



INTERNATIONAL
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ODF R-SOG-2020-CLB V2.0 SFA

OLYMPIC DATA FEED

ODF Sport Climbing Data Dictionary

Tokyo 2020 - Games of the XXXII Olympiad

Technology and Information Department

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ODF R-SOG-2020-CLB V2.0 SFA

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1 Introduction

1.1 This document

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

1.2 Objective

The objective of this document is to provide a complete and formal definition of the ODF 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 2018 Youth Olympic Games

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

- DT_RECORD does not apply

1.5 Glossary

The following abbreviations are used in this document.

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

1.6 Related Documents

| Document Title | Document Description |
|---|--|
| ODF General Principles Document | The document explains the environment and general principles for ODF. |
| ODF General Messages Interface Document | The document describes the ODF General Messages |
| ODF Common Codes | The document describes the ODF Common codes used across all ODF documents. |
| ODF Sport Codes | The document describes the ODF Sport codes used across all ODF documents |
| ODF Header Values | The document details the header values which show which RSCs are used in which messages. |



2 Messages

2.1 Applicable Messages

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

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

| Message Type | Message Name | Message extended |
|----------------------------------|--|------------------|
| DT_SCHEDULE / DT_SCHEDULE_UPDATE | Competition schedule / Competition schedule update | |
| DT_PARTIC / DT_PARTIC_UPDATE | List of participants by discipline / List of participants by discipline update | X |
| DT_PARTIC_NAME | Participant Names | |
| DT_MEDALS | Medal standings | |
| DT_MEDALLISTS_DAY | Medallists of the day | |
| DT_GLOBAL_GM | Global good morning | |
| DT_GLOBAL_GN | Global good night | |
| DT_RESULT | Event Unit Start List and Results | X |
| DT_CUMULATIVE_RESULT | Cumulative Results | X |
| DT_BRACKETS | Brackets | X |
| DT_RECORD | Records | X |
| DT_RANKING | Event Final Ranking | X |
| DT_COMMUNICATION | Official Communication | |
| DT_CONFIG | Configuration | X |
| DT_MEDALLISTS | Event's Medallists | |
| DT_MEDALLISTS_DISCIPLINE | Medallists by discipline | |
| DT_LOCAL_OFF | Discipline/venue stop transmission | |
| DT_LOCAL_ON | Discipline/venue start transmission | |
| DT_KA | Keep Alive | |



2.2 Messages

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

2.2.1.1 Description

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

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

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

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

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

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

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



2.2.1.2 Header Values

The following table describes the message header attributes.

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

2.2.1.3 Trigger and Frequency

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

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



2.2.1.4 Message Values

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



| Element: Participant (1,N) | | | |
|----------------------------|-----|---------------------|---|
| Attribute | M/O | Value | Description |
| PrintInitialName | M | S(18) | Print Initial name (for the given name it is sent just the initial, without dot) |
| TVName | M | S(35) | TV name |
| TVInitialName | M | S(18) | TV initial name |
| TVFamilyName | M | S(25) | TV family name |
| Gender | M | CC @PersonGender | Participant's gender |
| Organisation | M | CC @Organisation | Organisation ID |
| BirthDate | O | YYYY-MM-DD | Date of birth. This information may not be known at the very beginning, but it will be completed for all participants after successive updates |
| Height | O | S(3) | Height in centimetres. It will be included if this information is available. This information is not needed in the case of officials/referees. "-" may be used where the data is not available. |
| Weight | O | S(3) | Weight in kilograms. It will be included if this information is available. This information is not needed in the case of officials/referees. "-" may be used where the data is not available. |
| PlaceofBirth | O | S(75) | Place of Birth |
| CountryofBirth | O | CC @Country | Country ID of Birth |
| PlaceofResidence | O | S(75) | Place of Residence |
| CountryofResidence | O | CC @Country | Country ID of Residence |
| Nationality | O | CC @Country | Participant's nationality. Although this attribute is optional, in very exceptional situations it will not be known, and for this reason not ready to be sent. |
| MainFunctionId | O | CC @ResultsFunction | Main function In the Case of Current="true" this attribute is Mandatory. |
| Current | M | boolean | It defines if a participant is participating in the games (true) or is a Historical participant (false). |
| OlympicSolidarity | O | Y or N | Flag to indicating if the participant participates in the Olympic Scholarship program. |



Element: Participant (1,N)

