSolidarity     | O | S(1)                | Send Y if the participant is a member of the Solidarity / Scholarship Program else not sent.  |
| ModificationIndicator | M | S(1)                | 'N' or 'U'<br>Attribute is mandatory in the DT_PARTIC_UPDATE message only<br><br>N-New participant (in the case that this information comes as a late entry)<br>U-Update participant<br><br>If ModificationIndicator='N', then include new participant to the previous bulk-loaded list of participants<br><br>If ModificationIndicator='U', then update the participant to the previous bulk-loaded list of participants<br><br>To delete a participant, a specific value of the Status attribute is used. |

**Element: Competition /Participant /Discipline (1,1)**

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

| Attribute | M/O | Value          | Description  |
|-----------|-----|----------------|--|
| Code      | M   | CC @Discipline | Full RSC of the Discipline.<br>It is the discipline code used to fill the OdfBody @DocumentCode attribute. |
| IFId      | O   | S(16)          | Competitor's federation number for the corresponding discipline.   |

**Element: Competition /Participant /Discipline /RegisteredEvent (0,N)**

All accredited athletes will be assigned to one or more events. There is one exception: in some sports, substitutes may be accredited without any associated event. Historical athletes are not registered to any event.

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

|            |   |      |   |
|------------|---|------|---|
| Bib        | O | S(4) | Bib number, only available in the UPDATE message.<br>Send only in the Case of Current="true". |
| Substitute | O | S(1) | Substitute information.<br>Send "Y" if substitute else do not send.                           |

| Element: Competition /Participant /Discipline /RegisteredEvent /EventEntry (0,N) |                  |            |  |                    |
|--|------------------|------------|--|--------------------|
| Send if there are specific athlete's event entries.                              |                  |            |  |                    |
| Type   | Code             | Pos        | Description  |                    |
| ENTRY  | SEED             | N/A        | Element Expected:<br>When data available (only expected in the update message)               |                    |
|  | <b>Attribute</b> | <b>M/O</b> | <b>Value</b>   | <b>Description</b> |
|  | Value            | M          | Numeric #0   | Olympic Seed       |
| ENTRY  | QUAL_TYPE        | N/A        | Element Expected:<br>When data is available. (this information can be sent in both messages) |                    |
|  | <b>Attribute</b> | <b>M/O</b> | <b>Value</b>   | <b>Description</b> |
|  | Value            | M          | SC @QualifyingType   | Qualifying Type    |
| ENTRY  | QUAL_RANK        | N/A        | Element Expected:<br>When data is available. (this information can be sent in both messages) |                    |
|  | <b>Attribute</b> | <b>M/O</b> | <b>Value</b>   | <b>Description</b> |
|  | Value            | M          | S(4)   | Qualifying Ranking |

### 2.3.1.6 Message Sort

The message is sorted by Participant @Code

## 2.3.2 Event Unit Start List and Results

### 2.3.2.1 Description

The Event Unit Start List and Results is a message containing both the start list and results information of the competitors in one 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.

### 2.3.2.2 Header Values

The following table describes the message header attributes.

| Attribute       | Value                      | Comment  |
|-----------------|----------------------------|--|
| CompetitionCode | CC @Competition            | Unique ID for competition  |
| DocumentCode    | CC @Unit                   | Sent according to the ODF Common Codes document (header values) with one message per unit.   |
| DocumentSubcode | N/A                        | Not used in CLB  |
| DocumentType    | DT_RESULT                  | Event Unit Start List and Results message  |
| DocumentSubtype | N/A                        | Not used in CLB  |
| 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).<br>START_LIST (as soon as the start list is known and with any changes / IRMs before the start)<br>LIVE (used during the competition when nothing else applies)<br>INTERMEDIATE (used after the competition has started and is not finished but not currently live)<br>UNOFFICIAL<br>OFFICIAL |
| FeedFlag        | "P"-Production<br>"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.<br>See full explanation in ODF Foundation.   |
| Source          | SC @Source                 | Code indicating the system which generated the message.  |

### 2.3.2.3 Trigger and Frequency

This message is sent with ResultStatus 'START\_LIST' as soon as the expected information is available and any changes to the information. Possible information is:

\* As soon as the start list is available and any changes [inc. IRMs] (START\_LIST)

This message is then sent with ResultStatus 'LIVE' as soon as the unit starts and continues to be triggered on all updates. The message is also sent with ResultStatus 'UNCONFIRMED' when the competition finishes if not yet OFFICIAL.

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.

\* After the race is finished (UNOFFICIAL / OFFICIAL)

Trigger also after any change.

### 2.3.2.4 Message Structure

The following table defines the structure of the message.

| Level 1           | Level 2             | Level 3                | Level 4         | Level 5 | Level 6 | Level 7 |
|-------------------|---------------------|------------------------|-----------------|---------|---------|---------|
| Competition (0,1) |                     |                        |                 |         |         |         |
|                   | Gen                 |                        |                 |         |         |         |
|                   | Sport               |                        |                 |         |         |         |
|                   | Codes               |                        |                 |         |         |         |
|                   | ExtendedInfos (0,1) |                        |                 |         |         |         |
|                   |                     | UnitDateTime (0,1)     |                 |         |         |         |
|                   |                     |                        | StartDate       |         |         |         |
|                   |                     | ExtendedInfo (0,N)     |                 |         |         |         |
|                   |                     |                        | Type            |         |         |         |
|                   |                     |                        | Code            |         |         |         |
|                   |                     |                        | Pos             |         |         |         |
|                   |                     |                        | Value           |         |         |         |
|                   |                     |                        | Extension (0,N) |         |         |         |
|                   |                     | SportDescription (0,1) |                 |         |         |         |
|                   |                     |                        | DisciplineName  |         |         |         |
|                   |                     |                        | EventName       |         |         |         |
|                   |                     |                        | Gender          |         |         |         |
|                   |                     |                        | SubEventName    |         |         |         |
|                   |                     | VenueDescription (0,1) |                 |         |         |         |
|                   |                     |                        | Venue           |         |         |         |
|                   |                     |                        | VenueName       |         |         |         |
|                   |                     |                        | Location        |         |         |         |
|                   |                     |                        | LocationName    |         |         |         |
|                   | Result (1,N)        |                        |                 |         |         |         |
|                   |                     | Rank                   |                 |         |         |         |
|                   |                     | RankEqual              |                 |         |         |         |
|                   |                     | Result                 |                 |         |         |         |
|                   |                     | IRM                    |                 |         |         |         |
|                   |                     | SortOrder              |                 |         |         |         |

|  |                        |  |
|--|------------------------|--|
|  | StartOrder             |  |
|  | StartSortOrder         |  |
|  | ResultType             |  |
|  | ExtendedResults (0,1)  |  |
|  | ExtendedResult (1,N)   |  |
|  | Type                   |  |
|  | Code                   |  |
|  | Pos                    |  |
|  | Value                  |  |
|  | IRM                    |  |
|  | Extension (0,N)        |  |
|  | RecordIndicators (0,1) |  |
|  | RecordIndicator (1,N)  |  |
|  | Order                  |  |
|  | Code                   |  |
|  | RecordType             |  |
|  | Equalled               |  |
|  | Competitor (1,1)       |  |
|  | Code                   |  |
|  | Type                   |  |
|  | Organisation           |  |
|  | Composition (0,1)      |  |
|  | Athlete (0,N)          |  |
|  | Code                   |  |
|  | Order                  |  |
|  | Bib                    |  |
|  | Description (1,1)      |  |
|  | GivenName              |  |
|  | FamilyName             |  |
|  | Gender                 |  |
|  | Organisation           |  |
|  | BirthDate              |  |
|  | IFld                   |  |
|  | EventUnitEntry (0,N)   |  |
|  | Type                   |  |
|  | Code                   |  |
|  | Pos                    |  |
|  | Value                  |  |

