



INTERNATIONAL OLYMPIC COMMITTEE

ODF/INT411 R-WOG-2018-ALP-v2.5 APP

# Olympic Data Feed



**ODF Alpine Skiing Data Dictionary**  
**PyeongChang – XXIII Olympic Winter Games**  
Technology and Information Department  
© International Olympic Committee

ODF/INT411 R-WOG-2018-ALP-v2.5 APP  
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# 1 Introduction

## 1.1 This document

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

## 1.2 Objective

The objective of this document is to provide a complete and formal definition of the ODF Alpine Skiing Data Dictionary, with the intention that the information message producer and the message consumer can successfully interchange the information as the Alpine Skiing 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 Reference | Document Title                          | Document Description   |
|--------------------|---|--|
| ODF/INT400         | ODF Foundation Principles               | The document explains the environment and general principles for ODF |
| ODF/INT401         | ODF General Messages Interface Document | The document describes the ODF General Messages                      |
| ODF/COD404         | Common Codes                            | The document describes the ODF Common codes                          |



| <b>Document Reference</b> | <b>Document Title</b> | <b>Document Description</b>   |
|---------------------------|-----------------------|---|
|                           |                       | used across all ODF documents.  |
| ODF/COD405                | ODF Sport Codes       | This document describes the ODF specific codes used in this sport                         |
| ODF/COD406                | ODF Header Values     | The document details the header values which shows which RSCs are used in which messages. |



## 2 Messages

### 2.1 Message Summary

The general plan for messages in this sport is:

#### Individual One Run Events

- DT\_RESULT for the full event (unit)
- DT\_CURRENT during each unit

#### Individual Two Run Events

- DT\_RESULT for each run (unit)
- DT\_CURRENT during each unit
- DT\_CUMULATIVE\_RESULT for overall result of the event

#### Team Event

- DT\_PARTIC\_TEAM for the roster for each team
- DT\_RESULT for each run in each heat (unit). Two athletes.
- DT\_CURRENT during each unit where win criteria apply
- DT\_RESULT for overall result of the heat (multiple runs)
- DT\_BRACKETS for the progression in the event





## 2.2 Applicable Messages

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

- 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<br>DT_SCHEDULE_UPDATE         | / Competition schedule / Competition schedule update                             |                   |
| DT_PARTIC<br>DT_PARTIC_UPDATE             | / List of participants by discipline / List of participants by discipline update | <a href="#">X</a> |
| DT_PARTIC_TEAMS<br>DT_PARTIC_TEAMS_UPDATE | / List of teams / List of teams update   | <a href="#">X</a> |
| 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  | <a href="#">X</a> |
| DT_CURRENT                                | Current Information  | <a href="#">X</a> |
| DT_CUMULATIVE_RESULT                      | Cumulative Results   | <a href="#">X</a> |
| DT_BRACKETS                               | Brackets   | <a href="#">X</a> |
| DT_RANKING                                | Event Final Ranking  | <a href="#">X</a> |
| DT_COMMUNICATION                          | Communication  |                   |
| DT_CONFIG                                 | Configuration  | <a href="#">X</a> |
| DT_FED_RANKING                            | Federation Ranking   | <a href="#">X</a> |
| DT_WEATHER                                | Event Unit Weather conditions  | <a href="#">X</a> |
| 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                          |  |
| DT_PRESENTER             | Medal Presenters                    |  |



## 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.

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.

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 and Reserves.

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 | <a href="#">CC @Competition</a> | Unique ID for competition                  |
| DocumentCode    | Full RSC (discipline level)     | 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<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                       | <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      | <a href="#">SC @Source</a> | 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 |
|-----------------------------------|-----------------------------------|---------|---------|---------|---------|
| <a href="#">Competition (0,1)</a> |                                   |         |         |         |         |
|                                   | <a href="#">Participant (1,N)</a> |         |         |         |         |



|                                       |
|---------------------------------------|
| Code                                  |
| Parent                                |
| Status                                |
| GivenName                             |
| FamilyName                            |
| PrintName                             |
| PrintInitialName                      |
| TVName                                |
| TVInitialName                         |
| LocalFamilyName                       |
| LocalGivenName                        |
| Gender                                |
| Organisation                          |
| BirthDate                             |
| Height                                |
| Weight                                |
| PlaceofBirth                          |
| CountryofBirth                        |
| PlaceofResidence                      |
| CountryofResidence                    |
| Nationality                           |
| MainFunctionId                        |
| Current                               |
| OlympicSolidarity                     |
| ModificationIndicator                 |
| <a href="#">Discipline (1,1)</a>      |
| Code                                  |
| IFId                                  |
| <a href="#">RegisteredEvent (0,N)</a> |
| Event                                 |
| Bib                                   |
| <a href="#">EventEntry (0,N)</a>      |



|                                |                              |
|--------------------------------|------------------------------|
|                                | Code<br>Type<br>Pos<br>Value |
| <u>OfficialFunction (0..N)</u> | FunctionId                   |

### 2.3.1.5 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</p>                                 |



|                    |   |                                  |   |
|--------------------|---|----------------------------------|---|
|                    |   |                                  | Name (particularly for women changing their name at marriage). Further to be clear, @Parent and @Code can only be different if Current = "false".   |
| Status             | O | <a href="#">CC @ParticStatus</a> | Participant's accreditation status this attribute is Mandatory in the case of @Current="true" and it is optional in the case that @Current="false".<br><br>To delete a participant, a specific value of the Status attribute is used. |
| GivenName          | O | S(25)                            | Given name in WNPA format (mixed case)  |
| FamilyName         | M | S(25)                            | Family name in WNPA format (mixed case)   |
| 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   |
| 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 | <a href="#">CC @PersonGender</a> | Participant's gender  |
| Organisation       | M | <a href="#">CC @Organisation</a> | 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.<br>"-" 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.<br>This information is not needed in the case of officials/referees.<br>"-" may be used where the data is not available.                                   |
| PlaceofBirth       | O | S(75)                            | Place of Birth  |
| CountryofBirth     | O | <a href="#">CC @Country</a>      | Country ID of Birth   |
| PlaceofResidence   | O | S(75)                            | Place of Residence  |
| CountryofResidence | O | <a href="#">CC @Country</a>      | Country ID of Residence   |



|                       |   |                                     |   |
|-----------------------|---|-------------------------------------|---|
| Nationality           | O | <a href="#">CC @Country</a>         | 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 | <a href="#">CC @ResultsFunction</a> | 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)                                | 'Y' or 'N'<br>Flag to indicating if the participant participates in the Olympic Scholarship program.  |
| 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: 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   | <a href="#">CC @Discipline</a> | Full RSC of the Discipline  |
| IFId      | O   | S(16)                          | Competitor's federation number for the corresponding discipline (include if the discipline assigns international federation codes to athletes). |





| <b>Element: Participant /Discipline /RegisteredEvent (0,N)</b>  |            |                           |   |
|---|------------|---------------------------|---|
| <b>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.</b> |            |                           |   |
| <b>Attribute</b>  | <b>M/O</b> | <b>Value</b>              | <b>Description</b>                                      |
| Event   | M          | <a href="#">CC @Event</a> | Full RSC of the Event                                   |
| Bib   | O          | S(5)                      | Bib number.<br>Send only in the Case of Current="true". |

| <b>Element: Participant /Discipline /RegisteredEvent /EventEntry (0,N)</b> |                  |            |  |  |
|--|------------------|------------|--|--|
| <b>Send if there are specific athlete's event entries.</b>                 |                  |            |  |  |
| <b>Type</b>  | <b>Code</b>      | <b>Pos</b> | <b>Description</b>   |  |
| ENTRY  | RANK_WLD         | N/A        | Element Expected:<br>When available. In _UPDATE message only.<br>(only generic events are collected in sports entries) |  |
|  | <b>Attribute</b> | <b>M/O</b> | <b>Value</b>   | <b>Description</b>   |
|  | Value            | O          | S(4)   | FIS Rank of the athlete  |
| ENTRY  | RANK_PTS         | N/A        | Element Expected:<br>When available. In _UPDATE message only<br>(only generic events are collected in sports entries)  |  |
|  | <b>Attribute</b> | <b>M/O</b> | <b>Value</b>   | <b>Description</b>   |
|  | Value            | O          | S(6)   | FIS points (for this event).<br>Send "-" for the competitors who do not have points. Usually in format ##0.00. |

| <b>Element: Participant /OfficialFunction (0,N)</b>                         |            |                                     |                                     |
|---|------------|-------------------------------------|-------------------------------------|
| <b>Send if the official has optional functions. Do not send, otherwise.</b> |            |                                     |                                     |
| <b>Attribute</b>  | <b>M/O</b> | <b>Value</b>                        | <b>Description</b>                  |
| FunctionId  | M          | <a href="#">CC @ResultsFunction</a> | Additional officials' function code |

### 2.3.1.6 Message Sort

The message is sorted by Participant @Code



## 2.3.2 List of teams / List of teams update

### 2.3.2.1 Description

The List of teams message contains the list of teams related to the current competition.

A team is a type of competitor, being a group of two or more individual athletes participating together in one event. Pairs (tennis, figure skating, etc.) are also defined as team of two competitors. One team participates in one event of one discipline. When one team participates in multiple events, there will be one team for each event for the same group. Also when the same organisation participates in the same event twice, there will be different teams.

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

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

### 2.3.2.2 Header Values

The following table describes the message header attributes.

| Attribute       | Value   | Comment   |
|-----------------|---|---|
| CompetitionCode | <a href="#">CC @Competition</a>                 | Unique ID for competition   |
| DocumentCode    | Full RSC (discipline level)                     | Full RSC at the discipline level  |
| DocumentType    | DT_PARTIC_TEAMS /<br>DT_PARTIC_TEAMS_UP<br>DATE | List of participant teams 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. |



|        |                            |  |
|--------|----------------------------|--|
|        |                            | <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 | <a href="#">SC @Source</a> | Code indicating the system which generated the message.  |

### 2.3.2.3 Trigger and Frequency

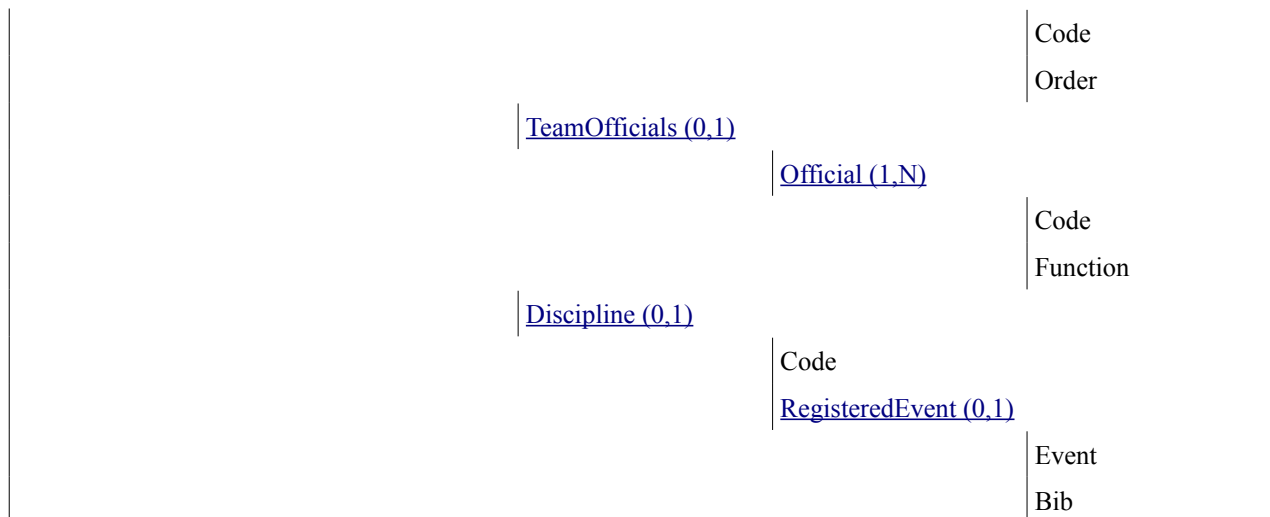
The DT\_PARTIC\_TEAMS message is sent as a bulk message approximately one month before the Games. It is sent several times up to the date of transfer of control to OVR after which only DT\_PARTIC\_TEAMS\_UPDATE messages are sent.

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

### 2.3.2.4 Message Structure

The following table defines the structure of the message.

| Level 1                           | Level 2                    | Level 3  | Level 4                           | Level 5                       |
|-----------------------------------|----------------------------|--|-----------------------------------|-------------------------------|
| <a href="#">Competition (0,1)</a> | <a href="#">Team (1,N)</a> | Code<br>Organisation<br>Number<br>Name<br>TVTeamName<br>Gender<br>Current<br>ModificationIndicator | <a href="#">Composition (0,1)</a> | <a href="#">Athlete (0,N)</a> |



### 2.3.2.5 Message Values

| Element: Team (1,N) |     |                                      |   |
|---------------------|-----|--------------------------------------|---|
| Attribute           | M/O | Value                                | Description   |
| Code                | M   | S(20) with no leading zeroes         | Team's ID (example ATHM4x400m--ESP01, 393553)<br><br>When the Team is an historical one, then this ID starts with "T".  |
| Organisation        | M   | <a href="#">CC @Organisation</a>     | Team organisation's ID  |
| Number              | O   | Numeric #0                           | Team's number.<br><br>If there is not more than one team for one organisation participating in one event, it is 1. Otherwise, it will be incremental, 1 for the first organisation's team, 2 for the second organisation's team, etc.<br><br>Required in the case of current teams. |
| Name                | O   | S(73)                                | Team's name.<br><br>Send the Description of the code <a href="#">CC@Organisation</a> . It is Optional in the case of List of Team Update when the @ ModificationIndicator=D   |
| TVTeamName          | O   | S(21)                                | Team's TV Name.<br>In head-to-head pairs competitions this should be in the format SMITH/JONES [max char(10) per name] else it is the organisation name unless special rules apply.   |
| Gender              | M   | <a href="#">CC @DisciplineGender</a> | Discipline Gender Code of the Team  |



|                       |   |         |   |
|-----------------------|---|---------|---|
| Current               | M | boolean | It defines if a team is participating in the games (true) or it is a Historical team (false)  |
| ModificationIndicator | M | N, U, D | <p>Attribute is mandatory in the DT_PARTIC_TEAMS_UPDATE message only</p> <p>N-New team (in the case that this information comes as a late entry)<br/>           U-Update team<br/>           D-Delete team</p> <p>If ModificationIndicator='N', then include new team to the previous bulk-loaded list of teams</p> <p>If ModificationIndicator='U', then update the team to the previous bulk-loaded list of teams</p> <p>If ModificationIndicator='D', then delete the team to the previous bulk-loaded list of teams</p> |

**Element: Team /Composition /Athlete (0,N)**

In the case of current teams the number of athletes is 2 or more.