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

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

| Attribute | M/O | Value | Description |
|-----------|-----|----------------|---|
| Code | M | CC @Discipline | It is the discipline code used to fill the OdfBody @DocumentCode attribute. |
| IFid | O | S(16) | IF ID (competitor's federation number for the discipline). |

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

| Attribute | M/O | Value | Description |
|------------|-----|-----------|---|
| Event | M | CC @Event | Full RSC of the Event |
| Bib | O | S(4) | Bib number, only available in the UPDATE message. Only required in canoe sprint and in the case of Current="true". |
| Substitute | O | S(1) | Send "Y" if substitute else do not send |

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

| Type | Code | Pos | Description |
|-------|------------------|------------|---|
| ENTRY | SEED | N/A | Element Expected: When data available (only expected in the update message) |
| | Attribute | M/O | Value |
| | Value | O | Numeric #0 |
| ENTRY | QUAL_TYPE | N/A | Element Expected: When data is available. (this information can be sent in both messages) |
| | Attribute | M/O | Value |
| | | | Description |



| | | | | |
|-------|------------------|------------|--------------------|--|
| | Value | M | SC @QualifyingType | Qualifying Type |
| ENTRY | | QUAL_RANK | N/A | Element Expected: When data is available. (this information can be sent in both messages) |
| | Attribute | M/O | Value | Description |
| | Value | O | Numeric ##0 | Qualifying Ranking |

2.2.1.5 Message Sort

The message is sorted by Participant @Code



2.2.2 Event Unit Start List and Results

2.2.2.1 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.

2.2.2.2 Header Values

The following table describes the message header attributes.

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



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

2.2.2.3 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:

- 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.

2.2.2.4 Message Values

| Element: ExtendedInfos /UnitDateTime (0,1) | | | |
|--|------------------|------------|---|
| Attribute | M/O | Value | Description |
| StartDate | O | DateTime | Actual start date-time. Do not include until unit starts. |
| Element: ExtendedInfos /ExtendedInfo (0,N) | | | |
| Type | Code | Pos | Description |
| SPEED | HEAT | N/A | Pos Description: N/A Element Expected: Always in Speed |
| | Attribute | M/O | Value |
| | Value | M | Numeric ##0 or SC @Round |
| | | | Send the heat number in qualification or the round in the finals (QFNL1, QFNL2, ... SFNL1, SFNL2, FNL1, FNL2) |



| Element: ExtendedInfos /ExtendedInfo (0,N) | | | | |
|--|------------------|------------------------------|---|--|
| Type | Code | Pos | Description | |
| Sub Element: ExtendedInfos /ExtendedInfo /Extension | | | | |
| Expected: Always in Speed | | | | |
| | Attribute | Value | Description | |
| | Code | ID | | |
| | Pos | Numeric 0 | Position of the competitor in the heat 1 or 2 In Qualification 1 = Lane A, 2 = Lane B 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 | Competitor's ID (to identify an athlete) that competes in this heat. | |
| DISPLAY | CURRENT | Numeric 0 | Pos Description: Send the boulder number in bouldering. Element Expected: In all units for the current round or competitor | |
| | Attribute | M/O | Value | Description |
| | Value | M | Numeric ##0 or SC @Round or S(20) | In speed send the current heat number in qualification or the round in the finals (QFNL1, QFNL2, ... SFNL1, SFNL2, FNL1, FNL2) In bouldering and lead send the current competitor ID. |
| DISPLAY | NEXT | Numeric 0 | Pos Description: Send the boulder number in bouldering. Element Expected: In all units for the current round or competitor | |
| | Attribute | M/O | Value | Description |
| | Value | M | Numeric ##0 or SC @Round or S(20) | Send the next heat number in qualification or the round in the finals (QFNL1, QFNL2, ... SFNL1, SFNL2, FNL1, FNL2) In bouldering and lead send the next competitor ID. |
| UI | ISOLATION_OPEN | N/A | Pos Description: N/A Element Expected: In Speed Qualification, Bouldering and Lead. | |
| | Attribute | M/O | Value | Description |
| | Value | M | hh:mm | Send the isolation opening time. |
| UI | ISOLATION_CLOSE | N/A | Pos Description: N/A Element Expected: In Speed Qualification, Bouldering and Lead. | |
| | Attribute | M/O | Value | Description |
| | Value | M | hh:mm | Send the isolation closing time. |
| UI | OBSERVE_TIME | N/A | Pos Description: N/A Element Expected: In Lead only. | |
| | Attribute | M/O | Value | Description |
| | Value | M | hh:mm | Send the allowed observation time. |



| Element: ExtendedInfos /ExtendedInfo (0,N) | | | |
|--|------------|-------|---|
| Type | Code | Pos | Description |
| UI | CLIMB_TIME | N/A | Pos Description: N/A Element Expected: In Lead and Bouldering. |
| Attribute | M/O | Value | Description |
| Value | M | hh:mm | Send the allowed climbing time. |