### 2.3.2.5 Message Values

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

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

| Element: Competition /ExtendedInfos /ExtendedInfo (0,N)                                      |         |               |   |  |
|--|---------|---------------|---|--|
| Type   | Code    | Pos           | Description   |  |
| SPEED  | HEAT    | Numeric<br>#0 | Pos Description:<br>Sequential number in the message to differentiate TYPE/CODE                     |  |
|  |         |               | Element Expected:<br>Always in Speed  |  |
|  |         |               | Attribute   | Description  |
|  |         |               | Value   | Send the heat number in qualification or the round in the finals (QFNL1, QFNL2, ... )<br>or<br>SC @Round   |
| Sub Element: Competition /ExtendedInfos /ExtendedInfo /Extension<br>Expected Always in Speed |         |               |   |  |
|  |         |               | Attribute   | Description  |
|  |         |               | Code  | ID   |
|  |         |               | Pos   | Numeric<br>0<br>Position of the competitor in the heat 1 or 2<br>In Qualification 1 = Lane A, 2 = Lane B<br>In Finals 1 is the first competitor in the bracket and 2 is the second competitor in the bracket.        |
|  |         |               | Value   | S(20) with no leading zeroes<br>Competitor's ID (to identify an athlete) that competes in this heat.   |
| DISPLAY  | CURRENT | Numeric<br>0  | Pos Description:<br>Send the boulder number in bouldering.<br><b>Send the route number in lead.</b> |  |
|  |         |               | Element Expected:<br>In all units for the current round or competitor                               |  |
|  |         |               | Attribute   | Description  |
|  |         |               | Value   | Numeric<br>##0<br>or<br>SC @Round<br>or<br>S(20)<br>In speed send the current heat number in qualification or the round in the finals (QFNL1, QFNL2, ... )<br>In bouldering and lead send the current competitor ID. |

| Sub Element: Competition /ExtendedInfos /ExtendedInfo /Extension<br>Expected Always in Bouldering and Lead |  |                 |  |   |
|--|--|-----------------|--|---|
| Attribute  |  | Value           | Description                                      |   |
| Code   |  | GROUP           |  |   |
| Pos  |  | Numeric<br>0    | Group number                                     |   |
| DISPLAY  |  | NEXT            | Numeric<br>0                                     | Pos Description:<br>Send the boulder number in bouldering.<br>Send the route number in lead.<br><br>Element Expected:<br>In all units for the current round or competitor |
| Attribute  |  | M/O             | Value  | Description   |
| Value  |  | M               | Numeric<br>##0<br>or<br>SC @Round<br>or<br>S(20) | Send the next heat number in qualification or the round in the finals (QFNL1, QFNL2, ... )<br>In bouldering and lead send the next competitor ID.                         |
| Sub Element: Competition /ExtendedInfos /ExtendedInfo /Extension<br>Expected Always in Bouldering and Lead |  |                 |  |   |
| Attribute  |  | Value           | Description                                      |   |
| Code   |  | GROUP           |  |   |
| Pos  |  | Numeric<br>0    | Group number                                     |   |
| DISPLAY  |  | LAST_COMP       | Numeric<br>0                                     | Pos Description:<br>Send the boulder number in bouldering.<br>Send the route number in lead.<br><br>Element Expected:<br>In all units for the current round or competitor |
| Attribute  |  | M/O             | Value  | Description   |
| Value  |  | M               | Numeric<br>##0<br>or<br>SC @Round<br>or<br>S(20) | Send the last completed heat number in qualification or the round in the finals (QFNL1, QFNL2, ... )<br>In bouldering and lead send the last scored competitor ID.        |
| Sub Element: Competition /ExtendedInfos /ExtendedInfo /Extension<br>Expected Always in Bouldering and Lead |  |                 |  |   |
| Attribute  |  | Value           | Description                                      |   |
| Code   |  | GROUP           |  |   |
| Pos  |  | Numeric<br>0    | Group number                                     |   |
| UI   |  | ISOLATION_OPEN  | N/A  | Element Expected:<br>Always in Bouldering and Lead, when applicable in Speed.   |
| Attribute  |  | M/O             | Value  | Description   |
| Value  |  | M               | hh:mm  | Send the isolation opening time.  |
| UI   |  | ISOLATION_CLOSE | N/A  | Element Expected:   |



|    |           |              |       | Always in Bouldering and Lead, when applicable in Speed. |
|----|-----------|--------------|-------|--|
|    | Attribute | M/O          | Value | Description  |
|    | Value     | M            | hh:mm | Send the isolation closing time.                         |
| UI |           | OBSERVE_TIME | N/A   | Element Expected:<br>In Lead and Bouldering Final.       |
|    | Attribute | M/O          | Value | Description  |
|    | Value     | M            | m:ss  | Send the allowed observation time.                       |
| UI |           | CLIMB_TIME   | N/A   | Element Expected:<br>In Lead and Bouldering.             |
|    | Attribute | M/O          | Value | Description  |
|    | Value     | M            | m:ss  | Send the allowed climbing time.                          |

### Sample (Speed Qualification)

```
<ExtendedInfos>
  <UnitDateTime StartDate="2012-08-07T11:01:00+01:00" />
  <ExtendedInfo Type="UI" Code="ISOLATION_OPEN" Value="17:00" />
  <ExtendedInfo Type="UI" Code="ISOLATION_CLOSE" Value="18:00" />
  <ExtendedInfo Type="DISPLAY" Code="CURRENT" Value="3" />
  <ExtendedInfo Type="SPEED" Code="HEAT" Pos="1" Value="1" />
  <Extension Code="ID" Pos="1" Value="1123054" />
  <Extension Code="ID" Pos="2" Value="1056610" />
</ExtendedInfo>
  <ExtendedInfo Type="SPEED" Code="HEAT" Pos="2" Value="2" />
  <Extension Code="ID" Pos="1" Value="1086721" />
  <Extension Code="ID" Pos="2" Value="1123054" />
</ExtendedInfo>
  <ExtendedInfo Type="SPEED" Code="HEAT" Pos="3" Value="3" />
  <Extension Code="ID" Pos="1" Value="1066055" />
  <Extension Code="ID" Pos="2" Value="1086721" />
</ExtendedInfo>
  ...
  <ExtendedInfo Type="SPEED" Code="HEAT" Pos="20" Value="20" />
  <Extension Code="ID" Pos="1" Value="1100005" />
  <Extension Code="ID" Pos="2" Value="1100025" />
</ExtendedInfo>
  <ExtendedInfo Type="UI" Code="ISOLATION_OPEN" Value="9:00" />
  <ExtendedInfo Type="UI" Code="ISOLATION_CLOSE" Value="10:00" />
  ...
</ExtendedInfos>
```

#### Element: Competition /ExtendedInfos /SportDescription (0,1)

##### Sport Descriptions in Text.

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

#### Element: Competition /ExtendedInfos /VenueDescription (0,1)

##### Venue Names in Text.

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

**Element: Competition /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 (Y). Only send if applicable.   |
| Result         | O   | Numeric<br>#0.00<br>S(20) in bouldering | The result of the competitor in the event unit.<br><br>This is the points scored in the unit which is carried to the cumulative score.<br>Send just in the case @ResultType is POINTS.   |
| IRM            | O   | SC @IRM                                 | The invalid result mark, in case it is assigned for the particular event unit.<br>Send just in the case @ResultType is IRM.  |
| SortOrder      | M   | Numeric                                 | Used to sort all the results of an event unit<br><br>This attribute is a sequential number with the order of the results for the particular event unit, if they were to be presented. It is mostly based on the rank, but it should be used to sort out rank ties as well as results without rank.<br><br>Before the start it is the same as the StartSortOrder. |
| StartOrder     | O   | Numeric                                 | The order at the start of the unit.<br><br>In Speed use the reverse order of bib.<br>In Bouldering and Lead it is the order on the start list.   |
| StartSortOrder | M   | Numeric                                 | Used to sort all start list competitors in an event unit, according to the sport rules.<br><br>In Speed use the reverse order of bib.<br>In Bouldering and Lead it is the order on the start list.   |
| ResultType     | O   | SC @ResultType                          | Type of the @Result attribute.   |