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

**Element: Team /TeamOfficials /Official (1,N)**

Send if there are specific officials for the team. Does not apply to historical teams.

| Attribute | M/O | Value                               | Description  |
|-----------|-----|-------------------------------------|--|
| Code      | M   | S(20) with no leading zeroes        | <p>Official's ID of the listed team's official.</p> <p>Therefore, he/she makes part of the team's officials.</p> |
| Function  | M   | <a href="#">CC @ResultsFunction</a> | Official's function for the team.  |

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

Each team is assigned just to one discipline. Discipline is expected unless ModificationIndicator="D"

| Attribute | M/O | Value                          | Description                |
|-----------|-----|--------------------------------|----------------------------|
| Code      | M   | <a href="#">CC @Discipline</a> | Full RSC of the Discipline |



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

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

| Attribute | M/O | Value                     | Description  |
|-----------|-----|---------------------------|--|
| Event     | M   | <a href="#">CC @Event</a> | Full RSC of the Event                                  |
| Bib       | O   | S(5)                      | Team bib number to be sent in all the team event units |

**2.3.2.6 Message Sort**

The message is sorted by Team @Code.



## 2.3.3 Event Unit Start List and Results

### 2.3.3.1 Description

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

The Event Unit Start List and Results is a mandatory message for all sports.

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

### 2.3.3.2 Header Values

The following table describes the message header attributes.

| Attribute       | Value                            | Comment  |
|-----------------|----------------------------------|--|
| CompetitionCode | <a href="#">CC @Competition</a>  | Unique ID for competition  |
| DocumentCode    | Full RSC                         | Sent according to the ODF Common Codes document (header values).<br><br>For individual events:<br>- one message per race (unit).<br>For team event:<br>- one message per run in a heat (effectively a race) and<br>- one message for each heat (NOC v NOC)   |
| DocumentSubcode | N/A                              | Not used in ALP  |
| DocumentType    | DT_RESULT                        | Event Unit Start List and Results message  |
| DocumentSubtype | N/A                              | Not used in ALP  |
| Version         | 1..V                             | Version number associated to the message's content. Ascendant number   |
| ResultStatus    | <a href="#">SC @ResultStatus</a> | It indicates whether the result is official or unofficial (or intermediate etc).<br>Expected statuses are:<br>START_LIST<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                       | <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      | <a href="#">SC @Source</a> | Code indicating the system which generated the message.   |

### 2.3.3.3 Trigger and Frequency

This message is sent:

(For Individual events):

- \* As soon as the start list is available and any changes [inc. IRMs] (START\_LIST)
- \* When the competition starts and after every split for the current athlete(s) (LIVE)
- \* After the race is finished (UNOFFICIAL / OFFICIAL) as applicable
- \* After any change

(For Team event):

- \* As soon as each competitor is known and the match is confirmed to happen and any changes in start list data of each Heat (START\_LIST)
  - (per Run in a Heat):
    - \* As soon as each competitor is known and any changes in start list data of Run (START\_LIST)
    - \* When the Run starts and after every change in any data (LIVE)
    - \* After the Run is over (UNOFFICIAL)
- \* After a Run is finished (within the Heat), except for the last one (INTERMEDIATE)
- \* After the unit (after the last run in the heat) is over (UNOFFICIAL / OFFICIAL) as applicable.

Note (during a Heat in Team event): When the first Run finishes for example (the status of DT\_RESULT for Run is UNOFFICIAL), and the status of DT\_RESULT for Heat is still in progress



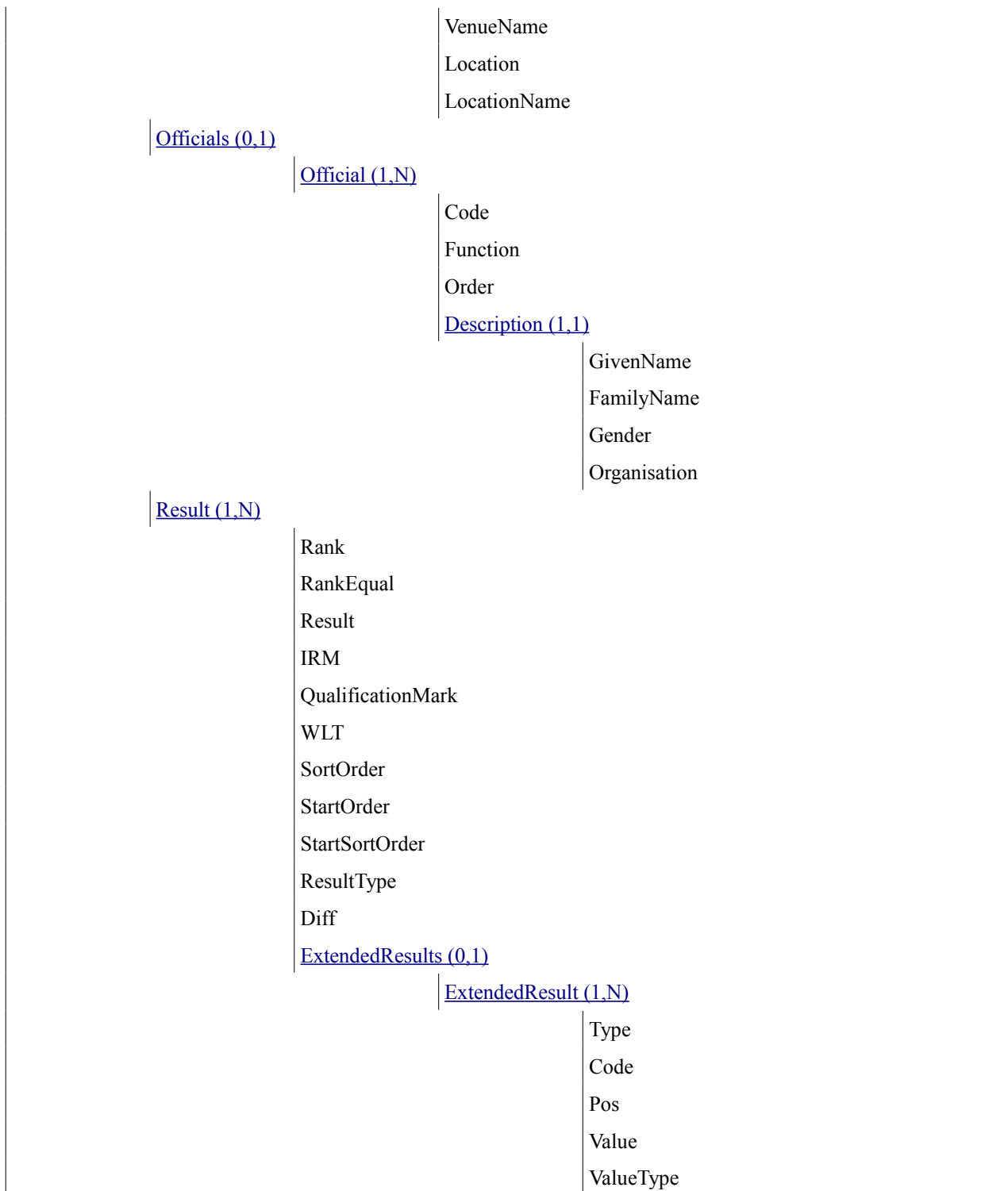


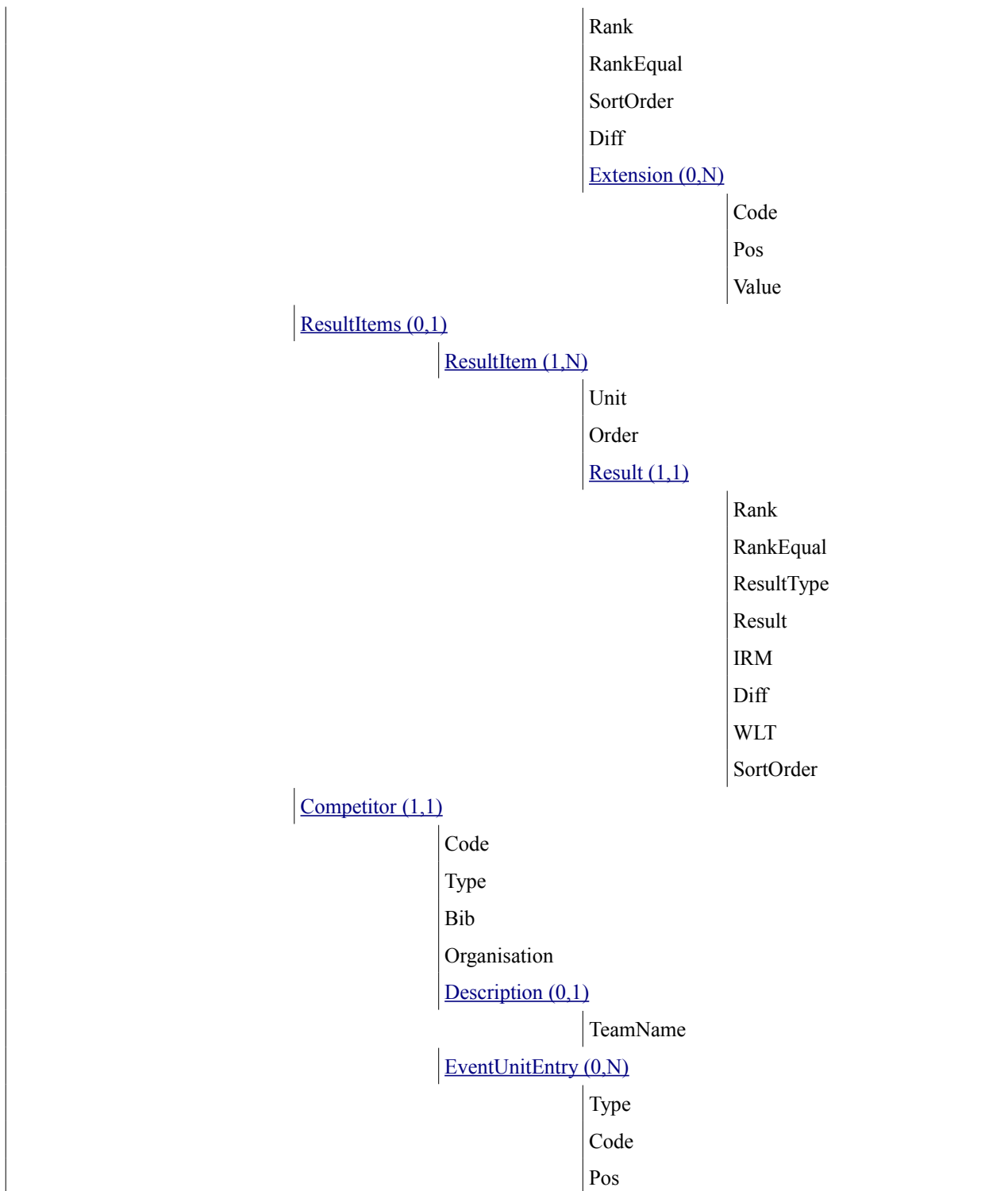
(just an INTERMEDIATE message will be sent after a Run in a Heat), until the Heat finishes (UNOFFICIAL / OFFICIAL).