Sample

```
<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="UI" Code="CLIMB_TIME" Value="5:00" />
  <ExtendedInfo Type="DISPLAY" Code="CURRENT" Value="3" />
  <ExtendedInfo Type="SPEED" Code="ID" Value="1" >
    <Extension Code="ID" Pos="1" Value="1123054" />
    <Extension Code="ID" Pos="2" Value="1056610" />
  </ExtendedInfo>
  <ExtendedInfo Type="SPEED" Code="ID" Value="2" >
    <Extension Code="ID" Pos="1" Value="1086721" />
    <Extension Code="ID" Pos="2" Value="1123054" />
  </ExtendedInfo>
  <ExtendedInfo Type="SPEED" Code="ID" Value="3" >
    <Extension Code="ID" Pos="1" Value="1066055" />
    <Extension Code="ID" Pos="2" Value="1086721" />
</ExtendedInfos>
```

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

| Element: ExtendedInfos /VenueDescription (0,1) Venue Names in Text. | | | |
|--|-----|---------------|--|
| Attribute | M/O | Value | Description |
| Venue | M | CC @VenueCode | Venue Code |
| VenueName | M | S(25) | Venue short name (not code) from Common Codes |
| Location | M | CC @Location | Location code |
| LocationName | M | S(30) | Location short name (not code) from Common Codes |



Element: Result (1,N)

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

| Attribute | M/O | Value | Description |
|----------------|-----|-----------------|--|
| Rank | O | Text | Rank of the competitor in the corresponding event unit. |
| RankEqual | O | S(1) | Identifies if a rank has been equaled (Y). Only send if applicable |
| Result | O | Numeric #0.# | The result of the competitor in the event unit. This is the points scored in the unit which is carried to the cumulative score. Send just in the case @ResultType is POINTS. |
| IRM | O | SC @IRM | IRM for the particular unit if applicable. Send just in the case @ResultType is IRM. |
| SortOrder | M | Numeric | Used to sort all the results of an event unit 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. Before the start it is the same as the StartSortOrder. |
| StartOrder | O | Numeric | The order at the start of the unit. In Speed use the reverse order of bib. 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. In Speed use the reverse order of bib. In Bouldering and Lead it is the order on the start list. |
| ResultType | O | SC @ResultType | Type of the @Result attribute. |



| Element: Result /ExtendedResults /ExtendedResult (1,N) | | | | |
|---|--|---------------------|--|--|
| Type | | Code | Pos | Description |
| ER | | TIME | N/A | Element Expected: In lead and qualification in speed |
| Attribute | | M/O | Value | Description |
| Value | | O | s.ff or s.fff or m:ss (lead) | Fastest time in speed Time in lead |
| Sub Element: Result /ExtendedResults /ExtendedResult /Extension Expected: In speed qualification | | | | |
| Attribute | | Value | Description | |
| Code | | LANE | | |
| Pos | | S(1) | Code to indicate the lane, A or B | |
| Value | | s.ff or s.fff | Time of the competitor in the corresponding lane. | |
| ER | | YC | N/A | Element Expected: If applicable |
| Attribute | | M/O | Value | Description |
| Value | | M | S(1) | Send Y is yellow card given. |
| LEAD | | HOLD | N/A | Pos Description: N/A Element Expected: In lead |
| Attribute | | M/O | Value | Description |
| Value | | M | S(10) | Highest hold reached |
| BOULDER | | RESULT | N/A | Pos Description: N/A Element Expected: Bouldering |
| Attribute | | M/O | Value | Description |
| Value | | O | S(10) | Bouldering result |
| Sub Element: Result /ExtendedResults /ExtendedResult /Extension Expected: In bouldering | | | | |
| Attribute | | Value | Description | |
| Code | | BOULDER | | |
| Pos | | #0 | Boulder number, 1, 2... following the number in DT_CONFIG. | |
| Value | | S(1) | Result for this boulder | |
| Sub Element: Result /ExtendedResults /ExtendedResult /Extension Expected: In bouldering | | | | |
| Attribute | | Value | Description | |
| Code | | ATTEMPTS | | |
| Pos | | N/A | | |
| Value | | Numeric #0 | Number of attempts | |