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

| Type      | Code | Pos                       | Description  |
|-----------|------|---------------------------|--|
| ER        | TIME | Numeric<br>0              | Pos Description:<br>Only in Lead. Send the route number<br><br>Element Expected:<br>In Lead and qualification in Speed |
| Attribute | M/O  | Value                     | Description  |
| Value     | O    | s.ff<br>or<br>s.fff<br>or | Fastest time in Speed<br>Time in Lead  |

|   |                  |                                      |   |  |
|---|------------------|--------------------------------------|---|--|
|   |                  |                                      | m:ss (lead)   |  |
|   | IRM              | O                                    | SC @IRM   | Send appropriate IRM code if applicable  |
| <b>Sub Element: Competition /Result /ExtendedResults /ExtendedResult /Extension Expected In Speed qualification</b> |                  |                                      |   |  |
|   | <b>Attribute</b> | <b>Value</b>                         | <b>Description</b>                                      |  |
|   | Code             | LANE                                 |   |  |
|   | Pos              | S(1)                                 | Code to indicate the lane, A or B                       |  |
|   | Value            | s.ff<br>or<br>s.fff<br>or<br>SC @IRM | Time of the competitor in the corresponding lane or IRM |  |
| ER  |                  | POINTS                               | Numeric<br>0  | Pos Description:<br>Send the route or boulder number<br><br>Element Expected:<br>In Combined   |
|   | <b>Attribute</b> | <b>M/O</b>                           | <b>Value</b>  | <b>Description</b>   |
|   | Value            | M                                    | Numeric<br>#0.0   | Points   |
| ER  |                  | YC                                   | N/A   | Element Expected:<br>If applicable   |
|   | <b>Attribute</b> | <b>M/O</b>                           | <b>Value</b>  | <b>Description</b>   |
|   | Value            | M                                    | S(1)  | Send Y is yellow card given.   |
| LEAD  |                  | HOLD                                 | Numeric<br>0  | Pos Description:<br>Send the route number<br><br>Element Expected:<br>In Lead  |
|   | <b>Attribute</b> | <b>M/O</b>                           | <b>Value</b>  | <b>Description</b>   |
|   | Value            | M                                    | S(10)   | Highest hold reached   |
|   | Rank             | O                                    | Text  | Rank of the competitor in the corresponding route.   |
|   | RankEqual        | O                                    | S(1)  | Identifies if a rank has been equalled (Y). Only send if applicable.   |
|   | SortOrder        | M                                    | Numeric   | Used to sort all the results in a route<br><br>This attribute is a sequential number with the order of the results for the particular event unit, if they were to be presented. It is mostly based on the rank, but it should be used to sort out rank ties as well as results without rank.<br><br>Before the start it is the same as the StartSortOrder. |
|   | ResultType       | O                                    | SC @ResultType  | Type of the @Value attribute.  |
|   | StartOrder       | O                                    | Numeric   | The order at the start in this route.  |
|   | StartSortOrder   | M                                    | Numeric   | Used to sort all start list competitors in a route, according to the sport rules.  |
| BOULDER   |                  | RESULT                               | Numeric   | Pos Description:   |

|  |                 | 0   | Send the group number in bouldering. |
|--|-----------------|---|--------------------------------------|
|  |                 |   | Element Expected:<br>In Bouldering   |
| Attribute  | M/O             | Value   | Description                          |
| Value  | M               | S(10)   | Bouldering result                    |
| Sub Element: Competition /Result /ExtendedResults /ExtendedResult /Extension<br>Expected In Bouldering       |                 |   |                                      |
| Attribute  | Value           | Description   |                                      |
| Code   | ATTEMPTS        |   |                                      |
| Pos  | N/A             |   |                                      |
| Value  | Numeric<br>#0   | Number of attempts  |                                      |
| Sub Element: Competition /Result /ExtendedResults /ExtendedResult /Extension<br>Expected In Bouldering       |                 |   |                                      |
| Attribute  | Value           | Description   |                                      |
| Code   | ATTEMPTS_ZONE   |   |                                      |
| Pos  | N/A             |   |                                      |
| Value  | Numeric<br>#0   | Number of attempts to zone                                  |                                      |
| Sub Element: Competition /Result /ExtendedResults /ExtendedResult /Extension<br>Expected In Combined Boulder |                 |   |                                      |
| Attribute  | Value           | Description   |                                      |
| Code   | POINTS          |   |                                      |
| Pos  | Numeric<br>#0   | Boulder number, 1, 2 ... following the number in DT_CONFIG. |                                      |
| Value  | Numeric<br>#0.0 | Points for this boulder                                     |                                      |
| Sub Element: Competition /Result /ExtendedResults /ExtendedResult /Extension<br>Expected In Bouldering       |                 |   |                                      |
| Attribute  | Value           | Description   |                                      |
| Code   | BOULDER         |   |                                      |
| Pos  | Numeric<br>#0   | Boulder number, 1, 2 ... following the number in DT_CONFIG. |                                      |
| Value  | S(10)           | Result for this boulder                                     |                                      |

### Sample (Speed Qualification)

```
<Result Rank="1" Result="1.00" SortOrder="1" StartOrder="2" StartSortOrder="2" ResultType="POINTS">
  <ExtendedResults>
    <ExtendedResult Type="ER" Code="TIME" Value="5.96" >
      <Extension Code="LANE" Pos="A" Value="5.96" />
      <Extension Code="LANE" Pos="B" Value="5.98" />
    </ExtendedResult>
  </ExtendedResults>
  ...

```

Element: Competition /Result /RecordIndicators /RecordIndicator (1,N)

Result's record indicator. Applicable in Speed only.

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

**Element: Competition /Result /Competitor (1,1)**

Competitor related to the result of one event unit.

| Attribute    | M/O | Value                               | Description  |
|--------------|-----|-------------------------------------|--|
| Code         | M   | S(20) with no leading zeroes or TBD | Competitor's ID or TBD in case that the competitor is unknown at this time but will be available |
| Type         | M   | S(1)                                | A for athlete  |
| Organisation | O   | CC @Organisation                    | Competitor's organisation  |

**Element: Competition /Result /Competitor /Composition /Athlete (0,N)**

| Attribute | M/O | Value                        | Description                     |
|-----------|-----|------------------------------|---------------------------------|
| Code      | M   | S(20) with no leading zeroes | Athlete's ID.                   |
| Order     | M   | Numeric<br>0                 | Send 1 if Competitor @Type="A". |
| Bib       | O   | S(4)                         | Bib number                      |

**Element: Competition /Result /Competitor /Composition /Athlete /Description (1,1)**

Athletes extended information.

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

**Element: Competition /Result /Competitor /Composition /Athlete /EventUnitEntry (0,N)**

Individual athletes entry information.

| Type | Code       | Pos | Description  |
|------|------------|-----|--|
| EUE  | START_TIME | N/A | Element Expected:<br>Always for Bouldering Qualification |
| EUE  | Attribute  | M/O | Value  |
|      | Value      | M   | hh:mm:ss   |
| EUE  | QUAL_RANK  | N/A | Element Expected:  |

|  |           |     |              | In Speed Finals                |
|--|-----------|-----|--------------|--------------------------------|
|  | Attribute | M/O | Value        | Description                    |
|  | Value     | M   | Numeric<br>0 | Rank from qualification round. |

### Sample (Bouldering Qualification)

```
<Competitor Code="1106825" Type="A" Organisation="NOC" Bib="4">
  <Composition>
    <Athlete Code="1106825" Order="1">
      <Description GivenName="John" FamilyName="Smith" Gender="M" Organisation="SUI" BirthDate="1996-12-12" IFId="33195"/>
      <EventUnitEntry Type="EUE" Code="START_TIME" Value="14:20" />
    </Athlete>
  ...
</Competitor>
```

### 2.3.2.6 Message Sort

Sort by Result @SortOrder

## 2.3.3 Cumulative Results

### 2.3.3.1 Description

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

In Sport Climbing there will be two separate cumulative results. One for the qualification and another for the final.

### 2.3.3.2 Header Values

The following table describes the message header attributes.

| Attribute       | Value                      | Comment  |
|-----------------|----------------------------|--|
| CompetitionCode | CC @Competition            | Unique ID for competition  |
| DocumentCode    | CC @Phase                  | Full RSC of the phase (qualification and final)  |
| DocumentSubcode | N/A                        | Not used in CLB  |
| DocumentType    | DT_CUMULATIVE_RESULT       | Cumulative Results message   |
| DocumentSubtype | N/A                        | Not used in CLB  |
| Version         | 1..V                       | Version number associated to the message's content. Ascendant number   |
| ResultStatus    | SC @ResultStatus           | It indicates the status of the results<br>LIVE<br>INTERMEDIATE<br>UNOFFICIAL<br>OFFICIAL<br>PROTESTED  |
| FeedFlag        | "P"-Production<br>"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.<br>See full explanation in ODF Foundation. |
| Source          | SC @Source                 | Code indicating the system which generated the message.  |

### 2.3.3.3 Trigger and Frequency

The cumulative results accumulate results over a number of units so are generally sent after each DT\_RESULT message (ie send with ResultStatus LIVE when DT\_RESULT ResultStatus is LIVE) if the cumulative message applies. When there is no unit in progress the cumulative results will have INTERMEDIATE status before the end of the competition.