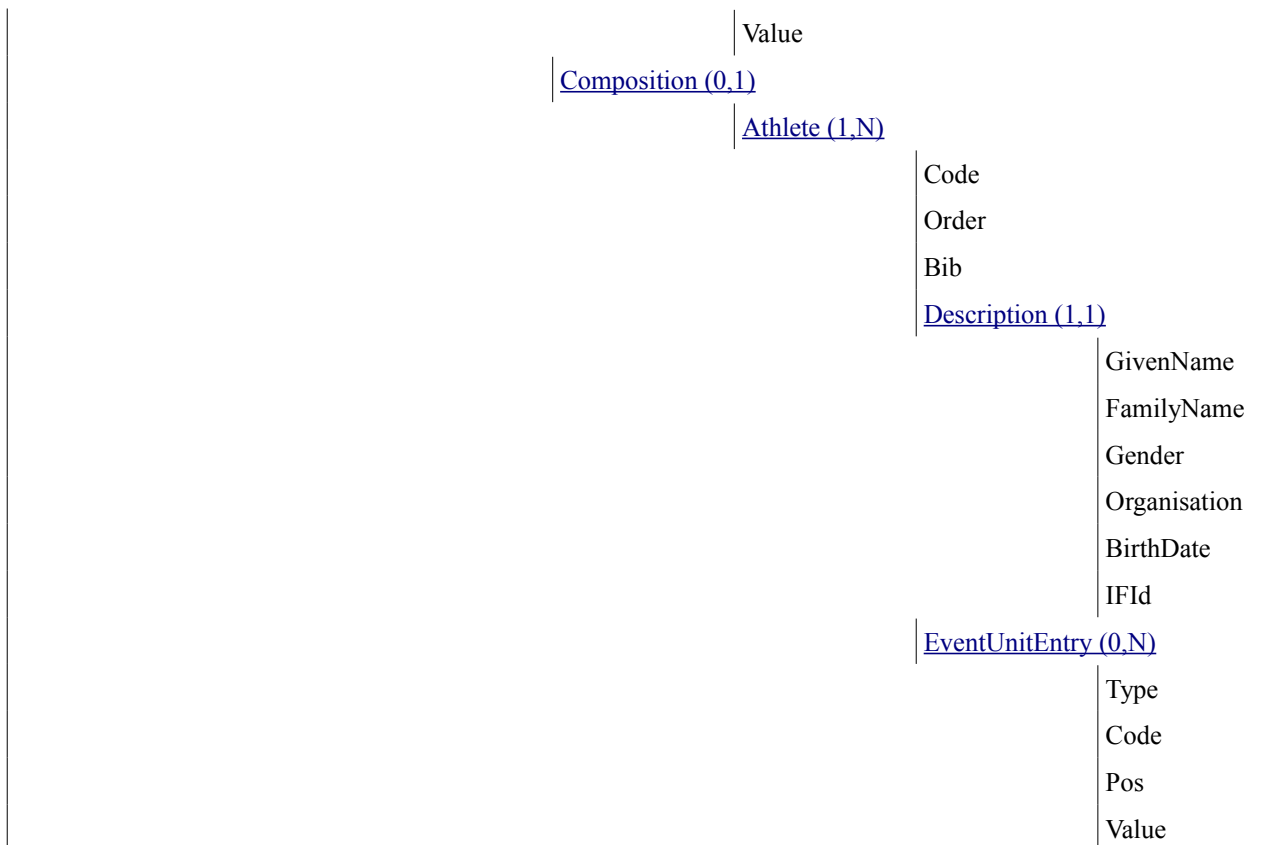
### 2.3.3.4 Message Structure

The following table defines the structure of the message.

| Level 1                           | Level 2                             | Level 3                                | Level 4                          | Level 5                           | Level 6                       | Level 7    |
|-----------------------------------|-------------------------------------|--|----------------------------------|-----------------------------------|-------------------------------|------------|
| <a href="#">Competition (0,1)</a> |                                     |  |                                  |                                   |                               |            |
|                                   | <a href="#">ExtendedInfos (0,1)</a> |  |                                  |                                   |                               |            |
|                                   |                                     | <a href="#">UnitDateTime (0,1)</a>     |                                  |                                   |                               |            |
|                                   |                                     |  | StartDate                        |                                   |                               |            |
|                                   |                                     | <a href="#">ExtendedInfo (0,N)</a>     |                                  |                                   |                               |            |
|                                   |                                     |  | Type                             |                                   |                               |            |
|                                   |                                     |  | Code                             |                                   |                               |            |
|                                   |                                     |  | Pos                              |                                   |                               |            |
|                                   |                                     |  | Value                            |                                   |                               |            |
|                                   |                                     |  | <a href="#">Extension (0,N)</a>  |                                   |                               |            |
|                                   |                                     |  |                                  | Code                              |                               |            |
|                                   |                                     |  |                                  | Pos                               |                               |            |
|                                   |                                     |  |                                  | Value                             |                               |            |
|                                   |                                     |  | <a href="#">Competitor (0,N)</a> |                                   |                               |            |
|                                   |                                     |  |                                  | Organisation                      |                               |            |
|                                   |                                     |  |                                  | Order                             |                               |            |
|                                   |                                     |  |                                  | <a href="#">Composition (0,1)</a> |                               |            |
|                                   |                                     |  |                                  |                                   | <a href="#">Athlete (1,N)</a> |            |
|                                   |                                     |  |                                  |                                   |                               | FamilyName |
|                                   |                                     |  |                                  |                                   |                               | GivenName  |
|                                   |                                     | <a href="#">SportDescription (0,1)</a> |                                  |                                   |                               |            |
|                                   |                                     |  | DisciplineName                   |                                   |                               |            |
|                                   |                                     |  | EventName                        |                                   |                               |            |
|                                   |                                     |  | Gender                           |                                   |                               |            |
|                                   |                                     |  | SubEventName                     |                                   |                               |            |
|                                   |                                     | <a href="#">VenueDescription (0,1)</a> |                                  |                                   |                               |            |
|                                   |                                     |  | Venue                            |                                   |                               |            |







### 2.3.3.5 Message Values

| Element: ExtendedInfos /UnitDateTime (0,1)   |     |          |   |
|--|-----|----------|---|
| Actual start date and time / end date and time. (do not include until unit starts) |     |          |   |
| Attribute  | M/O | Value    | Description   |
| StartDate  | O   | DateTime | Actual start date and time. For multiday units, the start time is on the first day. (Do not include until unit has started) |

| Element: ExtendedInfos /ExtendedInfo (0,N) |           |            |                           |
|--|-----------|------------|---------------------------|
| Type                                       | Code      | Pos        | Description               |
| UI   | GATES_NUM | N/A        | Element Expected: Always  |
| Attribute                                  | M/O       | Value      | Description               |
| Value                                      | O         | Numeric #0 | Send the number of gates. |



|   |                  |               |   |  |
|---|------------------|---------------|---|--|
| UI  |                  | GATES_TURNING | N/A   | Element Expected:<br>Always except downhill  |
|   | <b>Attribute</b> | <b>M/O</b>    | <b>Value</b>  | <b>Description</b>   |
|   | Value            | O             | Numeric<br>##0  | Send the number of turning gates   |
| UI  |                  | FORERUNNER    | Numeric<br>#0   | Pos Description:<br>Send the sequential number, (1..n), to<br>sort the forerunners according to their<br>bib letter<br><br>Element Expected:<br>Always if forerunner.                                |
|   | <b>Attribute</b> | <b>M/O</b>    | <b>Value</b>  | <b>Description</b>   |
|   | Value            | O             | <a href="#">SC @ForerunnerBib</a>   | Forerunners bib letter (in upper case)<br>(e.g.: A, B ...)   |
| UI  |                  | RULE          | Numeric<br>#0   | Pos Description:<br>Sequential number (from 1 to n) for<br>each of reasons for disqualification.<br>Used for ordering.<br><br>Element Expected:<br>If any athletes disqualified with rule<br>reason. |
|   | <b>Attribute</b> | <b>M/O</b>    | <b>Value</b>  | <b>Description</b>   |
|   | Value            | O             | String  | Rule identifier for which the skier was<br>disqualified (e.g.: "629.3").<br>(Links to ExtendedResults rule)  |
| <b>Sub Element: ExtendedInfos /ExtendedInfo /Extension</b><br><b>Expected: If any athletes disqualified with rule reason.</b> |                  |               |   |  |
|   | <b>Attribute</b> | <b>Value</b>  | <b>Description</b>  |  |
|   | Code             | DESC          |   |  |
|   | Pos              | N/A           |   |  |
|   | Value            | String        | Text of the reason for disqualification (in ENG),<br>(e.g.: "Did not pass through a gate correctly (art. 661.4)") |  |
| UI  |                  | STARTERS      | N/A   | Element Expected:<br>Always after status START_LIST  |
|   | <b>Attribute</b> | <b>M/O</b>    | <b>Value</b>  | <b>Description</b>   |
|   | Value            | O             | Numeric<br>##0  | Sent the number of competitors on the<br>start list  |
| <b>Sub Element: ExtendedInfos /ExtendedInfo /Extension</b><br><b>Expected: Always after status START_LIST</b>                 |                  |               |   |  |



|         | Attribute | Value          | Description  |  |
|---------|-----------|----------------|--|--|
|         | Code      | COMPLETE       |  |  |
|         | Pos       | N/A            |  |  |
|         | Value     | Numeric<br>##0 | Send the number of competitors whose event unit is completed (includes IRMs) |  |
| UI      |           | LAST_UNIT      | N/A  | Element Expected:<br>Always in team overall message after it has started   |
|         | Attribute | M/O            | Value  | Description  |
|         | Value     | O              | S(34)  | Full RSC of the first unit (if not started), current (if live) or most recent unit information included in the message |
| UI      |           | F-FACTOR       | N/A  | Element Expected:<br>Always after status START_LIST (individual events - N/A for Training)                             |
|         | Attribute | M/O            | Value  | Description  |
|         | Value     | O              | Numeric  | F-Factor   |
| DISPLAY |           | LAST_COMP      | N/A  | Element Expected:<br>When available and only when the unit is LIVE   |
|         | Attribute | M/O            | Value  | Description  |
|         | Value     | O              | S(20) without leading zeroes   | Send the competitor ID of the last competitor to compete and receive a result.   |

**Sample (Individual event)**



```

...
<ExtendedInfos>
  <UnitDateTime StartDate="2014-02-10T11:00:00+04:00" />
  <ExtendedInfo Type="UI" Code="GATES_NUM" Value="59" />
  <ExtendedInfo Type="UI" Code="GATES_TURNING" Value="58" />
  <ExtendedInfo Type="UI" Code="FORERUNNER" Pos="1" Value="A">
    <Competitor Organisation="RUS" Order="1" >
      <Composition>
        <Athlete FamilyName="ZAYTSEV" GivenName="S." />
      </Composition>
    </Competitor>
  </ExtendedInfo>
  <ExtendedInfo Type="UI" Code="FORERUNNER" Pos="2" Value="B">
    <Competitor Organisation="RUS" Order="2" >
      <Composition>
        <Athlete FamilyName="NIKITIN" GivenName="P." />
      </Composition>
    </Competitor>
  </ExtendedInfo>
...

```

**Element: ExtendedInfos /ExtendedInfo /Competitor (0,N)**

Used for forerunners and similar who do not participate in the competition. Not usually part of DT\_PARTIC.

| Attribute    | M/O | Value                            | Description   |
|--------------|-----|----------------------------------|---|
| Organisation | O   | <a href="#">CC @Organisation</a> | Add in the extension FORERUNNER if the extension is applicable. Organisation ID of the forerunner |
| Order        | M   | Numeric #0                       | Order of the forerunner in the unit.  |

**Element: ExtendedInfos /ExtendedInfo /Competitor /Composition /Athlete (1,N)**

Used when the ExtendedInfo is related to a person or a team member.

The FamilyName and GivenName because, in many cases, the person related to the ExtendedInfo is not an athlete.

| Attribute  | M/O | Value | Description                   |
|------------|-----|-------|-------------------------------|
| FamilyName | M   | S(25) | Family name of the forerunner |
| GivenName  | O   | S(25) | Given name of the forerunner  |

**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   | <a href="#">CC @DisciplineGender</a> | Gender code for the event unit                     |
| SubEventName   | M   | S(40)                                | Event Unit short name (not code) from Common Codes |

**Element: ExtendedInfos /VenueDescription (0,1)**

**Venue Names in Text.**

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

**Element: Officials /Official (1,N)**

| Attribute | M/O | Value                               | Description  |
|-----------|-----|-------------------------------------|--|
| Code      | M   | S(20) with no leading zeroes        | Official's code  |
| Function  | M   | <a href="#">CC @ResultsFunction</a> | Official's function (example: referee, etc.).<br>Can be different from the function sent in the DT_PARTIC message. |
| Order     | O   | Numeric                             | Order of officials.  |

**Element: Officials /Official /Description (1,1)**

**Officials 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   | <a href="#">CC @PersonGender</a> | Gender of the official                  |
| Organisation | M   | <a href="#">CC @Organisation</a> | Officials' organisation                 |

**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 | S(3)                                  | Rank of the competitor in the event unit (not cumulative) for individual event.<br>Do not send in team event (run or overall)   |
| RankEqual         | O | S(1)                                  | Send 'Y' if the rank is equalled, else do not send.<br>Do not send in team event (run or overall)   |
| Result            | O | m:ss.ff<br>Or<br>S(1)                 | Time for the particular event unit (not cumulative) in individual events and runs in team event.<br>Points in the team overall message.<br>Send just in the case @ResultType is TIME or POINTS  |
| IRM               | O | <a href="#">SC @IRM</a>               | Invalid result mark (IRM) for the event unit<br>Send only in the case @ResultType is IRM  |
| QualificationMark | O | <a href="#">SC @QualificationMark</a> | For team overall only, when the team is qualified by points and it can't change anymore (Q), or when tie breaking rule is applied and is qualified by time (QT), or by bib (QB), or when the team won one of the final and it can't change anymore (W or w)   |
| WLT               | O | <a href="#">SC @WLT</a>               | Code whether the competitor won, lost or tied the unit in head to head.   |
| SortOrder         | M | Numeric<br>##0                        | 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. Prior to the unit the order is the same as StartSortOrder (even if some have IRM)<br><br>Updated during the race with the current order, which is those with rank followed by those with IRM followed by those who have not started.<br><br>Sort order does not change in head-to-head units. |
| StartOrder        | O | Numeric<br>##0                        | The start order of the unit. Do not send for DNS.   |
| StartSortOrder    | M | Numeric<br>##0                        | Used to sort all start list competitors in an event unit. StartSortOrder remains the same as the initial one in case of DNS competitors.  |
| ResultType        | O | <a href="#">SC @ResultType</a>        | Type of the @Result attribute.  |
| Diff              | O | +m:ss.ff                              | Time behind leader in the unit (only for those with a result). 0.00 for the leader. Do not send leading zeros. Only send in the case @ResultType is TIME  |