| Element: Result /ExtendedResults /ExtendedResult (1,N) | | | |
|--|---------------|----------------------------|-------------|
| Type | Code | Pos | Description |
| Sub Element: Result /ExtendedResults /ExtendedResult /Extension | | | |
| Expected: In bouldering | | | |
| Attribute | Value | Description | |
| Code | ATTEMPTS_ZONE | | |
| Pos | N/A | | |
| Value | Numeric #0 | Number of attempts to zone | |

Sample

```
<Result SortOrder="1" ResultType="POINTS" Rank="1" Result="1" StartOrder="1" StartSortOrder="1" >
  <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>
</Result>
```

| Element: Result /RecordIndicators /RecordIndicator (1,N) | | | |
|--|-----|----------------|--|
| 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. |
| RecordType | M | CC @RecordType | Code which specifies the level at which the record is broken (e.g. "OB"). Must always send the highest or most relevant record type. For example if WB and OB then send WB. |
| Equalled | O | S(1) | Send "Y" in the case that the record has been equalled else do not send. |

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

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

| Element: Result /Competitor /Composition /Athlete /EventUnitEntry (0,N) Individual athletes entry information. | | | |
|---|--------------------|------------|---|
| Type | Code | Pos | Description |
| EUE | START_TIME | N/A | Description of @Pos: N/A Element's Expected: Always for bouldering |
| | Attribute | M/O | Value |
| | Value | M | hh:mm:ss |
| | Description | | Send the Start time for the competitor. Do not remove leading zeros. |
| EUE | QUAL_RANK | N/A | Description of @Pos: N/A Element's Expected: In Speed Finals |
| | Attribute | M/O | Value |
| | Value | M | Numeric 0 |
| | Description | | Rank from qualification round. |

Sample

```
<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" />
      <EventUnitEntry Type="EUE" Code="START_TIME" Value="14:20" />
    </Athlete>
  </Composition>
</Competitor>
....
```

2.2.2.5 Message Sort

Sort by Result @SortOrder



2.2.3 Cumulative Results

2.2.3.1 Description

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

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

2.2.3.2 Header Values

The following table describes the message header attributes.

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



2.2.3.3 Trigger and Frequency

The cumulative results accumulate results over a number of units so are generally sent after each DT_RESULT message if the cumulative message applies. 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.

2.2.3.4 Message Values

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

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

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



| Element: Result (1,N) | | | |
|------------------------------|------------|-----------------------|---|
| Attribute | M/O | Value | Description |
| Rank | O | Text | Rank of the competitor in the cumulative result. This attribute is optional because the competitor could get an invalid rank mark. |
| RankEqual | O | S(1) | Identifies if a rank has been equalled. Only send if applicable, in that case send "Y". |
| ResultType | O | SC @ResultType | Type of the @Result attribute. Result type, either points or IRM for the cumulative result. |
| Result | O | Numeric ##0.# | The cumulative result of the competitor. Send just in the case @ResultType is POINTS |
| IRM | O | SC @IRM | The invalid result mark for the cumulative result, if applicable. Only just 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 ###0 | Points behind leader. 0 for the leader (combined events) |
| SortOrder | M | Numeric | This attribute is a sequential number with the order of the results for the cumulative result, if they were to be presented. It is mostly based on the rank, but it should be used to sort out rank ties as well as results without rank. |

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

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



| Element: Result /ResultItems /ResultItem /Result (1,1) | | | |
|--|-----|----------------|--|
| Attribute | M/O | Value | Description |
| Result | O | S(6) | Send the points or “-“ if appropriate. |
| ResultType | O | SC @ResultType | Type of the @Result attribute. POINTS or IRM if applicable |
| IRM | O | SC @IRM | The invalid rank mark, in case it is assigned for the event unit or phase identified by /ResultItems /ResultItem. Send just in the case @ResultType is IRM. |
| SortOrder | M | Numeric | Used to sort all results in the phase identified by phase identified by @Unit at /ResultItems /ResultItem. |