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 is finished.

### 2.3.3.4 Message Structure

The following table defines the structure of the message.

| Level 1           | Level 2             | Level 3                | Level 4              | Level 5      | Level 6    | Level 7 |
|-------------------|---------------------|------------------------|----------------------|--------------|------------|---------|
| Competition (0,1) |                     |                        |                      |              |            |         |
|                   | Gen                 |                        |                      |              |            |         |
|                   | Sport               |                        |                      |              |            |         |
|                   | Codes               |                        |                      |              |            |         |
|                   | ExtendedInfos (0,1) |                        |                      |              |            |         |
|                   |                     | Progress (0,1)         |                      |              |            |         |
|                   |                     |                        | LastUnit             |              |            |         |
|                   |                     | SportDescription (0,1) |                      |              |            |         |
|                   |                     |                        | DisciplineName       |              |            |         |
|                   |                     |                        | EventName            |              |            |         |
|                   |                     |                        | Gender               |              |            |         |
|                   |                     | VenueDescription (0,1) |                      |              |            |         |
|                   |                     |                        | Venue                |              |            |         |
|                   |                     |                        | VenueName            |              |            |         |
|                   | Result (1,N)        |                        |                      |              |            |         |
|                   |                     | Rank                   |                      |              |            |         |
|                   |                     | RankEqual              |                      |              |            |         |
|                   |                     | ResultType             |                      |              |            |         |
|                   |                     | Result                 |                      |              |            |         |
|                   |                     | IRM                    |                      |              |            |         |
|                   |                     | QualificationMark      |                      |              |            |         |
|                   |                     | Diff                   |                      |              |            |         |
|                   |                     | SortOrder              |                      |              |            |         |
|                   |                     | ExtendedResults (0,1)  |                      |              |            |         |
|                   |                     |                        | ExtendedResult (1,N) |              |            |         |
|                   |                     |                        |                      | Type         |            |         |
|                   |                     |                        |                      | Code         |            |         |
|                   |                     |                        |                      | Pos          |            |         |
|                   |                     |                        |                      | Value        |            |         |
|                   |                     | ResultItems (0,1)      |                      |              |            |         |
|                   |                     |                        | ResultItem (1,N)     |              |            |         |
|                   |                     |                        |                      | Unit         |            |         |
|                   |                     |                        |                      | Order        |            |         |
|                   |                     |                        |                      | Result (1,1) |            |         |
|                   |                     |                        |                      |              | ResultType |         |
|                   |                     |                        |                      |              | Result     |         |



|  |                   |           |
|--|-------------------|-----------|
|  |                   | IRM       |
|  |                   | SortOrder |
|  | Competitor (1,1)  |           |
|  | Code              |           |
|  | Type              |           |
|  | Organisation      |           |
|  | Composition (1,1) |           |
|  | Athlete (0,N)     |           |
|  | Code              |           |
|  | Order             |           |
|  | Bib               |           |
|  | Description (1,1) |           |
|  | GivenName         |           |
|  | FamilyName        |           |
|  | Gender            |           |
|  | Organisation      |           |
|  | BirthDate         |           |
|  | IFld              |           |

### 2.3.3.5 Message Values

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

| Element: Competition /ExtendedInfos /Progress (0,1) |     |          |  |
|---|-----|----------|--|
| Attribute   | M/O | Value    | Description  |
| LastUnit  | M   | CC @Unit | Send the full RSC of the most recently completed unit included in the message. |

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

| Element: Competition /ExtendedInfos /VenueDescription (0,1)            |  |  |  |
|--|--|--|--|
| Venue Names in Text. Only include if competition is in a single venue. |  |  |  |

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

**Element: Competition /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.<br><br>This attribute is optional because the competitor could get an invalid result 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.<br>Result type, either points or IRM for the cumulative result.  |
| Result            | O   | Numeric<br>##0.00     | The cumulative result of the competitor.<br>Send just in the case @ResultType is POINTS   |
| IRM               | O   | SC @IRM               | The invalid result mark for the cumulative result, if applicable.<br>Only in the case where @ResultType is IRM  |
| QualificationMark | O   | SC @QualificationMark | Indicates in the competitor the qualification of the competitor for the final. Do not send for final.   |
| Diff              | O   | Numeric<br>###0.00    | Points behind leader.<br>0 for the leader (combined events)   |
| SortOrder         | M   | Numeric               | Used to sort all cumulative results. It is mainly used for display purposes.<br><br>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: Competition /Result /ExtendedResults /ExtendedResult (1,N)**

Competitor's extended results.

| Type      | Code | Pos   | Description   |
|-----------|------|-------|---|
| ER        | YC   | N/A   | Element Expected:<br>If applicable                                  |
| Attribute | M/O  | Value | Description   |
| Value     | M    | S(1)  | Send Y if the competitor has a yellow card else extension not sent. |

**Element: Competition /Result /ResultItems /ResultItem (1,N)**

Identifier of unit, for the schedule item to which it is going to be included the result summary. ResultItem /Result will be for one particular previous unit.

| Attribute | M/O | Value         | Description   |
|-----------|-----|---------------|---|
| Unit      | M   | CC @Unit      | Full RSC of the unit.                                   |
| Order     | M   | Numeric<br>#0 | Logical order of the sub-units, usually schedule order. |

| Element: Competition /Result /ResultItems /ResultItem /Result (1,1)  |     |                |   |
|--|-----|----------------|---|
| For any Event Unit Results message, there should be at least one competitor being awarded a result for the event unit. |     |                |   |
| Attribute  | M/O | Value          | Description   |
| ResultType   | O   | SC @ResultType | Type of the @Result attribute for the event unit identified by /ResultItems /ResultItem.<br>POINTS or IRM if applicable                                 |
| Result   | O   | S(10)          | The result of the competitor in the event unit for the event unit identified by /ResultItems /ResultItem.<br>Send the points or "-" if appropriate.     |
| IRM  | O   | SC @IRM        | The invalid result mark, in case it is assigned for the event unit identified by /ResultItems /ResultItem.<br>Send just in the case @ResultType is IRM. |
| SortOrder  | M   | Numeric        | Used to sort all results in the phase identified by @Unit at /ResultItems /ResultItem.  |

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

| Element: Competition /Result /Competitor /Composition /Athlete (0,N) |     |                              |   |
|--|-----|------------------------------|---|
| Attribute  | M/O | Value                        | Description                             |
| Code   | M   | S(20) with no leading zeroes | Athlete's ID                            |
| Order  | M   | Numeric                      | Send 1 if the competitor is an athlete. |
| Bib  | O   | S(4)                         | Bib number                              |

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

### Sample (Final)

```
<Result Rank="1" ResultType="POINTS" Result="1.00" Diff="0.00" SortOrder="1">
  <ResultItems>
    <ResultItem Unit="CLBMCOMBINED-----FNL-0001SP--" Order="1">
      <Result ResultType="POINTS" SortOrder="1" />
    </ResultItem>
    <ResultItem Unit="CLBMCOMBINED-----FNL-0001BL--" Order="2">
      <Result ResultType="POINTS" Result="4.00" SortOrder="4" />
    </ResultItem>
  </ResultItems>
  <Competitor Code="2021732" Type="A" Organisation="SUI">
    <Composition>
      <Athlete Code="20217432" Order="1" Bib="5">
        <Description GivenName="Jon" FamilyName="Smith" Gender="M" Organisation="SUI" BirthDate="1994-12-15" IFId="30279"/>
      </Athlete>
    </Composition>
  </Competitor>
</Result>
...
```

### 2.3.3.6 Message Sort

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

## 2.3.4 Brackets

### 2.3.4.1 Description

The Brackets message contains the brackets information for an event or component of an event (phase or unit). It is used where there is a necessity to know the progress of a competition. In the early stages of the competition, it indicates how the competition progress will proceed from the winners/losers.

In the case of Sport Climbing the message only applies to the speed final.