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



| Type     | Code               | Pos        | Description   |
|----------|--------------------|------------|---|
| ER       | DIFF_M             | N/A        | Element Expected:<br>When available in speed events and athlete sets a valid finish time                            |
|          | <b>Attribute</b>   | <b>M/O</b> | <b>Value</b>  |
|          | Value              | O          | Numeric<br>##0.00   |
|          | <b>Description</b> |            | Distance behind the leader (after run) in meters. Do not send for the leader.                                       |
| ER       | SPEED_AVG          | N/A        | Element Expected:<br>When available in speed events   |
|          | <b>Attribute</b>   | <b>M/O</b> | <b>Value</b>  |
|          | Value              | O          | Numeric<br>##0.00   |
|          | <b>Description</b> |            | Average speed in km/h   |
| ER       | POT_DSQ            | N/A        | Element Expected:<br>If applicable  |
|          | <b>Attribute</b>   | <b>M/O</b> | <b>Value</b>  |
|          | Value              | O          | S(1)  |
|          | <b>Description</b> |            | Send "Y" if the competitor is a potential disqualification in this unit, else do not send                           |
| ER       | RE_RUN             | N/A        | Element Expected:<br>If applicable  |
|          | <b>Attribute</b>   | <b>M/O</b> | <b>Value</b>  |
|          | Value              | O          | S(1)  |
|          | <b>Description</b> |            | Send "Y" if the competitor is granted a Re-Run else do not send. Do not send after Re-Run complete                  |
| ER       | DSQ_GATE           | N/A        | Element Expected:<br>If applicable  |
|          | <b>Attribute</b>   | <b>M/O</b> | <b>Value</b>  |
|          | Value              | O          | S(3)  |
|          | <b>Description</b> |            | Gate number at which the competitor was disqualified  |
| ER       | RULE               | N/A        | Element Expected:<br>If applicable  |
|          | <b>Attribute</b>   | <b>M/O</b> | <b>Value</b>  |
|          | Value              | O          | String  |
|          | <b>Description</b> |            | Rule identifier for which the skier was disqualified (e.g.: "629.3").<br>(Links to ExtendedInfo description.        |
| PROGRESS | INTERMEDIATE       | S(2)       | Pos Description:<br>Intermediate point where the intermediate time is recorded (1, 2...F).<br><br>Element Expected: |



|  |           |   | When data is available (individual events). If the competitor has a valid Time and Rank at the intermediate point then it must be sent despite the fact that the competitor receives an overall IRM later in the race.   |
|--|-----------|---|--|
| Attribute  | M/O       | Value   | Description  |
| Value  | O         | m:ss.ff   | Cumulative time at the intermediate point in the current run (not cumulative over all runs). Do not send minutes if zero. If the competitor has a valid Time at the intermediate point then it must be sent despite the fact that the competitor receives an overall IRM later in the race.                            |
| ValueType  | O         | <a href="#">SC @ResultType</a>                                    | Send SC @ResultType (TIME)   |
| Rank   | O         | S(2)  | Send the rank in the unit of the competitor at the intermediate point. Do not consider IRMs at the particular intermediate point. If the competitor has a valid Rank at the intermediate point then it must be sent despite the fact that the competitor receives an overall IRM later in the race.                    |
| RankEqual  | O         | S(1)  | Send "Y" if rank is equalled, otherwise do not send  |
| SortOrder  | O         | Numeric #0  | Send the order of the competitor at the intermediate point   |
| Diff   | O         | +s.ff<br>Or<br>-s.ff  | The difference behind the race leader at this intermediate point. Send as negative if faster than race leader. Send 0.00 for race leader. If the competitor has a valid Rank and Time at the intermediate point then Diff must be sent despite the fact that the competitor receives an overall IRM later in the race. |
| <b>Sub Element: Result /ExtendedResults /ExtendedResult /Extension</b> |           |   |  |
| <b>Expected: When available (individual events)</b>                    |           |   |  |
| Attribute  | Value     | Description   |  |
| Code   | DIFF_FAST |   |  |
| Pos  | N/A       |   |  |
| Value  | s.ff      | The difference behind the fastest competitor at this intermediate |  |



|   |                  |  |  |   |
|---|------------------|--|--|---|
|   |                  | point not considering IRMs. Send 0.0 for the fastest competitor at this intermediate point.                |  |   |
| <b>Sub Element: Result /ExtendedResults /ExtendedResult /Extension</b>                                |                  |  |  |   |
| <b>Expected: Only if the fastest has an IRM else do not send (individual events). At end of unit.</b> |                  |  |  |   |
| <b>Attribute</b>  | <b>Value</b>     | <b>Description</b>   |  |   |
| Code  | DIFF_FAST_IRM    |  |  |   |
| Pos   | N/A              |  |  |   |
| Value   | s.ff             | The difference behind the fastest competitor if the fastest did not finish or DQ. Send 0.0 for the leader. |  |   |
| <b>Sub Element: Result /ExtendedResults /ExtendedResult /Extension</b>                                |                  |  |  |   |
| <b>Expected: At the end of the unit (individual events)</b>   |                  |  |  |   |
| <b>Attribute</b>  | <b>Value</b>     | <b>Description</b>   |  |   |
| Code  | ERANK_IRM        |  |  |   |
| Pos   | N/A              |  |  |   |
| Value   | S(1)             | Send "Y" if the rank of the competitor at the intermediate point considering those with IRMs is equalled.  |  |   |
| <b>Sub Element: Result /ExtendedResults /ExtendedResult /Extension</b>                                |                  |  |  |   |
| <b>Expected: At the end of the unit (individual events)</b>   |                  |  |  |   |
| <b>Attribute</b>  | <b>Value</b>     | <b>Description</b>   |  |   |
| Code  | RANK_IRM         |  |  |   |
| Pos   | N/A              |  |  |   |
| Value   | S(2)             | Send the rank of the competitor at the intermediate considering those with IRMs also.                      |  |   |
| PROGRESS  | SECTION          | S(2)   | <p>Pos Description:<br/>Intermediate point at the end of the section where section time is taken (1, 2...F).<br/>For example, the first intermediate (Pos="1") indicates the interval between the start gate and first intermediate,<br/>"2" is the section from intermediate 1 to intermediate 2, ...</p> <p>Element Expected:<br/>When available (individual events)</p> |   |
|   | <b>Attribute</b> | <b>M/O</b>   | <b>Value</b>   | <b>Description</b>  |
|   | Value            | O  | s.ff   | Time for the section ending at the intermediate point @Pos. |
|   | ValueType        | O  | <a href="#">SC @ResultType</a>   | Send SC @ResultType   |



|  |                  |              |  |   |
|--|------------------|--------------|--|---|
|  | Rank             | O            | S(2)   | Send the rank of the competitor in the section not considering IRMs   |
|  | RankEqual        | O            | S(1)   | Send "Y" if rank is equalled, otherwise do not send   |
|  | SortOrder        | O            | Numeric #0   | Send the order of the competitor in the corresponding section.  |
| <b>Sub Element: Result /ExtendedResults /ExtendedResult /Extension</b> |                  |              |  |   |
| <b>Expected: At the end of the unit (individual events)</b>            |                  |              |  |   |
|  | <b>Attribute</b> | <b>Value</b> | <b>Description</b>   |   |
|  | Code             | ERANK_IRM    |  |   |
|  | Pos              | N/A          |  |   |
|  | Value            | S(1)         | Send "Y" if the rank of the competitor in the section considering those with IRMs is equalled. |   |
| <b>Sub Element: Result /ExtendedResults /ExtendedResult /Extension</b> |                  |              |  |   |
| <b>Expected: At the end of the unit (individual events)</b>            |                  |              |  |   |
|  | <b>Attribute</b> | <b>Value</b> | <b>Description</b>   |   |
|  | Code             | RANK_IRM     |  |   |
|  | Pos              | N/A          |  |   |
|  | Value            | S(2)         | Send the rank of the competitor in the section considering those with IRMs                     |   |
| PROGRESS   |                  | SPEED        | S(2)   | Pos Description:<br>Speed trap point as defined in DT_CONFIG, 1..total number of speed positions<br><br>Element Expected:<br>When available for speed event units (individual events) |
|  | <b>Attribute</b> | <b>M/O</b>   | <b>Value</b>   | <b>Description</b>  |
|  | Value            | O            | Numeric ##0.00   | Speed at this point in km/h   |
|  | ValueType        | O            | S(3)   | Send KMH  |
|  | Rank             | O            | S(2)   | Send the speed rank of the competitor at this point not considering IRMs.   |
|  | RankEqual        | O            | S(1)   | Send "Y" if rank is equalled, otherwise do not send. Not considering IRMs.  |
|  | SortOrder        | O            | Numeric #0   | Send the speed order of the competitor  |
| <b>Sub Element: Result /ExtendedResults /ExtendedResult /Extension</b> |                  |              |  |   |



| <b>Expected: At the end of the unit (individual events)</b>            |  |              |   |  |
|--|--|--------------|---|--|
| <b>Attribute</b>   |  | <b>Value</b> | <b>Description</b>  |  |
| Code   |  | ERANK_IRM    |   |  |
| Pos  |  | N/A          |   |  |
| Value  |  | S(1)         | Send "Y" if the speed rank of the competitor considering those with IRMs is equalled. |  |
| <b>Sub Element: Result /ExtendedResults /ExtendedResult /Extension</b> |  |              |   |  |
| <b>Expected: At the end of the unit (individual events)</b>            |  |              |   |  |
| <b>Attribute</b>   |  | <b>Value</b> | <b>Description</b>  |  |
| Code   |  | RANK_IRM     |   |  |
| Pos  |  | N/A          |   |  |
| Value  |  | S(2)         | Send the speed rank of the competitor considering those with IRMs                     |  |
| TIE_BREAK  |  | TIME         | N/A   | Element Expected:<br>If applicable (Only for overall Team Event)<br>Always sent if Tie-break by time for both teams  |
| <b>Attribute</b>   |  | <b>M/O</b>   | <b>Value</b>  | <b>Description</b>   |
| Value  |  | O            | m:ss.ff   | Tie break Time (overall Team Event). Should be the tie-break time of the lowest combined time or the fastest single time depending on the criteria which breaks the tie. (used for the winner of the Tie-Break in case of broken by time)                          |
| ValueType  |  | O            | <a href="#">SC @ResultType</a>  | Send TIME  |
| Diff   |  | O            | s.ff  | Tie break Time gap (Team Event). Should be the tie-break time gap of the lowest combined time or the fastest single time depending on the criteria which breaks the tie. (used for the loser of the Tie-Break in case of broken by time). Send 0.0 for the winner. |
| TIE_BREAK  |  | BIB          | N/A   | Element Expected:<br>If applicable (Only for overall Team Event)<br>Always sent if Tie-break by bib for both teams   |
| <b>Attribute</b>   |  | <b>M/O</b>   | <b>Value</b>  | <b>Description</b>   |
| Value  |  | O            | S(3)  | Tie break Bib (overall Team Event).  |



|   |                  |              |  |   |
|---|------------------|--------------|--|---|
|   |                  |              |  | Should be the tie-break team number (bib) with the lowest bib number which breaks the tie (used for the winner of the Tie-Break in case of broken by bib) |
| CRITERIA  | WIN              |              | Numeric<br>0   | Pos Description:<br>Order of the criteria<br><br>Element Expected:<br>If applicable (Only in the last run of the Team Event)                              |
|   | <b>Attribute</b> | <b>M/O</b>   | <b>Value</b>   | <b>Description</b>  |
|   | Value            | O            | S(2)   | Send "Y" if the criteria is required to win the heat  |
| <b>Sub Element: Result /ExtendedResults /ExtendedResult /Extension Expected: If applicable (Only in the last run of the Team Event)</b> |                  |              |  |   |
|   | <b>Attribute</b> | <b>Value</b> | <b>Description</b>   |   |
|   | Code             | ACHIEVED     |  |   |
|   | Pos              | N/A          |  |   |
|   | Value            | S(1)         | Send Y or N if the win criteria is met or not (Sent after the 4th run of the heat) |   |
| CRITERIA  | FASTER_THAN      |              | Numeric<br>0   | Pos Description:<br>Order of the criteria<br><br>Element Expected:<br>If applicable (Only in the last run of the Team Event)                              |
|   | <b>Attribute</b> | <b>M/O</b>   | <b>Value</b>   | <b>Description</b>  |
|   | Value            | O            | m:ss.ff  | Time required to win the overall Heat   |
| <b>Sub Element: Result /ExtendedResults /ExtendedResult /Extension Expected: If applicable (Only in the last run of the Team Event)</b> |                  |              |  |   |
|   | <b>Attribute</b> | <b>Value</b> | <b>Description</b>   |   |
|   | Code             | ACHIEVED     |  |   |
|   | Pos              | N/A          |  |   |
|   | Value            | S(1)         | Send Y or N if the win criteria is met or not (Sent after the 4th run of the heat) |   |
| CRITERIA  | FASTER_BY        |              | Numeric<br>0   | Pos Description:<br>Order of the criteria<br><br>Element Expected:<br>If applicable (Only in the last run of the Team Event)                              |



| Attribute   | M/O      | Value  | Description                            |
|---|----------|--|--|
| Diff  | O        | s.ff   | Send the diff required to win the heat |
| <b>Sub Element: Result /ExtendedResults /ExtendedResult /Extension<br/>Expected: If applicable (Only in the last run of the Team Event)</b> |          |  |  |
| Attribute   | Value    | Description  |  |
| Code  | ACHIEVED |  |  |
| Pos   | N/A      |  |  |
| Value   | S(1)     | Send Y or N if the win criteria is met or not (Sent after the 4th run of the heat) |  |