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

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

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



Sample

```
<Result Rank="1" ResultType="POINTS" Result="15" SortOrder="1" >
  <ResultItems>
    <ResultItem Unit="CLBMCOMBINED-----FNL-0001SP00" Order="1" >
      <Result ResultType="POINTS" Result="3" SortOrder="3" />
    </ResultItem>
    <ResultItem Unit="CLBMCOMBINED-----FNL-0001BL--" Order="2" >
      <Result ResultType="POINTS" Result="4" SortOrder="4" />
    </ResultItem>
  </ResultItems>
  <Competitor Code="20217432" Type="A" Organisation="SUI">
    <Composition>
      <Athlete Code="20217432" Order="1">
        <Description GivenName="Jon" FamilyName="Smith" Gender="M" Organisation="SUI"
        BirthDate="1994-12-15" />
      </Athlete>
    </Composition>
  </Competitor>
</Result>
....
```

2.2.3.5 Message Sort

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



2.2.4 Brackets

2.2.4.1 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 climbing the message only applies to the speed final.

2.2.4.2 Header Values

The following table describes the message header attributes.

| Attribute | Value | Comment |
|-----------------|----------------------------|--|
| CompetitionCode | CC @Competition | Unique ID for competition |
| DocumentCode | Full RSC | Full RSC of the 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: START_LIST (when the draw initially made) INTERMEDIATE (during the competition after each race) OFFICIAL (when all races official) |
| FeedFlag | "P"-Production "T"-Test | Test message or production message. |
| Date | Date | Date when the message is generated, expressed in the local time zone where the message was produced. |
| Time | Time | Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced. |
| LogicalDate | Date | Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight. If an event unit continues after midnight (24:00), all messages produced will be considered as happening at the logical date on which the event unit began (e.g. for a session which began at 21:00 on Aug 2 and ended at 1:20 on Aug 3, the message will all be dated Aug 2). The end of the logical day is defined by default at 03:00 a.m. For messages corrections, like invalidating medals or Records, it will be the LogicalDate of the day of the correction. Logical Date is expressed in the local time zone where the message was produced. |
| Source | SC @Source | Code indicating the system which generated the message. |



2.2.4.3 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.

2.2.4.4 Message Values

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

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

| Element: 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: Bracket /BracketItems (1,N) | | | |
|--------------------------------------|-----|------------------|---|
| Attribute | M/O | Value | Description |
| Code | M | SC @BracketItems | Each BracketItems should include all BracketItem grouped by their SC @BracketItems. |



| Element: Bracket /BracketItems /BracketItem (1,N) | | | |
|---|-----|---------------|--|
| Attribute | M/O | Value | Description |
| Code | O | SC @Round | Send the round (QFNL1, QFNL2, ... SFNL1, SFNL2, FNL1, FNL2) |
| Order | M | Numeric | 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: 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 ### | 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 race. |
| IRM | O | SC @IRM | The invalid rank 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: Bracket /BracketItems /BracketItem /CompetitorPlace /ExtCompPlaces /ExtCompPlace | | | | |
|---|------------------|------------|---|---|
| Type | Code | Pos | Description | |
| ER | YC | N/A | Element Expected: If applicable | |
| | Attribute | M/O | Value | Description |
| | Value | M | S(1) | Send Y if the competitor has a yellow card else extension not sent. |
| ER | QUAL | N/A | Element Expected: In the first round only | |
| | Attribute | M/O | Value | Description |
| | Value | M | Numeric 0 | Send the rank in qualification. |



| Element: 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. | | | |
| Attribute | M/O | Value | Description |
| Value | O | SC @Round | If the competitor in the current unit is unknown due to coming from previous matches 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: Bracket /BracketItems /BracketItem /CompetitorPlace /Competitor (0,1) | | | |
|---|------------|------------------------------|------------------------------------|
| CompetitorPlace @Pos competitor related to the bracket item. Only include if the competitor is known . | | | |
| 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: 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: 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 |

2.2.4.5 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.



2.2.5 Records

2.2.5.1 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.

2.2.5.2 Header Values

The following table describes the message header attributes.

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



2.2.5.3 Trigger and Frequency

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

2.2.5.4 Message Values

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

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

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

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



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



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

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

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

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

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

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

Athletes extended information.

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

2.2.5.5 Message Sort

The following order applies:

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



2.2.6 Event Final Ranking

2.2.6.1 Description

The event final ranking is a message containing the competitor 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 Rank Mark (disqualified, etc.), or both.