### 2.3.4.2 Header Values

The following table describes the message header attributes.

| Attribute       | Value                      | Comment   |
|-----------------|----------------------------|---|
| CompetitionCode | CC @Competition            | Unique ID for competition   |
| DocumentCode    | CC @Unit                   | Full RSC of the event unit  |
| DocumentType    | DT_BRACKETS                | Brackets message  |
| Version         | 1..V                       | Version number associated to the message's content. Ascendant number  |
| ResultStatus    | SC @ResultStatus           | Status of the message. Expected statuses are:<br>START_LIST (when the draw initially made)<br>INTERMEDIATE (during the competition after each race)<br>OFFICIAL (when all races official) |
| FeedFlag        | "P"-Production<br>"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.<br>See full explanation in ODF Foundation.              |
| Source          | SC @Source                 | Code indicating the system which generated the message.   |

### 2.3.4.3 Trigger and Frequency

This message should be sent at the very beginning of a competition, as soon as brackets are available after the draw (START\_LIST).

Send as INTERMEDIATE when a race is completed (except last race), including Official status. The message should be updated including information on each competitor in the different bracket items.

Send as OFFICIAL after last race.

The @ResultStatus attribute will vary depending on the competition status and follows the DT\_RESULT.

Trigger also after any change.

### 2.3.4.4 Message Structure

The following table defines the structure of the message.

| Level 1           | Level 2             | Level 3                | Level 4           | Level 5               | Level 6             | Level 7            | Level 8 | Level 9 | Level 10 |
|-------------------|---------------------|------------------------|-------------------|-----------------------|---------------------|--------------------|---------|---------|----------|
| Competition (0,1) |                     |                        |                   |                       |                     |                    |         |         |          |
|                   | Gen                 |                        |                   |                       |                     |                    |         |         |          |
|                   | Sport               |                        |                   |                       |                     |                    |         |         |          |
|                   | Codes               |                        |                   |                       |                     |                    |         |         |          |
|                   | ExtendedInfos (0,1) |                        |                   |                       |                     |                    |         |         |          |
|                   |                     | Progress (0,1)         |                   |                       |                     |                    |         |         |          |
|                   |                     |                        | LastUnit          |                       |                     |                    |         |         |          |
|                   |                     |                        | UnitsTotal        |                       |                     |                    |         |         |          |
|                   |                     |                        | UnitsComplete     |                       |                     |                    |         |         |          |
|                   |                     | SportDescription (0,1) |                   |                       |                     |                    |         |         |          |
|                   |                     |                        | DisciplineName    |                       |                     |                    |         |         |          |
|                   |                     |                        | EventName         |                       |                     |                    |         |         |          |
|                   |                     |                        | Gender            |                       |                     |                    |         |         |          |
|                   |                     | VenueDescription (0,1) |                   |                       |                     |                    |         |         |          |
|                   |                     |                        | Venue             |                       |                     |                    |         |         |          |
|                   |                     |                        | VenueName         |                       |                     |                    |         |         |          |
|                   | Bracket (1,N)       |                        |                   |                       |                     |                    |         |         |          |
|                   |                     | Code                   |                   |                       |                     |                    |         |         |          |
|                   |                     | BracketItems (1,N)     |                   |                       |                     |                    |         |         |          |
|                   |                     |                        | Code              |                       |                     |                    |         |         |          |
|                   |                     |                        | BracketItem (1,N) |                       |                     |                    |         |         |          |
|                   |                     |                        |                   | Code                  |                     |                    |         |         |          |
|                   |                     |                        |                   | Order                 |                     |                    |         |         |          |
|                   |                     |                        |                   | Position              |                     |                    |         |         |          |
|                   |                     |                        |                   | Date                  |                     |                    |         |         |          |
|                   |                     |                        |                   | Time                  |                     |                    |         |         |          |
|                   |                     |                        |                   | CompetitorPlace (1,N) |                     |                    |         |         |          |
|                   |                     |                        |                   |                       | Pos                 |                    |         |         |          |
|                   |                     |                        |                   |                       | Code                |                    |         |         |          |
|                   |                     |                        |                   |                       | WLT                 |                    |         |         |          |
|                   |                     |                        |                   |                       | Result              |                    |         |         |          |
|                   |                     |                        |                   |                       | IRM                 |                    |         |         |          |
|                   |                     |                        |                   |                       | StrikeOut           |                    |         |         |          |
|                   |                     |                        |                   |                       | ExtCompPlaces (0,1) |                    |         |         |          |
|                   |                     |                        |                   |                       |                     | ExtCompPlace (1,N) |         |         |          |
|                   |                     |                        |                   |                       |                     |                    | Type    |         |          |

|                    |                   |
|--------------------|-------------------|
|                    | Code              |
|                    | Pos               |
|                    | Value             |
| PreviousUnit (0,1) |                   |
|                    | Value             |
|                    | WLT               |
| Competitor (0,1)   |                   |
|                    | Code              |
|                    | Type              |
|                    | Organisation      |
|                    | Composition (0,1) |
|                    | Athlete (1,N)     |
|                    | Code              |
|                    | Order             |
|                    | Description (1,1) |
|                    | GivenName         |
|                    | FamilyName        |
|                    | Gender            |
|                    | Organisation      |
|                    | BirthDate         |
|                    | IFld              |

### 2.3.4.5 Message Values

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

| Element: Competition /ExtendedInfos /Progress (0,1) |     |             |   |
|---|-----|-------------|---|
| Attribute   | M/O | Value       | Description   |
| LastUnit  | O   | CC @Unit    | Full RSC of the last unit completed (or in progress if applicable) related to the message's content |
| UnitsTotal  | M   | Numeric ##0 | Total number of races in the bracket.   |
| UnitsComplete                                       | M   | Numeric ##0 | Total number of races in the bracket which are complete and included in the message.                |

| Element: Competition /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.     |
| Gender                    | M   | CC @SportGender | Gender code for the event unit               |

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

| Element: Competition /Bracket (1,N) |     |             |  |
|-------------------------------------|-----|-------------|--|
| Attribute                           | M/O | Value       | Description  |
| Code                                | M   | SC @Bracket | Bracket code to identify a bracket item (finals). There should be a different code for each bracket based on sport/ORIS presentation of the bracket. |

| Element: Competition /Bracket /BracketItems (1,N) |     |                  |  |
|---|-----|------------------|--|
| Attribute   | M/O | Value            | Description  |
| Code  | M   | SC @BracketItems | Bracket code to identify a set of bracket items. Each BracketItems should include all BracketItem grouped by their SC @BracketItems. |

| Element: Competition /Bracket /BracketItems /BracketItem (1,N) |     |             |   |
|--|-----|-------------|---|
| Attribute  | M/O | Value       | Description   |
| Code   | O   | SC @Round   | Bracket code to identify a bracket item. Send the round (QFNL1, QFNL2, ...)   |
| Order  | M   | Numeric ##0 | Sequential number inside of BracketItems to indicate the order, always start at 1   |
| Position   | M   | Numeric #0  | Bracket position when drawing the bracket. For example a quarter final has 4 items, with positions 1, 2, 3 and 4 from the top. Use the appropriate number to draw the position. |
| Date   | O   | Date        | Date of match (example: YYYY-MM-DD). Must include if the data is available  |
| Time   | O   | S(5)        | Time of match (example HH:MM). Must include if the data is available.   |

| Element: Competition /Bracket /BracketItems /BracketItem /CompetitorPlace (1,N)                      |     |             |   |
|--|-----|-------------|---|
| - If the competitors are known, this element is used to place the competitors in the bracket.        |     |             |   |
| - If they are not yet known, it contains some information (on the rule to access to this bracket...) |     |             |   |
| Attribute  | M/O | Value       | Description   |
| Pos  | M   | Numeric ##0 | This attribute is a sequential number to place the different competitors in the bracket (1, 2 ...). |



|           |   |                     |  |
|-----------|---|---------------------|--|
| Code      | O | SC @CompetitorPlace | Send when there is no competitor (BYE) or when it is not known yet (TBD).                      |
| WLT       | O | SC @WLT             | Indicates the winner or loser of the bracket item. Always send when known                      |
| Result    | O | S(10)               | The result of the competitor in the event unit (race)  |
| IRM       | O | SC @IRM             | The invalid result mark, if applicable   |
| StrikeOut | O | S(1)                | If the competitor should be struck out in this bracket item send Y, usually only used for DQB. |