**Sample (Individual event)**





```
...
<Result Rank="2" ResultType="TIME" Result="1:42.68" Diff="+0.04" SortOrder="2" StartOrder="12"
StartSortOrder="12" >
  <ExtendedResults>
    <ExtendedResult Type="ER" Code="DIFF_M" Value="2.17" />
    <ExtendedResult Type="ER" Code="SPEED_AVG" Value="95.12" />
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="1" Value="24.34"
Value Type="TIME" Diff="+0.05" Rank="2" SortOrder="2">
      <Extension Code="DIFF_FAST" Value="0.19" />
    </ExtendedResult>
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="2" Value="41.68"
Value Type="TIME" Diff="+0.11" Rank="5" RankEqual="Y" SortOrder="5">
      <Extension Code="DIFF_FAST" Value="0.35" />
    </ExtendedResult>
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="3" Value="56.04"
Value Type="TIME" Diff="-0.13" Rank="1" SortOrder="1">
      <Extension Code="DIFF_FAST" Value="0.00" />
    </ExtendedResult>
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="4" Value="1:13.26"
Value Type="TIME" Diff="+0.07" Rank="2" SortOrder="2">
      <Extension Code="DIFF_FAST" Value="0.11" />
    </ExtendedResult>
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="F" Value="1:42.68"
Value Type="TIME" Diff="+0.04" Rank="2" SortOrder="2">
      <Extension Code="DIFF_FAST" Value="0.31" />
    </ExtendedResult>
    <ExtendedResult Type="PROGRESS" Code="SECTION" Pos="1" Value="24.34" Value Type="TIME"
Rank="2" SortOrder="2" />
    <ExtendedResult Type="PROGRESS" Code="SECTION" Pos="2" Value="17.34" Value Type="TIME"
Rank="10" SortOrder="10" />
    <ExtendedResult Type="PROGRESS" Code="SECTION" Pos="3" Value="14.36" Value Type="TIME"
Rank="1" SortOrder="1" />
    <ExtendedResult Type="PROGRESS" Code="SECTION" Pos="4" Value="17.22" Value Type="TIME"
Rank="3" SortOrder="3" />
    <ExtendedResult Type="PROGRESS" Code="SECTION" Pos="F" Value="29.42" Value Type="TIME"
Rank="1" SortOrder="1" />
    <ExtendedResult Type="PROGRESS" Code="SPEED" Pos="1" Value="97.65" Value Type="KMH"
Rank="9" SortOrder="9" />
    <ExtendedResult Type="PROGRESS" Code="SPEED" Pos="2" Value="99.11" Value Type="KMH"
Rank="5" SortOrder="5" />
  </ExtendedResults>
  <Competitor Code="2024039" Type="A" Organisation="GER" >
    <Composition>
      <Athlete Code="2024039" Order="1" Bib="22">
        <Description GivenName="John" FamilyName="SMITH" Gender="M" Organisation="GER"
BirthDate="1994-12-15" IFId="50753" />
      </Athlete>
    </Composition>
  </Competitor>
</Result>
```

**Sample (Run in Team Event)**

```
...
<Result ResultType="TIME" Result="42.68" Diff="+0.04" SortOrder="1" StartOrder="1" StartSortOrder="1"
WLT="L">
  <Competitor Code="ALPXPLTEAM4-GER01" Type="T" Organisation="GER" Bib="1" >
    <Description TeamName="Germany" />
    <Composition>
      <Athlete Code="2024039" Order="3" Bib="11">
        <Description GivenName="Johana" FamilyName="SMITH" Gender="F" Organisation="GER"
BirthDate="1994-12-15" IFId="223231"/>
        <EventUnitEntry Type="EUE" Code="COURSE" Value="R" />
      </Athlete>
    </Composition>
  </Competitor>
</Result>
<Result ResultType="TIME" Result="42.64" Diff="0.00" SortOrder="2" StartOrder="2" StartSortOrder="2"
WLT="W">
  <Competitor Code="ALPXPLTEAM4-SUI01" Type="T" Organisation="SUI" Bib="8" >
    <Description TeamName="Switzerland" />
    <Composition>
      <Athlete Code="1106860" Order="1" Bib="81">
        <Description GivenName="Lara" FamilyName="GUT" Gender="F" Organisation="SUI"
BirthDate="1994-12-15" IFId="223241"/>
        <EventUnitEntry Type="EUE" Code="COURSE" Value="B" />
      </Athlete>
    </Composition>
  </Competitor>
</Result>
...
```

**Sample (Heat in Team Event)**



```
...
<Result ResultType="POINTS" Result="2" SortOrder="1" StartOrder="1" StartSortOrder="1"
QualificationMark="Q">
  <ExtendedResults>
    <ExtendedResult Type="TIE_BREAK" Code="TIME" Value="35.38" ValueType="TIME" Diff="0.00" />
  </ExtendedResults>
  <ResultItems>
    <ResultItem Unit="ALPXPLTEAM4-----QFNL00010001" Order="1" >
      <Result Rank="2" ResultType="TIME" Result="17.88" SortOrder="2" Diff="+0.96" WLT="L" />
    </ResultItem>
    <ResultItem Unit="ALPXPLTEAM4-----QFNL00010002" Order="2" >
      <Result Rank="1" RankEqual="Y" ResultType="TIME" Result="18.99" SortOrder="1" Diff="0.00"
WLT="W" />
    </ResultItem>
    <ResultItem Unit="ALPXPLTEAM4-----QFNL00010003" Order="3" >
      <Result Rank="1" ResultType="TIME" Result="16.99" SortOrder="1" Diff="0.00" WLT="W" />
    </ResultItem>
    <ResultItem Unit="ALPXPLTEAM4-----QFNL00010004" Order="4" >
      <Result Rank="1" ResultType="TIME" Result="17.99" SortOrder="1" Diff="0.00" WLT="W" />
    </ResultItem>
  </ResultItems>
  <Competitor Code="ALPXPLTEAM4-SUI01" Type="T" Organisation="SUI" Bib="8" >
    <Description TeamName="Switzerland"/>
    <EventUnitEntry Type="EUE" Code="TEAM_LEADER" Value="1109567" />
    <Composition>
      <Athlete Code="1106860" Order="1" Bib="81">
        <Description GivenName="Marie" FamilyName="GUT" Gender="F" Organisation="SUI"
BirthDate="1994-12-15" IFId="223241"/>
      </Athlete>
      <Athlete Code="1106861" Order="2" Bib="82">
        <Description GivenName="Beat" FamilyName="FEUZ" Gender="M" Organisation="SUI"
BirthDate="1994-12-14" IFId="223242"/>
      </Athlete>
      <Athlete Code="1106863" Order="3" Bib="88">
        <Description GivenName="Lara" FamilyName="THOMAS" Gender="F" Organisation="SUI"
BirthDate="1994-12-13" IFId="223222"/>
      </Athlete>
      <Athlete Code="1106864" Order="4" Bib="89">
        <Description GivenName="Jenny" FamilyName="LOW" Gender="M" Organisation="SUI"
BirthDate="1994-12-12" IFId="223211"/>
      </Athlete>
    </Composition>
  </Competitor>
</Result>
...
```

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



**(only for team overall message)**  
**Identifier of unit, for the item included the result summary. ResultItem /Result will be for one particular previous unit.**

| Attribute | M/O | Value                    | Description   |
|-----------|-----|--------------------------|---|
| Unit      | M   | <a href="#">CC @Unit</a> | Full RSC of the unit.<br>Only for Team overall message                          |
| Order     | M   | Numeric<br>0             | Order of the sub-units in chronological order.<br>Only in team overall message. |

**Element: Result /ResultItems /ResultItem /Result (1,1)**  
**(only for team overall message)**  
**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  |
|------------|-----|--------------------------------|--|
| Rank       | O   | S(3)                           | Rank of the competitor in the result for the event unit identified by /ResultItems /ResultItem.  |
| RankEqual  | O   | S(1)                           | Send Y in case of the Rank has been equalled, else do not send   |
| ResultType | O   | <a href="#">SC @ResultType</a> | Type of the @Result attribute for the event unit identified by /ResultItems /ResultItem  |
| Result     | O   | m:ss.ff                        | The result of the competitor for the event unit identified by /ResultsItems /ResultItem.<br>Send when the @ResultType is TIME                      |
| IRM        | O   | <a href="#">SC @IRM</a>        | The invalid result mark, in case it is assigned for the event unit identified by /ResultsItems /ResultItem.<br>Send in the case @ResultType is IRM |
| Diff       | O   | +m:ss.ff                       | Time behind leader in the referenced unit (only for those with a result).<br>0.00 for the leader. Do not send leading zeros.                       |
| WLT        | O   | <a href="#">SC @WLT</a>        | Code to indicate if the athlete won, lost or tied the result item.   |
| SortOrder  | M   | Numeric<br>##0                 | Used to sort all results in an event unit identified by /ResultItems /ResultItem   |

**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 | Competitor's ID |



|              |   |                                  |   |
|--------------|---|----------------------------------|---|
|              |   | zeroes                           | For Competitor @Type=T, it will be Team's ID for the Team event.<br>Otherwise, Athlete's ID (for Competitor @Type=A). |
| Type         | M | T,A                              | T for team<br>A for athlete   |
| Bib          | O | S(3)                             | Team number (for team event)  |
| Organisation | M | <a href="#">CC @Organisation</a> | Competitor's organisation   |

**Element: Result /Competitor /Description (0,1)**

(for Team event only)

Competitors extended information.

| Attribute | M/O | Value | Description       |
|-----------|-----|-------|-------------------|
| TeamName  | M   | S(73) | Name of the team. |

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

For Overall team event only

| Type | Code        | Pos | Description   |
|------|-------------|-----|---|
| EUE  | TEAM_LEADER | N/A | Element Expected:<br>Always (for overall Team event - heat) |

| Attribute | M/O | Value                        | Description    |
|-----------|-----|------------------------------|----------------|
| Value     | O   | S(20) with no leading zeroes | Team leader ID |

**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                      | 1 in individual events (if Competitor @Type="A"), and athlete starting order (1..n) for teams (if Competitor @Type="T"). |
| Bib       | O   | S(5)                         | 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 | <a href="#">CC @PersonGender</a> | Gender of the athlete   |
| Organisation | M | <a href="#">CC @Organisation</a> | 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)**

(for Individual events) Individual athletes entry information.

(for Team event - run only) Course information

| Type | Code             | Pos        | Description   |
|------|------------------|------------|---|
| EUE  | SNOWSEED         | N/A        | Element Expected:<br>If applicable in individual events                                 |
|      | <b>Attribute</b> | <b>M/O</b> | <b>Value</b>  |
|      | Value            | O          | S(1)  |
|      |                  |            | Send "Y" if the athlete is assigned a Snowseed else do not send.                        |
| EUE  | COURSE           | N/A        | Element Expected:<br>Always when available in team event only, for each run of the heat |
|      | <b>Attribute</b> | <b>M/O</b> | <b>Value</b>  |
|      | Value            | O          | <a href="#">SC @Course</a>  |
|      |                  |            | Course color indicator (R,B)  |

### 2.3.3.6 Message Sort

Sort by Result @SortOrder



## 2.3.4 Current Information

### 2.3.4.1 Description

The Current message is a message containing the current information for a competition which is live. The message is used to send the latest applicable information and in some sports with a running clock, also the clock information.

For Alpine Skiing, in Individual events, the Current message contains in the Result element the athlete(s) who is(are) currently on course (current) as well as the athlete who is the next to start (next). There is one result element for each athlete indicated as current or next in the ExtendedInfos element.

### 2.3.4.2 Header Values

The following table describes the message header attributes.

| Attribute       | Value                           | Comment   |
|-----------------|---------------------------------|---|
| CompetitionCode | <a href="#">CC @Competition</a> | Unique ID for competition   |
| DocumentCode    | Full RSC                        | Sent according to the ODF Common Codes document (header values) with one message per run in individual events.  |
| DocumentSubcode | N/A                             | Not used in ALP   |
| DocumentType    | DT_CURRENT                      | Current message   |
| DocumentSubtype | N/A                             | Not used in ALP   |
| 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><br>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>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 | <a href="#">SC @Source</a> | Code indicating the system which generated the message.  |

### 2.3.4.3 Trigger and Frequency

This message is sent in Individual Events:

- \* At any time a competitor starts. (This athlete will be considered current along with any others already on the course) and there will be a new "next" (unless last athlete).
- \* Immediately after every addition/change in data during the run.
- \* Immediately after each competitor completes the course and the data is available (must be sent so a new leader receives a negative time relative to current leader).

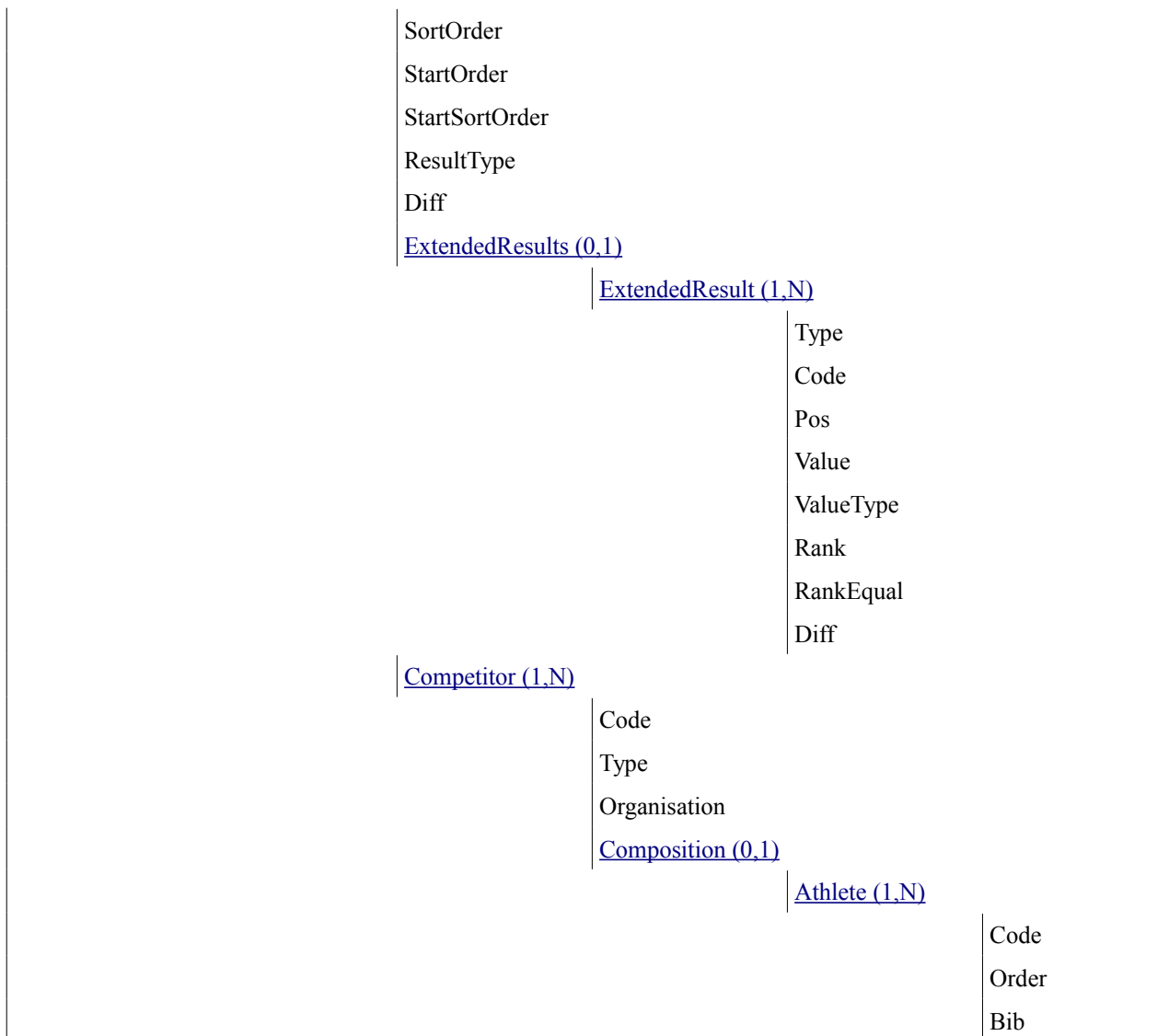
Each message will only include the athletes currently on the course and the one to follow ("Next"); this is usually not more than three athletes.