2.2.6.2 Header Values

The following table describes the message header attributes.

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



2.2.6.3 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.

2.2.6.4 Message Values

| Element: ExtendedInfos /SportDescription (0,1) | | | |
|--|-----|----------------------|---|
| Sport Description in text | | | |
| Attribute | M/O | Value | Description |
| DisciplineName | M | S(40) | Discipline name (not code) from Common Codes |
| EventName | M | S(40) | Event name (not code) from Common Codes. Must be included if it is a single event |
| Gender | M | CC @DisciplineGender | Gender code for the event unit. Must be included if it is a single gender |

| Element: ExtendedInfos /VenueDescription (0,1) | | | |
|---|-----|---------------|---|
| 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 short name (not code) from Common Codes |

| Element: Result (1,N) | | | |
|--|-----|----------------|--|
| For any event final ranking message, there should be at least one competitor being awarded a result for the event. | | | |
| Attribute | M/O | Value | Description |
| Rank | O | Text | Final rank of the competitor in the corresponding event. |
| RankEqual | O | S(1) | Identifies if a rank has been equalled. Send Y if applicable |
| ResultType | O | SC @ResultType | Type of the @Result attribute, either POINTS or IRM for the corresponding event unit. |
| Result | O | Numeric | Result for the highest phase reached. |
| IRM | O | SC @IRM | The invalid rank mark, send if applicable. |
| SortOrder | M | Numeric | This attribute is a sequential number with the order of the results for the particular event, if they were to be presented. It is mostly based on the rank, but it should be used to sort out rank ties as well as results without rank. |



| Element: Result /ExtendedResults /ExtendedResult (1,N) | | | |
|--|-------|-----------|---|
| Type | Code | Pos | Description |
| ER | PHASE | N/A | Element Expected: Always |
| Attribute | M/O | Value | Description |
| Value | M | CC @Phase | Full RSC Phase code of the highest phase reached. |

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

| Element: Result /Competitor /Composition /Athlete (1,N) | | | |
|---|-----|------------------------------|--|
| Attribute | M/O | Value | Description |
| Code | M | S(20) with no leading zeroes | Athlete's ID |
| Order | M | Numeric | Order attribute. Send 1 when Competitor @Type="A". |
| Bib | O | S(4) | Bib |

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

2.2.6.5 Message Sort

Sort by Result @SortOrder



2.2.7 Configuration

2.2.7.1 Description

The Configuration is a message containing general configuration.

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

2.2.7.2 Header Values

The following table describes the message header attributes.

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

2.2.7.3 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.



2.2.7.4 Message Values

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

Sample

```
<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" />
  <ExtendedConfig Type="EC" Code="BOULDER" Pos="4" Value="4" />
</ExtendedConfig>
</Config>
```

2.2.7.5 Message Sort

There is no message sorting rule.



3 Document Control

| Version history | | |
|-----------------|---------------|----------------------------|
| Version | Date | Comments |
| v1.0 | 20 Feb 2018 | First version |
| V1.1 | 26 July 2018 | Updated after Omega review |
| V2.0 | 8 August 2018 | Updated |
| | | |
| | | |
| | | |

File Reference: ODF R-SOG-2020-CLB V2.0 SFA

| Change Log | | |
|------------|--------|---|
| Version | Status | Changes on version |
| v1.0 | SFR | First version |
| V1.1 | SFA | DT_RESULT: Correct typo INSOLATION -> ISOLATION DT_RESULT: Correct type CLIMB TIME -> CLIMB_TIME DT_RESULT: Correct typo in Result /Competitor /Composition /Athlete /EventUnitEntry (applicable in bouldering). DT_RESULT: Update ExtendedInfos DISPLAY to support the competition format in bouldering DT_BRACKET: Bracket /BracketItems /BracketItem @Result removed (typo) DT_BRACKET: Update to clarify it is only needed for the speed final. Section 1.4: Note that records not applicable in Youth Olympic Games. |
| V2.0 | SFA | CR 15039: Add DT_PARTIC_NAME to applicable messages. CR 16671: Add TVFamilyName in DT_PARTIC message. CR16537: Move LAST_UNIT to ExtendedInfos/Progress in cumulative results CR 16628: DT_BRACKETS: Add attributes to remove some extensions. Clarify previous unit. |
| | | |