| Element: Competition /Bracket /BracketItems /BracketItem /CompetitorPlace /ExtCompPlaces /ExtCompPlace (1,N) |                  |            |   |   |
|--|------------------|------------|---|---|
| Type   | Code             | Pos        | Description                                     |   |
| ECP  | YC               | N/A        | Element Expected:<br>If applicable              |   |
|  | <b>Attribute</b> | <b>M/O</b> | <b>Value</b>                                    | <b>Description</b>  |
|  | Value            | M          | S(1)  | Send Y if the competitor has a yellow card else extension not sent. |
| ECP  | QUAL             | N/A        | Element Expected:<br>In the first round only    |   |
|  | <b>Attribute</b> | <b>M/O</b> | <b>Value</b>                                    | <b>Description</b>  |
|  | Value            | M          | Numeric<br>0                                    | Send the rank in qualification.                                     |
| ECP  | RECORD           | N/A        | Element Expected:<br>Only if record applies     |   |
|  | <b>Attribute</b> | <b>M/O</b> | <b>Value</b>                                    | <b>Description</b>  |
|  | Value            | M          | CC @RecordType                                  | Send the record type (send only highest if multiple)                |
| ECP  | RECORD_EQ        | N/A        | Element Expected:<br>Only if RECORD is equalled |   |
|  | <b>Attribute</b> | <b>M/O</b> | <b>Value</b>                                    | <b>Description</b>  |
|  | Value            | M          | S(1)  | Send Y if RECORD is equalled.                                       |

| Element: Competition /Bracket /BracketItems /BracketItem /CompetitorPlace /PreviousUnit (0,1)   |            |              |  |  |
|---|------------|--------------|--|--|
| Previous event unit related to the CompetitorPlace@Pos competitor of the current bracket item. It is always informed except for the bracket items whose CompetitorPlace@Pos competitor do not have preceding races. |            |              |  |  |
| <b>Attribute</b>  | <b>M/O</b> | <b>Value</b> | <b>Description</b>   |  |
| Value   | O          | SC @Round    | If the competitor in the current unit is unknown due to coming from previous races then fill this field with the round as appropriate.   |  |
| WLT   | O          | SC @WLT      | If the competitor in the current unit is unknown and coming from an earlier bracketitem then fill this field with the W or L indication winner or loser of the previous unit if the information is known. Do not send if competitor comes from a pool. |  |

| Element: Competition /Bracket /BracketItems /BracketItem /CompetitorPlace /Competitor (0,1)           |            |                              |                    |  |
|---|------------|------------------------------|--------------------|--|
| CompetitorPlace @Pos competitor related to the bracket item. Only include if the competitor is known. |            |                              |                    |  |
| <b>Attribute</b>  | <b>M/O</b> | <b>Value</b>                 | <b>Description</b> |  |
| Code  | M          | S(20) with no leading zeroes | Competitor's ID    |  |

|              |   |                  |                                     |
|--------------|---|------------------|-------------------------------------|
| Type         | M | S(1)             | A for athlete                       |
| Organisation | O | CC @Organisation | Competitors' organisation if known. |

| Element: Competition /Bracket /BracketItems /BracketItem /CompetitorPlace /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, use 1 if Competitor @Type="A". |

| Element: Competition /Bracket /BracketItems /BracketItem /CompetitorPlace /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   |

#### 2.3.4.6 Message Sort

The following order applies:

- \* Bracket @Code if more than one '@Code'.
- \* BracketItems according to its @Code attribute.
- \* Then, the BracketItem /Unit @Unit are sorted according to their scheduled start time.

## 2.3.5 Records

### 2.3.5.1 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.

### 2.3.5.2 Header Values

The following table describes the message header attributes.

| Attribute       | Value                      | Comment  |
|-----------------|----------------------------|--|
| CompetitionCode | CC @Competition            | Unique ID for competition  |
| DocumentCode    | CC @Discipline             | Full RSC of the Discipline   |
| DocumentSubcode | CC @RecordCode             | If the message is sent as a result of a record being modified (broken, equalled or re-instated) then this attribute will be included and is the Record Event for the modification. |
| DocumentType    | DT_RECORD                  | Records message  |
| DocumentSubtype | FULL,<br>PARTIAL           | Send "FULL" if all records included.<br>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<br>"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.<br>See full explanation in ODF Foundation.       |
| Source          | SC @Source                 | Code indicating the system which generated the message.  |

### 2.3.5.3 Trigger and Frequency

The DT\_RECORD (without DocumentSubcode) message is sent as a bulk message (all records in a discipline) prior to the competition. Any new version of the DT\_RECORD message should replace all previous record information, either for the RecordCode specified in DocumentSubcode or all if no DocumentSubcode is specified. Send as soon as appropriate within the rules of the sport.

### 2.3.5.4 Message Structure

The following table defines the structure of the message.

| Level 1           | Level 2             | Level 3                | Level 4             | Level 5               | Level 6           | Level 7       | Level 8 | Level 9 |
|-------------------|---------------------|------------------------|---------------------|-----------------------|-------------------|---------------|---------|---------|
| Competition (0,1) |                     |                        |                     |                       |                   |               |         |         |
|                   | Gen                 |                        |                     |                       |                   |               |         |         |
|                   | Sport               |                        |                     |                       |                   |               |         |         |
|                   | Codes               |                        |                     |                       |                   |               |         |         |
|                   | ExtendedInfos (0,1) |                        |                     |                       |                   |               |         |         |
|                   |                     | SportDescription (0,1) |                     |                       |                   |               |         |         |
|                   |                     |                        | DisciplineName      |                       |                   |               |         |         |
|                   | Record (1,N)        |                        |                     |                       |                   |               |         |         |
|                   |                     | Code                   |                     |                       |                   |               |         |         |
|                   |                     | Description (1,1)      |                     |                       |                   |               |         |         |
|                   |                     |                        | Name                |                       |                   |               |         |         |
|                   |                     | RecordType (1,N)       |                     |                       |                   |               |         |         |
|                   |                     |                        | Order               |                       |                   |               |         |         |
|                   |                     |                        | RecordType          |                       |                   |               |         |         |
|                   |                     |                        | Shared              |                       |                   |               |         |         |
|                   |                     |                        | NotEstablished      |                       |                   |               |         |         |
|                   |                     |                        | NotEstablishedLabel |                       |                   |               |         |         |
|                   |                     |                        | RecordData (0,N)    |                       |                   |               |         |         |
|                   |                     |                        |                     | Order                 |                   |               |         |         |
|                   |                     |                        |                     | ResultType            |                   |               |         |         |
|                   |                     |                        |                     | Result                |                   |               |         |         |
|                   |                     |                        |                     | Unit                  |                   |               |         |         |
|                   |                     |                        |                     | Country               |                   |               |         |         |
|                   |                     |                        |                     | Place                 |                   |               |         |         |
|                   |                     |                        |                     | Date                  |                   |               |         |         |
|                   |                     |                        |                     | Time                  |                   |               |         |         |
|                   |                     |                        |                     | Equalled              |                   |               |         |         |
|                   |                     |                        |                     | Unconfirmed           |                   |               |         |         |
|                   |                     |                        |                     | Competition           |                   |               |         |         |
|                   |                     |                        |                     | Historical            |                   |               |         |         |
|                   |                     |                        |                     | Current               |                   |               |         |         |
|                   |                     |                        |                     | ModificationIndicator |                   |               |         |         |
|                   |                     |                        |                     | Competitor (0,1)      |                   |               |         |         |
|                   |                     |                        |                     |                       | Code              |               |         |         |
|                   |                     |                        |                     |                       | Type              |               |         |         |
|                   |                     |                        |                     |                       | Organisation      |               |         |         |
|                   |                     |                        |                     |                       | Composition (0,1) |               |         |         |
|                   |                     |                        |                     |                       |                   | Athlete (1,N) |         |         |
|                   |                     |                        |                     |                       |                   |               | Code    |         |

|  |                   |
|--|-------------------|
|  | Order             |
|  | Description (0,1) |
|  | GivenName         |
|  | FamilyName        |
|  | Gender            |
|  | Organisation      |
|  | BirthDate         |
|  | IFId              |