### 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 |
|-----------------------------------|-------------------------------------|------------------------------------|---------|---------|---------|
| <a href="#">Competition (0,1)</a> |                                     |                                    |         |         |         |
|                                   | <a href="#">ExtendedInfos (0,1)</a> |                                    |         |         |         |
|                                   |                                     | <a href="#">ExtendedInfo (1,N)</a> |         |         |         |
|                                   |                                     |                                    | Type    |         |         |
|                                   |                                     |                                    | Code    |         |         |
|                                   |                                     |                                    | Pos     |         |         |
|                                   |                                     |                                    | Value   |         |         |
|                                   | <a href="#">Result (0,N)</a>        |                                    |         |         |         |
|                                   |                                     | Rank                               |         |         |         |
|                                   |                                     | RankEqual                          |         |         |         |
|                                   |                                     | Result                             |         |         |         |
|                                   |                                     | IRM                                |         |         |         |





### 2.3.4.5 Message Values

| Element: ExtendedInfos /ExtendedInfo (1,N) |             |      |   |
|--|-------------|------|---|
| Type                                       | Code        | Pos  | Description   |
| UI   | LEADER_TIME | S(2) | Pos Description:<br>Intermediate point where the intermediate time is recorded (S, 1, 2..F). Include F for finishing time of the leader. Use "S" to send the time of the leader before start of the second run in |



|         |                  |            |                              |   |
|---------|------------------|------------|------------------------------|---|
|         |                  |            |                              | the case of two Run Events.<br>Element Expected:<br>Always (in individual events)   |
|         | <b>Attribute</b> | <b>M/O</b> | <b>Value</b>                 | <b>Description</b>  |
|         | Value            | O          | m:ss.ff                      | Cumulative time at the intermediate point (or S,F) in the current run. If this is the second run then this will be the cumulative time of all runs. Do not send minutes if zero.    |
| UI      |                  | LEADER     | N/A                          | Element Expected:<br>Always (in individual events)  |
|         | <b>Attribute</b> | <b>M/O</b> | <b>Value</b>                 | <b>Description</b>  |
|         | Value            | O          | S(20) without leading zeroes | Send the competitor ID of race leader, not considering current competitor.  |
| DISPLAY |                  | CURRENT    | Numeric<br>0                 | Pos Description:<br>Send the order of the athletes currently on the course, 1 for the one nearer the finish line.<br><br>Element Expected:<br>When available (in individual events) |
|         | <b>Attribute</b> | <b>M/O</b> | <b>Value</b>                 | <b>Description</b>  |
|         | Value            | O          | S(20) without leading zeroes | Send the competitor ID of the current or about to start competitor.   |
| DISPLAY |                  | NEXT       | N/A                          | Element Expected:<br>When available (in individual events)  |
|         | <b>Attribute</b> | <b>M/O</b> | <b>Value</b>                 | <b>Description</b>  |
|         | Value            | O          | S(20) without leading zeroes | Send the competitor ID of the next competitor to start.   |
| DISPLAY |                  | STARTED    | N/A                          | Element Expected:<br>Once only (unless a restart) for each competitor (in individual units)   |
|         | <b>Attribute</b> | <b>M/O</b> | <b>Value</b>                 | <b>Description</b>  |
|         | Value            | O          | S(20) without leading zeroes | Send the competitor ID of the competitor most recently started.   |

**Sample (Individual event)**



```

...
<ExtendedInfos>
  <ExtendedInfo Type="UI" Code="LEADER_TIME" Pos="1" Value="58.62" />
  <ExtendedInfo Type="UI" Code="LEADER_TIME" Pos="2" Value="1:07.95" />
  <ExtendedInfo Type="UI" Code="LEADER_TIME" Pos="3" Value="1:24.00" />
  <ExtendedInfo Type="UI" Code="LEADER_TIME" Pos="4" Value="1:41.84" />
  <ExtendedInfo Type="UI" Code="LEADER_TIME" Pos="F" Value="1:58.24" />
  <ExtendedInfo Type="UI" Code="LEADER" Value="1109762" />
</ExtendedInfos>
...

```

**Element: Result (0,N)**

Send for the current and next athletes indicated in ExtendedInfo (Type=DISPLAY, Code=CURRENT or NEXT)

| Attribute      | M/O | Value                          | Description   |
|----------------|-----|--------------------------------|---|
| Rank           | O   | String                         | Rank of the competitor in the event unit. Send cumulative Rank in case of 2 Runs Event.                                 |
| RankEqual      | O   | S(1)                           | Send 'Y' if the rank is equalled, else do not send  |
| Result         | O   | m:ss.ff                        | Result in the event unit.<br>Send cumulative Time in case of 2 Runs Event.<br>Send just in the case @ResultType is TIME |
| IRM            | O   | <a href="#">SC @IRM</a>        | The invalid result mark (IRM) for the event unit, in case it is assigned.<br>Send only in the case @ResultType is IRM   |
| SortOrder      | M   | Numeric                        | Order by start order for the competitors in the file (1, 2, 3...). 1=the athlete most advanced on the course etc.       |
| StartOrder     | O   | Numeric                        | The start order of the unit   |
| StartSortOrder | M   | Numeric                        | Same as SortOrder   |
| ResultType     | O   | <a href="#">SC @ResultType</a> | Type of the @Result attribute.  |
| Diff           | O   | +m:ss.ff                       | Time behind leader based on the result (only for those with a result). 0.00 for the leader. Do not send leading zeros.  |

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

| Type | Code             | Pos        | Description                            |
|------|------------------|------------|--|
| ER   | RE_RUN           | N/A        | Element Expected:<br>If applicable     |
|      | <b>Attribute</b> | <b>M/O</b> | <b>Value</b>                           |
|      | Value            | O          | S(1)                                   |
|      |                  |            | <b>Description</b>                     |
|      |                  |            | Send "Y" if the competitor is a Re-Run |



|          |                  |              |                                |   |
|----------|------------------|--------------|--------------------------------|---|
|          |                  |              |                                | athlete else do not send. Do not send after Re-Run complete   |
| PROGRESS |                  | INTERMEDIATE | S(2)                           | <p>Pos Description:<br/>Intermediate point where the intermediate time is recorded (S, 1, 2..F). Always send "S" to indicate the athlete started.<br/>In 2-Run events, "S" is the point before the competitor starts 2nd Run.</p> <p>Element Expected:<br/>When data is available.<br/>For next athlete(s) to start use "S" to indicate the Start Lead time and Diff.</p> |
|          | <b>Attribute</b> | <b>M/O</b>   | <b>Value</b>                   | <b>Description</b>  |
|          | Value            | O            | m:ss.ff                        | Cumulative time at the intermediate point in the current run (if this is the second run this is the cumulative time considering the first run also). Do not send minutes if zero.   |
|          | ValueType        | O            | <a href="#">SC @ResultType</a> | ValueType should be used to describe the type of data @Value. Send SC @ResultType   |
|          | Rank             | O            | S(2)                           | Send the rank of the competitor at the intermediate point. Do not consider IRMs at the particular intermediate point. If the competitor has a valid Rank at the intermediate point then it must be sent despite the fact that the competitor receives an overall IRM later in the race.   |
|          | RankEqual        | O            | S(1)                           | Send "Y" if rank is equalled, otherwise do not send   |
|          | Diff             | O            | +s.ff<br>Or<br>-s.ff           | <p>The difference behind the overall race leader at this intermediate point (considering all runs). Send as negative if faster than race leader. Send 0.00 for the overall race leader.</p> <p>In 2-Run events, when Pos="S" for the 2nd Run, then Diff is the 1st Run time difference between the current competitor and the overall leader time.</p>                    |
| PROGRESS |                  | SPEED        | S(2)                           | Pos Description:<br>Speed trap point as defined in  |



|           |     |                     | DT_CONFIG, 1..n over all speed traps on the course.<br><br>Element Expected:<br>When available in speed units   |
|-----------|-----|---------------------|---|
| Attribute | M/O | Value               | Description   |
| Value     | O   | Numeric<br>##0.00   | Speed at this point in km/h   |
| ValueType | O   | S(3)                | Send KMH  |
| Rank      | O   | S(2)                | Send the speed rank of the competitor at this point   |
| RankEqual | O   | S(1)                | Send "Y" if rank is equalled, otherwise do not send.  |
| Diff      | O   | Numeric<br>+/-#0.00 | The difference in speed behind the race leader at this speed trap. Send as negative if faster than race leader. |

**Sample (Individual events)**



```

...
<Result Rank="2" ResultType="TIME" Result="1:42.68" Diff="+0.04" SortOrder="2" StartOrder="12"
StartSortOrder="12" >
  <ExtendedResults>
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="S" />
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="1" Value="24.34"
ValueType="TIME" Diff="+0.05" Rank="2" />
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="2" Value="41.68"
ValueType="TIME" Diff="+0.11" Rank="5" RankEqual="Y" />
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="3" Value="56.04"
ValueType="TIME" Diff="-0.13" Rank="1" />
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="4" Value="1:13.26"
ValueType="TIME" Diff="+0.07" Rank="2" />
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="F" Value="1:42.68"
ValueType="TIME" Diff="+0.04" Rank="2" />
    <ExtendedResult Type="PROGRESS" Code="SPEED" Pos="1" Value="97.65" ValueType="KMH"
Rank="9" Diff="+0.18" />
    <ExtendedResult Type="PROGRESS" Code="SPEED" Pos="2" Value="99.11" ValueType="KMH"
Rank="5" Diff="-0.02" />
  </ExtendedResults>
  <Competitor Code="2024039" Type="A" Organisation="GER" >
    <Composition>
      <Athlete Code="2024039" Order="1" Bib="22">
        <Description GivenName="John" FamilyName="SMITH" Gender="M" Organisation="GER"
BirthDate="1994-12-15" IFId="50753" />
      </Athlete>
    </Composition>
  </Competitor>
</Result>
...

```

**Element: Result /Competitor (1,N)**  
**Competitor related to the result of one event unit.**

| Attribute    | M/O | Value                            | Description   |
|--------------|-----|----------------------------------|---|
| Code         | M   | S(20) with no leading zeroes     | Competitor's ID<br>Athlete's ID (for Competitor @Type=A). |
| Type         | M   | A                                | A for athlete   |
| Organisation | M   | <a href="#">CC @Organisation</a> | Competitor's organisation                                 |

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

| Attribute | M/O | Value                 | Description  |
|-----------|-----|-----------------------|--------------|
| Code      | M   | S(20) with no leading | Athlete's ID |



|       |   |         |  |
|-------|---|---------|--|
|       |   | zeroes  |  |
| Order | M | Numeric | 1 in individual events (if Competitor @Type="A") |
| Bib   | O | S(5)    | Bib number                                       |

### 2.3.4.6 Message Sort

Sort by Result @SortOrder.



## 2.3.5 Cumulative Results

### 2.3.5.1 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.

The difference between the Phase Results message (DT\_PHASE\_RESULTS) and the Cumulative Results (DT\_CUMULATIVE\_RESULT) is that the first one includes only the results for the phase independently from previous phases, while the Cumulative Results is for competitions where scores of the competitors are accumulated over a number of units and/or phases.

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

The Cumulative Results message in Alpine Skiing is used to send the cumulative results of the competition for Individual Events (with more than one unit/run).

### 2.3.5.2 Header Values

The following table describes the message header attributes.

| Attribute       | Value                            | Comment   |
|-----------------|----------------------------------|---|
| CompetitionCode | <a href="#">CC @Competition</a>  | Unique ID for competition   |
| DocumentCode    | Full RSC                         | Sent according to the ODF Common Codes document (header values).<br>It is only used in Individual events, the cumulative message is for an event.<br><br>Note that this message is not applicable to trainings or trials. |
| DocumentSubcode | N/A                              | Not used in ALP   |
| DocumentType    | DT_CUMULATIVE_RESULT             | Cumulative Results message  |
| DocumentSubtype | N/A                              | Not used in ALP   |
| Version         | 1..V                             | Version number associated to the message's content. Ascendant number  |
| ResultStatus    | <a href="#">SC @ResultStatus</a> | It indicates the status of the results<br>INTERMEDIATE<br>LIVE<br>UNCONFIRMED   |





|             |                            |  |
|-------------|----------------------------|--|
|             |                            | 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><br>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).<br><br>The end of the logical day is defined by default at 03:00 a.m.<br><br>For messages corrections, like invalidating medals or Records, it will be the LogicalDate of the day of the correction.<br><br>Logical Date is expressed in the local time zone where the message was produced. |
| Source      | <a href="#">SC @Source</a> | Code indicating the system which generated the message.  |

### 2.3.5.3 Trigger and Frequency

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

The first version is generally triggered at the same time as the start list of the first unit is is triggered.