### 2.3.5.5 Message Values

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

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

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

| Element: Competition /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.   |
| Shared  | M   | S(1)           | Y-There is more than one competitor sharing the record<br>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: Competition /Record /RecordType /RecordData (0,N)                    |     |                     |  |
|---|-----|---------------------|--|
| RecordData is not sent for NotEstablished Records unless a "standard" applies |     |                     |  |
| Attribute   | M/O | Value               | Description  |
| Order   | M   | Numeric<br>#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.<br>Send 1 for records (RecordType) not shared (historical records) |
| ResultType  | M   | SC @ResultType      | Result type for the corresponding event unit   |
| Result  | M   | s.ff<br>or<br>s.fff | Send always unless the record is not established (can be sent for not established if there is a standard).<br>The performance of the competitor for the record.  |
| Unit  | O   | CC @Unit            | Include the event unit in the current competition where the record was broken.<br><br>It is the full RSC<br><br>Send always (Mandatory) in the case Historical="N".  |
| Country   | O   | CC @Country         | Always send for new records and where known for historical records. Not applicable for not established records.<br>Country code where the record was broken  |
| Place   | O   | S(40)               | Always send for new records and where known for historical records. Not applicable for not established records.<br>Place (town or city) where the record was broken (example: "Salt Lake City").   |
| Date  | O   | YYYY-MM-DD          | Always send for new records and where known for historical records. Not applicable for not established records.<br>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.<br>Send always (Mandatory) in the case of Historical="N".   |
| Equalled  | O   | S(1)                | Send "Y" if the existing record is equalled.<br>Do not send if the record is not equalled.   |
| Unconfirmed   | O   | S(1)                | Send only in the case that Historical="Y" and if it is required in the specific discipline, since some historical records / record types may not be confirmed.<br>Send "Y" if the record is Unconfirmed else do not send. The normal situation is do not send.   |
| 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.<br>Send "N" if the record for the competitor was achieved during the current competition.   |

|                       |   |      |   |
|-----------------------|---|------|---|
| Current               | O | S(1) | Send "Y" in the case that this is the current record else do not send (may be multiple in the case of a shared record).   |
| ModificationIndicator | O | S(1) | The possible values are:<br>"N" = New broken record (not provided in a previous message)<br>"R" = This record is re-instated/re-established as the current record in this message (following an invalidation or similar).<br>Do not send this attribute for other records included in the message (not broken or not re-instated) |

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

Competitor to whom the record is assigned.

Athlete's information should be in DT\_PARTIC (Historic) for Competitor @Type="A"

| 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             | Competitors' organisation if known |

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

| Attribute | M/O | Value                        | Description                     |
|-----------|-----|------------------------------|---------------------------------|
| Code      | M   | S(20) with no leading zeroes | Athlete's ID                    |
| Order     | M   | Numeric<br>#0                | Send 1 if Competitor @Type="A". |

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

Athletes extended information.

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

### 2.3.5.6 Message Sort

The following order applies:

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

## 2.3.6 Event Final Ranking

### 2.3.6.1 Description

The Event Final Ranking is a message containing the final results and ranking at the completion of one particular event.

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 Result Mark (disqualified, etc.), or both.

### 2.3.6.2 Header Values

The following table describes the message header attributes.

| Attribute       | Value                      | Comment   |
|-----------------|----------------------------|---|
| CompetitionCode | CC @Competition            | Unique ID for competition   |
| DocumentCode    | CC @Event                  | 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.<br>PARTIAL<br>OFFICIAL  |
| FeedFlag        | "P"-Production<br>"T"-Test | Test message or production message.   |
| Date            | Date                       | Date when the message is generated, expressed in the local time zone where the message was produced.  |
| Time            | Time                       | Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced.   |
| LogicalDate     | Date                       | Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight. See full explanation in ODF Foundation. |
| Source          | SC @Source                 | Code indicating the system which generated the message.   |

### 2.3.6.3 Trigger and Frequency

This message is only triggered after a unit or phase 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.

The message is expected to be sent as PARTIAL after the qualification is complete and then UNOFFICIAL/OFFICIAL after the finals.

Trigger also after any change.

### 2.3.6.4 Message Structure

The following table defines the structure of the message.

| Level 1           | Level 2 | Level 3 | Level 4 | Level 5 | Level 6 | Level 7 |
|-------------------|---------|---------|---------|---------|---------|---------|
| Competition (0,1) |         |         |         |         |         |         |
|                   | Gen     |         |         |         |         |         |
|                   | Sport   |         |         |         |         |         |



|  |                        |  |
|--|------------------------|--|
|  | Codes                  |  |
|  | ExtendedInfos (0,1)    |  |
|  | SportDescription (0,1) |  |
|  | DisciplineName         |  |
|  | EventName              |  |
|  | Gender                 |  |
|  | VenueDescription (0,1) |  |
|  | Venue                  |  |
|  | VenueName              |  |
|  | Result (1,N)           |  |
|  | Rank                   |  |
|  | RankEqual              |  |
|  | ResultType             |  |
|  | Result                 |  |
|  | IRM                    |  |
|  | SortOrder              |  |
|  | ExtendedResults (0,1)  |  |
|  | ExtendedResult (1,N)   |  |
|  | Type                   |  |
|  | Code                   |  |
|  | Pos                    |  |
|  | Value                  |  |
|  | Competitor (1,1)       |  |
|  | Code                   |  |
|  | Type                   |  |
|  | Organisation           |  |
|  | Composition (1,1)      |  |
|  | Athlete (0,N)          |  |
|  | Code                   |  |
|  | Order                  |  |
|  | Bib                    |  |
|  | Description (1,1)      |  |
|  | GivenName              |  |
|  | FamilyName             |  |
|  | Gender                 |  |
|  | Organisation           |  |
|  | BirthDate              |  |
|  | IFId                   |  |

### 2.3.6.5 Message Values

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

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

| Element: Competition /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" only if applicable.   |
| ResultType   | O   | SC @ResultType | Type of the @Result attribute, either POINTS or IRM for the corresponding event.   |
| Result   | O   | Numeric        | Result for the highest phase reached.  |
| IRM  | O   | SC @IRM        | The invalid result mark, in case it is assigned  |
| SortOrder  | M   | Numeric        | This attribute is a sequential number with the order of the results for the particular event, if they were to be presented. It is mostly based on the rank, but it should be used to sort out rank ties as well as results without rank. |

| Element: Competition /Result /ExtendedResults /ExtendedResult (1,N) |       |       |                             |
|---|-------|-------|-----------------------------|
| Type  | Code  | Pos   | Description                 |
| ER  | PHASE | N/A   | Element Expected:<br>Always |
| Attribute   | M/O   | Value | Description                 |

|  |       |   |           |   |
|--|-------|---|-----------|---|
|  | Value | M | CC @Phase | Full RSC Phase code of the highest phase reached. |
|--|-------|---|-----------|---|

**Element: Competition /Result /Competitor (1,1)**

Competitor related to one final event result.

| Attribute    | M/O | Value                        | Description   |
|--------------|-----|------------------------------|---|
| Code         | M   | S(20) with no leading zeroes | Competitor's ID.<br>"NOCOMP" in the case where there is no competitor in the rank due to IRM. |
| Type         | M   | S(1)                         | A for athlete   |
| Organisation | O   | CC @Organisation             | Competitor's organisation if known  |

**Element: Competition /Result /Competitor /Composition /Athlete (0,N)**

| Attribute | M/O | Value                        | Description   |
|-----------|-----|------------------------------|---|
| Code      | M   | S(20) with no leading zeroes | Athlete's ID  |
| Order     | M   | Numeric                      | Order attribute.<br>Send 1 if Competitor @Type="A". |
| Bib       | O   | S(4)                         | Athlete Bib   |

**Element: Competition /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 |
| IFld         | O   | S(16)            | International Federation ID   |

### 2.3.6.6 Message Sort

Sort by Result @SortOrder

## 2.3.7 Configuration

### 2.3.7.1 Description

The Configuration is a message containing general configuration.

Send before the competition for each unit in separate messages where applicable.

### 2.3.7.2 Header Values

The following table describes the message header attributes.

| Attribute       | Value                      | Comment   |
|-----------------|----------------------------|---|
| CompetitionCode | CC @Competition            | Unique ID for competition   |
| DocumentCode    | CC @Unit                   | Sent this message for each Unit, full RSC   |
| DocumentType    | DT_CONFIG                  | Configuration message   |
| Version         | 1..V                       | Version number associated to the message's content. Ascendant number  |
| FeedFlag        | "P"-Production<br>"T"-Test | Test message or production message.   |
| Date            | Date                       | Date when the message is generated, expressed in the local time zone where the message was produced.  |
| Time            | Time                       | Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced.   |
| LogicalDate     | Date                       | Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight. See full explanation in ODF Foundation. |
| Source          | SC @Source                 | Code indicating the system which generated the message.   |

### 2.3.7.3 Trigger and Frequency

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

Trigger also after any change, but considering that, if possible, the configuration for one particular phase must be provided before the start list. If there is a change then DT\_RESULT must be sent immediately afterward.

### 2.3.7.4 Message Structure

The following table defines the structure of the message.

| Level 1           | Level 2       | Level 3      | Level 4              | Level 5 |
|-------------------|---------------|--------------|----------------------|---------|
| Competition (0,1) |               |              |                      |         |
|                   | Gen           |              |                      |         |
|                   | Sport         |              |                      |         |
|                   | Codes         |              |                      |         |
|                   | Configs (1,1) |              |                      |         |
|                   |               | Config (1,N) |                      |         |
|                   |               |              | Unit                 |         |
|                   |               |              | ExtendedConfig (1,N) |         |

|  |       |
|--|-------|
|  | Type  |
|  | Code  |
|  | Pos   |
|  | Value |

### 2.3.7.5 Message Values

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

| Element: Competition /Configs /Config (1,N) |     |          |                       |
|---|-----|----------|-----------------------|
| Attribute                                   | M/O | Value    | Description           |
| Unit  | M   | CC @Unit | Full RSC of the unit. |

| Element: Competition /Configs /Config /ExtendedConfig (1,N) |            |              |   |
|---|------------|--------------|---|
| Type  | Code       | Pos          | Description   |
| EC  | BOULDER    | Numeric #0   | Pos Description:<br>Send the number that identifies the boulder, from 1, 2 .. n<br><br>Element Expected:<br>In Bouldering |
| <b>Attribute</b>  | <b>M/O</b> | <b>Value</b> | <b>Description</b>  |
| Value   | M          | S(2)         | Boulder name (usually number, 1..)  |
| QUALIFICATION   | QUAL_RULE  | N/A          | Element Expected:<br>In qualification if applicable.  |
| <b>Attribute</b>  | <b>M/O</b> | <b>Value</b> | <b>Description</b>  |
| Value   | M          | String       | Qualification rule text (long version).   |

#### Sample (Bouldering Final)

```
<Config Unit="CLBMCOMBINED-----FNL-0001BL--">
  <ExtendedConfig Type="EC" Code="BOULDER" Pos="1" Value="1" />
  <ExtendedConfig Type="EC" Code="BOULDER" Pos="2" Value="2" />
  <ExtendedConfig Type="EC" Code="BOULDER" Pos="3" Value="3" />
</Config>
```

### 2.3.7.6 Message Sort

There is no message sorting rule.

### 3 Message Timeline

Legend:

**D** Discipline; **E** Event; **P** Phase; **S** Session; **U** Unit

**x** Sent on that level; **o** Includes info from that level

### 4 Document Control

| Version history |             |   |
|-----------------|-------------|---|
| Version         | Date        | Comments                                  |
| V1.0            | 20 Feb 2018 | First version                             |
| V1.1            | 26 Jul 2018 | Updated after Omega review                |
| V2.0            | 08 Aug 2018 | Updated, CRs                              |
| V2.1            | 24 Jan 2019 | Updated                                   |
| V2.2            | 30 May 2019 | Updated, CR                               |
| V2.3            | 14 Aug 2019 | Updated. First version as a full document |
| V2.4            | 20 Dec 2019 | Updated CR 18635                          |
| V2.5            | 6 Feb 2020  | Updated                                   |
| V2.6            | 18 Dec 2020 | Typographical correction                  |
| V2.7            | 10 Mar 2022 | Updated                                   |

**File Reference:** SOG-2020-CLB-2.6 APP

| Change Log |        |   |
|------------|--------|---|
| Version    | Status | Changes on version  |
| V1.0       | SFR    | First version   |
| V1.1       | SFA    | DT_RESULT: Correct typo INSOLATION -> ISOLATION<br>DT_RESULT: Correct type CLIMB TIME -> CLIMB_TIME<br>DT_RESULT: Correct typo in Result /Competitor /Composition /Athlete /EventUnitEntry (applicable in bouldering).<br>DT_RESULT: Update ExtendedInfos DISPLAY to support the competition format in bouldering<br>DT_BRACKET: Bracket /BracketItems /BracketItem @Result removed (typo)<br>DT_BRACKET: Update to clarify it is only needed for the speed final.<br>Section 1.4: Note that records not applicable in Youth Olympic Games. |
| V2.0       | SFA    | CR15039: Add DT_PARTIC_NAME to applicable messages.<br>CR16671: Add TVFamilyName in DT_PARTIC message.<br>CR16537: Move LAST_UNIT to ExtendedInfos/Progress in cumulative results<br>CR16628: DT_BRACKETS: Add attributes to remove some extensions. Clarify previous unit.   |
| V2.1       | APP    | DT_RESULT: In ExtendedInfos /ExtendedInfo add @Pos in SPEED/HEAT<br>DT_RESULT: In ExtendedInfos /ExtendedInfo add DISPLAY/LAST_COMP<br>DT_RESULT: Update EUE/START_TIME to only be applicable in bouldering qualification.<br>DT_BRACKETS: Add RECORD flag and allow for LL in WLT.<br>DT_BRACKETS: Type ER changed to ECP.<br>Fixing minor typographical errors.<br>Youth Olympic Games references removed.  |

|      |     |   |
|------|-----|---|
| V2.2 | APP | DT_RESULT: Add IRM in ER/TIME<br>DT_RESULT: In ExtendedInfos update expected for CLIMB_TIME and OBSERVE_TIME<br>CR16640: Add ODF Version @Competition   |
| V2.3 | APP | CR17809: Change Participant/OlympicSolidarity to disallow N.<br>First version as a full document.   |
| V2.4 | APP | CR18565: DT_PARTIC: Update the description of Participant/Weight<br>CR18635: DT_RESULT: Update Value at BOULDER/RESULT/BOULDER @Result /ExtendedResults /ExtendedResult<br>CR18635: DT_CUMULATIVE_RESULT: Update Value at Result/Result and Result/Diff<br>CR18635: DT_CUMULATIVE_RESULT: Update Value at Result /ResultItems /ResultItem /Result /Result<br>CR18635: DT_BRACKETS: Add ExtendedInfos /Progress<br>CR18635: DT_RECORD: Update triggering<br>Editorial improvements without changing the intent   |
| V2.5 | APP | DT_RESULT: Change the format of Result/Result (183938)<br>DT_CUMULATIVE_RESULT: Change the format of Result/Result and Result/Diff (183950)<br>DT_RESULT: Update description at Result /RecordIndicators /RecordIndicator /RecordType (184038)  |
| V2.6 | APP | Correct the typographical errors for OBSERVE_TIME and CLIMB_TIME from hh:mm to m:ss. The data remains the same, document correction only.   |
| V2.7 | APP | DT_RESULT: Update DISPLAY/CURRENT at ExtendedInfos /ExtendedInfo<br>DT_RESULT: Add DISPLAY/CURRENT/GROUP at ExtendedInfos /ExtendedInfo<br>DT_RESULT: Update DISPLAY/NEXT at ExtendedInfos /ExtendedInfo<br>DT_RESULT: Add DISPLAY/NEXT/GROUP at ExtendedInfos /ExtendedInfo<br>DT_RESULT: Update DISPLAY/LAST_COMP at ExtendedInfos /ExtendedInfo<br>DT_RESULT: Add DISPLAY/LAST_COMP/GROUP at ExtendedInfos /ExtendedInfo<br>DT_RESULT: Update Result/Result Value<br>DT_RESULT: Add @Pos for ER/TIME at Result /ExtendedResults /ExtendedResult<br>DT_RESULT: Add ER/POINTS at Result /ExtendedResults /ExtendedResult<br>DT_RESULT: Update LEAD/HOLD at Result /ExtendedResults /ExtendedResult<br>DT_RESULT: Update BOULDER/RESULT at Result /ExtendedResults /ExtendedResult<br>DT_RESULT: Add BOULDER/RESULT/POINTS at Result /ExtendedResults /ExtendedResult |