This message is sent in Individual Events:

- \* When the start list of the first unit is sent (INTERMEDIATE)
- \* After each competitor completes each run including the first run (LIVE)
- \* When the first unit is finished (INTERMEDIATE)

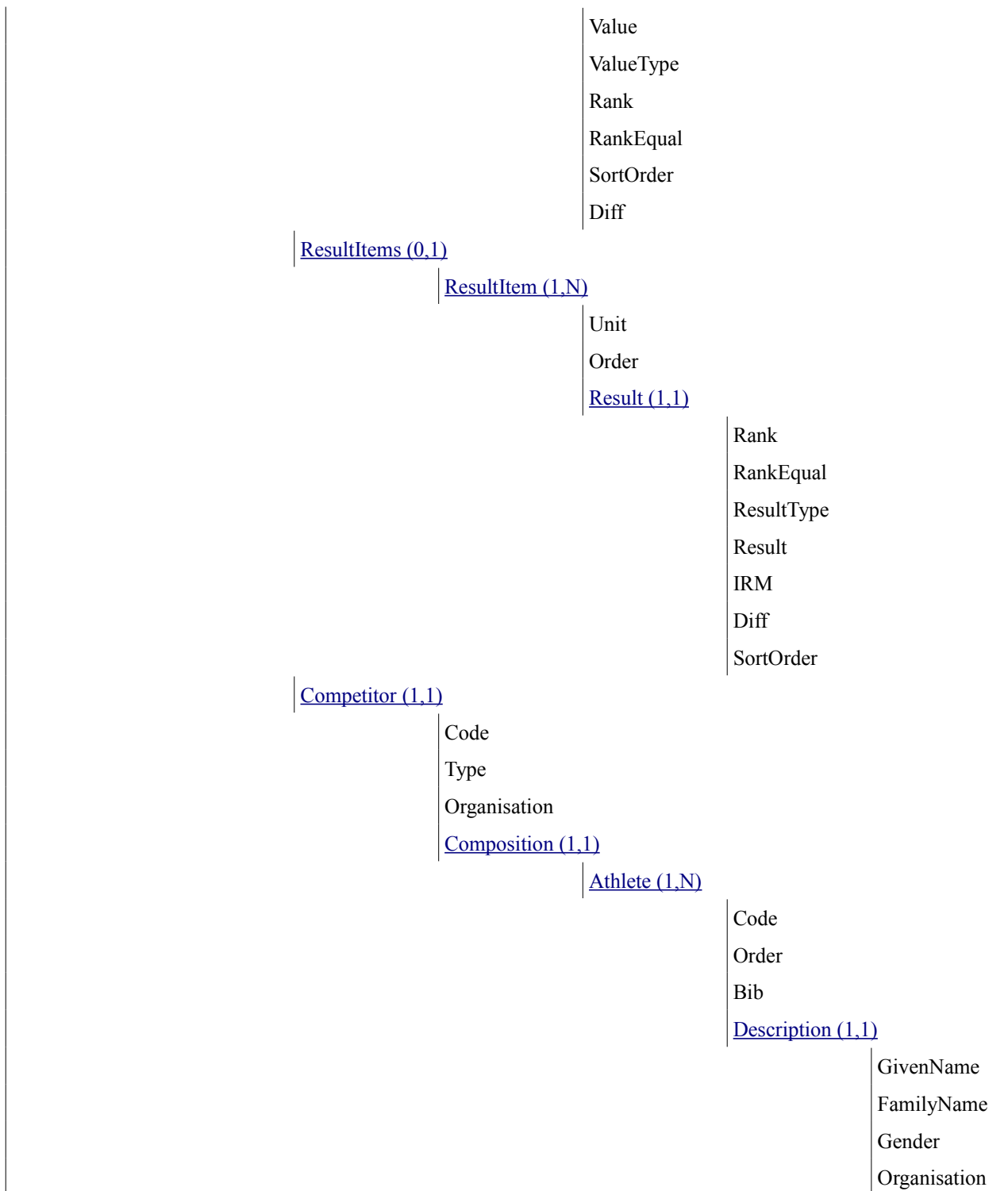


\* After the last unit is complete (UNCONFIRMED / UNOFFICIAL / OFFICIAL as appropriate)

### 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 |
|--------------------------|----------------------------|-------------------------------|-----------------------------|---------|---------|---------|
| <u>Competition (0,1)</u> |                            |                               |                             |         |         |         |
|                          | <u>ExtendedInfos (0,1)</u> |                               |                             |         |         |         |
|                          |                            | <u>ExtendedInfo (0,N)</u>     |                             |         |         |         |
|                          |                            |                               | Type                        |         |         |         |
|                          |                            |                               | Code                        |         |         |         |
|                          |                            |                               | Pos                         |         |         |         |
|                          |                            |                               | Value                       |         |         |         |
|                          |                            | <u>SportDescription (0,1)</u> |                             |         |         |         |
|                          |                            |                               | DisciplineName              |         |         |         |
|                          |                            |                               | EventName                   |         |         |         |
|                          |                            |                               | Gender                      |         |         |         |
|                          |                            | <u>VenueDescription (0,1)</u> |                             |         |         |         |
|                          |                            |                               | Venue                       |         |         |         |
|                          |                            |                               | VenueName                   |         |         |         |
|                          | <u>Result (1,N)</u>        |                               |                             |         |         |         |
|                          |                            | Rank                          |                             |         |         |         |
|                          |                            | RankEqual                     |                             |         |         |         |
|                          |                            | ResultType                    |                             |         |         |         |
|                          |                            | Result                        |                             |         |         |         |
|                          |                            | IRM                           |                             |         |         |         |
|                          |                            | Diff                          |                             |         |         |         |
|                          |                            | SortOrder                     |                             |         |         |         |
|                          |                            | <u>ExtendedResults (0,1)</u>  |                             |         |         |         |
|                          |                            |                               | <u>ExtendedResult (1,N)</u> |         |         |         |
|                          |                            |                               |                             | Type    |         |         |
|                          |                            |                               |                             | Code    |         |         |
|                          |                            |                               |                             | Pos     |         |         |





|  |           |
|--|-----------|
|  | BirthDate |
|  | IFId      |

### 2.3.5.5 Message Values

| Element: ExtendedInfos /ExtendedInfo (0,N) |           |       |  |
|--|-----------|-------|--|
| Type                                       | Code      | Pos   | Description  |
| EI   | LAST_UNIT | N/A   | Element Expected:<br>Always  |
| Attribute                                  | M/O       | Value | Description  |
| Value                                      | O         | S(34) | Full RSC of the first unit (if not started), current (if live) or most recent unit information 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   | <a href="#">CC @DisciplineGender</a> | Gender code for the event                    |

| Element: ExtendedInfos /VenueDescription (0,1)                                       |     |                               |   |
|--|-----|-------------------------------|---|
| Venue Names in Text<br>(only include if a single venue is used for the entire event) |     |                               |   |
| Attribute  | M/O | Value                         | Description                                   |
| Venue  | M   | <a href="#">CC @VenueCode</a> | Venue Code                                    |
| VenueName  | M   | S(25)                         | Venue short name (not code) from Common Codes |

| Element: Result (1,N)  |     |       |   |
|--|-----|-------|---|
| For any cumulative results message, there should be at least one competitor being awarded a cumulative result after one event unit or phase. |     |       |   |
| Attribute  | M/O | Value | Description   |
| Rank   | O   | S(3)  | Rank of the competitor in the cumulative result.<br>Do not include the rank during the second and subsequent units until the competitor has completed the unit. |



|            |   |                                |  |
|------------|---|--------------------------------|--|
|            |   |                                | This attribute is optional because the competitor could get an invalid result mark.  |
| RankEqual  | O | S(1)                           | Send Y in case of the Rank has been equalled else do not send.<br>Do not include the rank during the second and subsequent units until the competitor has completed the unit. This attribute is optional because the competitor could get an invalid result mark.  |
| ResultType | O | <a href="#">SC @ResultType</a> | Type of the @Result attribute  |
| Result     | O | m:ss.ff                        | The cumulative result of the competitor<br>Send when the @ResultType is TIME   |
| IRM        | O | <a href="#">SC @IRM</a>        | Invalid result mark (IRM) for the cumulative result, in case it is assigned.<br>Send just in the case @ResultType is IRM   |
| Diff       | O | +m:ss.ff                       | Total time behind leader.<br>0.00 for the leader. Do not send leading zeros.<br>Do not send if @ResultType = IRM   |
| SortOrder  | M | Numeric<br>##0                 | This attribute is a sequential number with the order of the results for the cumulative result, if they were to be presented.<br>It is mostly based on the rank, but it should be used to sort out rank ties as well as results without rank.<br>During second and subsequent units those without rank will be ordered following their start order in the current unit. |

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

**Team competitor's extended results.**

| Type     | Code         | Pos  | Description  |
|----------|--------------|------|--|
| PROGRESS | INTERMEDIATE | S(2) | Pos Description:<br>Intermediate point where the intermediate time is recorded (S, 1, 2..F).<br>In 2-Run events, "S" is the point before the competitor starts 2nd Run.<br><br>Element Expected:<br>When data is available in individual events with more than one run.<br>In 2-Run events, send Start Lead time using "S" in Pos for all athletes including those who haven't started the |



|           |     |                                |   | 2nd Run yet. |
|-----------|-----|--------------------------------|---|--------------|
| Attribute | M/O | Value                          | Description   |              |
| Value     | O   | m:ss.ff                        | Cumulative time (inc. previous runs) at the intermediate point in the second run. Do not send minutes if zero.  |              |
| ValueType | O   | <a href="#">SC @ResultType</a> | Send SC @ResultType   |              |
| Rank      | O   | S(2)                           | Send the rank of the competitor at the intermediate point   |              |
| RankEqual | O   | S(1)                           | Send "Y" if rank is equalled, otherwise do not send   |              |
| SortOrder | O   | Numeric #0                     | Send the order of the competitor at the intermediate point  |              |
| Diff      | O   | +m:ss.ff<br>Or<br>-m:ss.ff     | Total time diff (Start Lead) with the current overall event leader at this intermediate point. Send 0.00 for the leader. Do not send leading zeros. Send negative when ahead of overall leader. In 2-Run events, when Pos="S" for the 2nd Run, then Diff is the 1st Run time difference between the current competitor and the overall leader time. |              |

**Sample (Individual two run event)**



```

...
<Result Rank="1" ResultType="TIME" Result="2:36.87" SortOrder="1" Diff="0.00" >
  <ExtendedResults>
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="1" Rank="2" SortOrder="2"
Value="1:45.65" ValueType="TIME" Diff="+0.04" />
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="2" Rank="1" SortOrder="1"
Value="2:04.68" ValueType="TIME" Diff="0.00" />
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="3" Rank="1" SortOrder="1"
Value="2:19.81" ValueType="TIME" Diff="0.00" />
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="4" Rank="1" SortOrder="1"
Value="2:36.87" ValueType="TIME" Diff="0.00" />
  </ExtendedResults>
  <ResultItems>
    <ResultItem Unit="ALPMAC-----FNL-0001DH--" Order="1" >
      <Result Rank="1" ResultType="TIME" Result="1:17.88" SortOrder="1" Diff="0.00" />
    </ResultItem>
    <ResultItem Unit="ALPMAC-----FNL-0001SL--" Order="2">
      <Result Rank="11" ResultType="TIME" Result="1:18.99" SortOrder="11" Diff="+0.35" />
    </ResultItem>
  </ResultItems>
  <Competitor Code="2041843" Type="A" Organisation="GER" >
    <Composition>
      <Athlete Code="2041843" Order="1" Bib="1">
        <Description GivenName="John" FamilyName="SMITH" Gender="M" Organisation="GER"
BirthDate="1994-12-15" />
      </Athlete>
    </Composition>
  </Competitor>
</Result>
...

```

**Element: 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   | <a href="#">CC @Unit</a> | Full RSC of the unit               |
| Order     | M   | Numeric<br>0             | Order of the units (chronological) |

**Element: 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 |
|-----------|-----|-------|-------------|
|-----------|-----|-------|-------------|



|            |   |                                |   |
|------------|---|--------------------------------|---|
| Rank       | O | S(3)                           | Rank of the competitor in the result for the event unit identified by /ResultItems /ResultItem.   |
| RankEqual  | O | S(1)                           | Send "Y" in case of the Rank has been equalled, else do not send  |
| ResultType | O | <a href="#">SC @ResultType</a> | Type of the @Result attribute for the event unit identified by /ResultItems /ResultItem   |
| Result     | O | m:ss.ff                        | The result of the competitor for the event unit identified by /ResultsItems /ResultItem.<br>Send when the @ResultType is TIME                     |
| IRM        | O | <a href="#">SC @IRM</a>        | The invalid result mark, in case it is assigned for the event unit identified by /ResultItems /ResultItem.<br>Send in the case @ResultType is IRM |
| Diff       | O | +m:ss.ff                       | Time behind leader in the referenced unit (only for those with a result).<br>0.00 for the leader. Do not send leading zeros.                      |
| SortOrder  | M | Numeric<br>##0                 | Used to sort all results in an event unit identified by /ResultItems /ResultItem  |

**Element: 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<br>Athlete's ID (for Competitor @Type=A). |
| Type         | M   | A                                | A for athlete   |
| Organisation | M   | <a href="#">CC @Organisation</a> | 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                      | 1 in individual events (if Competitor @Type="A") |
| Bib       | O   | S(5)                         | Athlete's 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 | <a href="#">CC @PersonGender</a> | Gender of the athlete   |
| Organisation | M | <a href="#">CC @Organisation</a> | 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 ResultItems should be ordered in the same order in which they took place, earliest to latest.

Result @SortOrder will be the attribute used to sort the results.

During a unit (particularly units where athletes participate one-by-one). Then the order should be:

- 1) All athletes finished the current unit ordered by overall rank
- 2) All athletes on course (in the order of their result at the intermediate; in case of several intermediates from the one further down the course to the one nearest to the start)
- 3) All athlete still to start in the current unit (start order)
- 4) All athletes not qualified, but having a score from previous units
- 5) All athletes with IRM (sorting according to Discipline/ORIS standard order)



## 2.3.6 Brackets

### 2.3.6.1 Description

The Brackets message contains the brackets information for one particular event. It is used in events where there is a necessity to know in advance how successive event units will be filled as the competition progresses. In the early stages of the competition, it indicates how each of the event units will be built from the winners/losers, or other competition rules of the previous event units.

### 2.3.6.2 Header Values

The following table describes the message header attributes.

| Attribute       | Value                            | Comment   |
|-----------------|----------------------------------|---|
| CompetitionCode | <a href="#">CC @Competition</a>  | Unique ID for competition   |
| DocumentCode    | Full RSC (event level)           | Sent according to the ODF Common Codes document (header values).<br>This message is only used in the Team Event.  |
| DocumentType    | DT_BRACKETS                      | Brackets message  |
| Version         | 1..V                             | Version number associated to the message's content. Ascendant number  |
| ResultStatus    | <a href="#">SC @ResultStatus</a> | Status of the message. Expected statuses are:<br>START_LIST (before any unit is complete)<br>INTERMEDIATE (during the competition)<br>UNOFFICIAL (when last match unofficial)<br>OFFICIAL (when all matches 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><br>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>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 | <a href="#">SC @Source</a> | Code indicating the system which generated the message.  |

### 2.3.6.3 Trigger and Frequency

This message should be sent at the very beginning of a competition, as soon as brackets are available.

Send when a match/event unit is completed, including Unofficial and Official status. Therefore it is triggered up to two times (with both status) for each event unit (if unofficial is used). The message should be updated including information on each competitor in the different bracket items.

The @ResultStatus attribute will vary depending on the competition status.

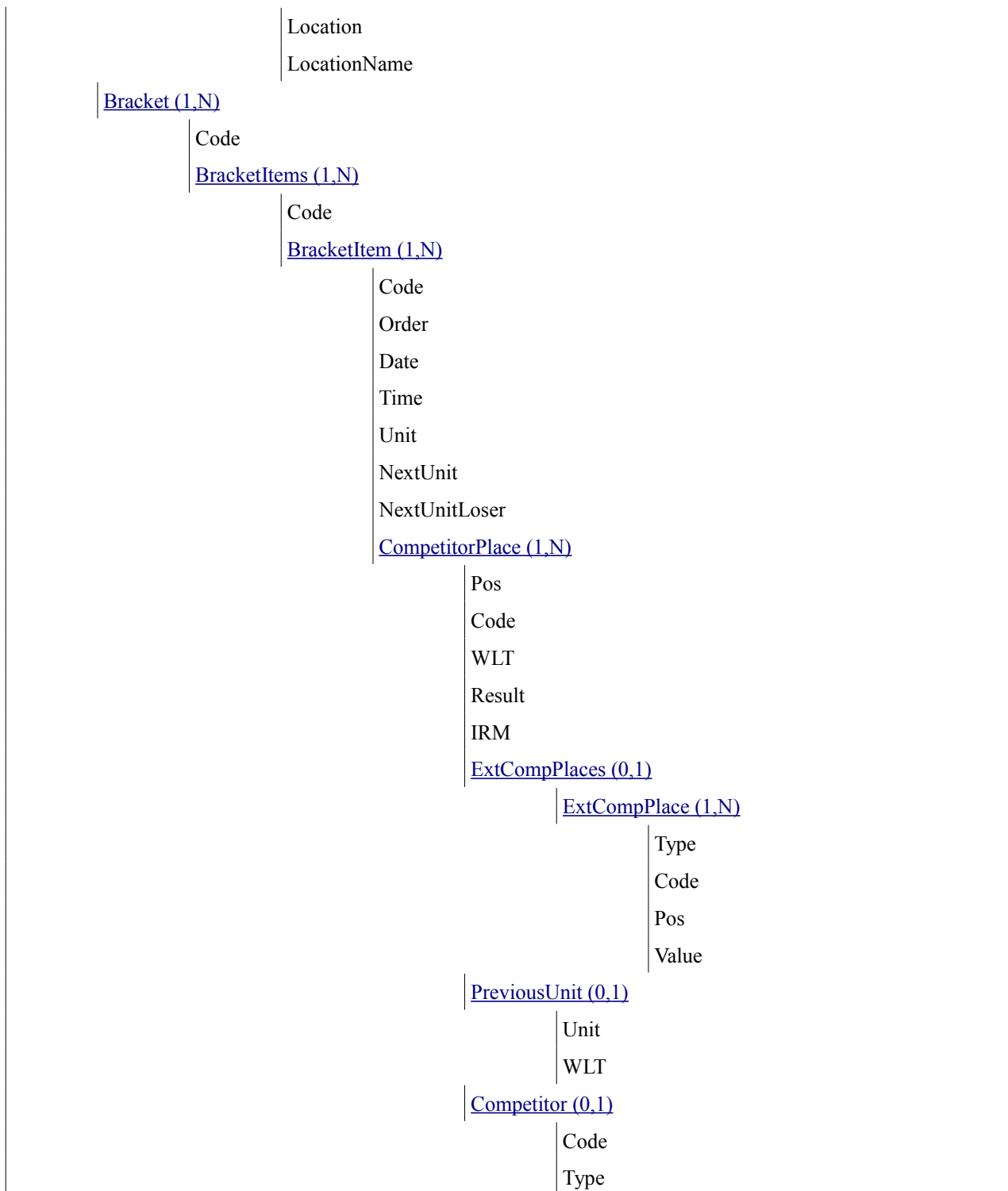
This message is sent in Team event:

- \* After the draw is complete (START\_LIST)
- \* After event heat (team vs team, not each run) is complete (INTERMEDIATE)
- \* After the last final (UNOFFICIAL/OFFICIAL)
- \* 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 | Level 8 | Level 9 | Level 10 | Level 11 |
|-----------------------------------|-------------------------------------|--|----------------|---------|---------|---------|---------|---------|----------|----------|
| <a href="#">Competition (0,1)</a> |                                     |  |                |         |         |         |         |         |          |          |
|                                   | <a href="#">ExtendedInfos (0,1)</a> |  |                |         |         |         |         |         |          |          |
|                                   |                                     | <a href="#">SportDescription (0,1)</a> |                |         |         |         |         |         |          |          |
|                                   |                                     |  | DisciplineName |         |         |         |         |         |          |          |
|                                   |                                     |  | EventName      |         |         |         |         |         |          |          |
|                                   |                                     |  | Gender         |         |         |         |         |         |          |          |
|                                   |                                     | <a href="#">VenueDescription (0,1)</a> |                |         |         |         |         |         |          |          |
|                                   |                                     |  | Venue          |         |         |         |         |         |          |          |
|                                   |                                     |  | VenueName      |         |         |         |         |         |          |          |





### 2.3.6.5 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.     |
| Gender   | M   | <a href="#">CC @DisciplineGender</a> | Gender code for the event                    |

| Element: ExtendedInfos /VenueDescription (0,1) |     |       |             |
|--|-----|-------|-------------|
| Venue Names in text.                           |     |       |             |
| Attribute                                      | M/O | Value | Description |



|              |   |                               |   |
|--------------|---|-------------------------------|---|
| Venue        | M | <a href="#">CC @VenueCode</a> | Venue code  |
| VenueName    | M | S(25)                         | Venue short name (not code) from Common Codes     |
| Location     | M | <a href="#">CC @Location</a>  | Location Code (only if only one location is used) |
| LocationName | M | S(30)                         | Location short name (not code) from Common Codes  |

**Element: Bracket (1,N)**

| Attribute | M/O | Value                       | Description  |
|-----------|-----|-----------------------------|--|
| Code      | M   | <a href="#">SC @Bracket</a> | Bracket code to identify a bracket item (FNL except BRN for the small final) |

**Element: Bracket /BracketItems (1,N)**

| Attribute | M/O | Value                            | Description   |
|-----------|-----|----------------------------------|---|
| Code      | M   | <a href="#">SC @BracketItems</a> | Bracket code to identify a set of bracket items. It usually refers to the round in the brackets, for example quarterfinal or semifinal etc. |

**Element: Bracket /BracketItems /BracketItem (1,N)**

| Attribute     | M/O | Value                    | Description   |
|---------------|-----|--------------------------|---|
| Code          | O   | Numeric #0               | Bracket code to identify a bracket item. Heat or semifinal number within the bracket item         |
| Order         | M   | Numeric                  | Sequential number inside of BracketItems to indicate the order, always start at 1                 |
| Date          | O   | Date                     | Date of BracketItem (example: YYYY-MM-DD). Must include if the data is available.                 |
| Time          | O   | S(5)                     | Time of the BracketItem (example HH:MM) Must include if the data is available.                    |
| Unit          | O   | <a href="#">CC @Unit</a> | Full RSC of the unit for the BracketItem  |
| NextUnit      | O   | <a href="#">CC @Unit</a> | Full RSC of the unit where the successful competitor will progress                                |
| NextUnitLoser | O   | <a href="#">CC @Unit</a> | Full RSC of the unit where the unsuccessful competitor will progress (only applies in semifinals) |

**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 0 | This attribute is a sequential number to place the different competitors in the bracket (1 or 2). |



|        |   |                                     |  |
|--------|---|-------------------------------------|--|
| Code   | O | <a href="#">SC @CompetitorPlace</a> | If there is no competitor (BYE) or when it is not known yet (TBD) or when both athletes are disqualified or Withdraw (NCT) |
| WLT    | O | S(1)                                | W or L, indicates the winner or loser of the bracket item. Always send when known  |
| Result | O | Numeric<br>0                        | Team points for the competitor (expected unless IRM)   |
| IRM    | O | <a href="#">SC @IRM</a>             | The invalid result mark (IRM) code, if applicable  |

| Element: Bracket /BracketItems /BracketItem /CompetitorPlace /ExtCompPlaces /ExtCompPlace (1,N) |                  |            |              |  |
|---|------------------|------------|--------------|--|
| Type  |                  | Code       | Pos          | Description  |
| ECP   |                  | TIME       | N/A          | Element Expected:<br>When applicable   |
|   | <b>Attribute</b> | <b>M/O</b> | <b>Value</b> | <b>Description</b>   |
|   | Value            | O          | m:ss.ff      | Tie break Time (Team Event).<br>Should be the tie-break time of the combined time or the fastest single time depending on the criteria which breaks the tie (used for the winner of the Tie-Break in case of broken by time)                     |
| ECP   |                  | DIFF       | N/A          | Element Expected:<br>When applicable   |
|   | <b>Attribute</b> | <b>M/O</b> | <b>Value</b> | <b>Description</b>   |
|   | Value            | O          | s.ff         | Tie break Time gap.<br>Should be the tie-break time gap of the combined time or the fastest single time depending on the criteria which breaks the tie (used for the loser of the Tie-Break in case of broken by time). Send 0.0 for the winner. |

| 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 event units in the bracket graph unless coming from a pool. |  |     |                          |  |
| Attribute  |  | M/O | Value                    | Description  |
| Unit   |  | O   | <a href="#">CC @Unit</a> | Full RSC code of the unit where the competitor progress from. Does not apply in the first phase.   |
| WLT  |  | O   | W or L                   | 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. |
|--|--|--|--|

**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)                             | T for team                          |
| Organisation | O   | <a href="#">CC @Organisation</a> | Competitors' organisation if known. |

**Element: Bracket /BracketItems /BracketItem /CompetitorPlace /Competitor /Description (0,1)**

| Attribute | M/O | Value | Description       |
|-----------|-----|-------|-------------------|
| TeamName  | M   | S(73) | Name of the team. |

**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 (corresponding to a team member) (Only include athletes after the unit is complete)   |
| Order     | M   | Numeric 0                    | Order attribute used to sort team members in a team (if Competitor @Type="T"). After each run it will be the order in which the athletes participated (run order). |

**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   | <a href="#">CC @PersonGender</a> | Gender of the athlete   |
| Organisation | M   | <a href="#">CC @Organisation</a> | 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: Bracket /BracketItems /BracketItem /CompetitorPlace /Competitor /Composition /Athlete /ExtBracketAths /ExtBracketAth (1,N)**

**CompetitorPlace @Pos team member's extended bracket information (Competitor @Type="T") according to**





| competitors' rules. |                  |              |  |   |
|---------------------|------------------|--------------|--|---|
| Type                | Code             | Pos          | Description  |   |
| EBA                 | RESULT           | Numeric<br>0 | Pos Description:<br>Send the Run number<br><br>Element Expected:<br>If the competitor won the run, unless IRM  |   |
|                     | <b>Attribute</b> | <b>M/O</b>   | <b>Value</b>   | <b>Description</b>                            |
|                     | Value            | O            | m:ss.ff  | Send the time for the winning athlete.        |
| EBA                 | DIFF             | Numeric<br>0 | Pos Description:<br>Send the Run number<br><br>Element Expected:<br>If the competitor lost the run, unless IRM |   |
|                     | <b>Attribute</b> | <b>M/O</b>   | <b>Value</b>   | <b>Description</b>                            |
|                     | Value            | O            | +s.ff  | Time behind winner. Send 0.00 for the winner. |
| EBA                 | IRM              | Numeric<br>0 | Pos Description:<br>Send the Run number<br><br>Element Expected:<br>If applicable                              |   |
|                     | <b>Attribute</b> | <b>M/O</b>   | <b>Value</b>   | <b>Description</b>                            |
|                     | Value            | O            | <a href="#">SC @IRM</a>  | Send applicable code.                         |

**Sample (Team event)**



```
...
<Bracket Code="FNL">
  <BracketItems Code="QFNL">
    <BracketItem Code="1" Order="1" Time="13:20" Date="2018-02-16" Unit="ALPXPLTEAM4-----
QFNL00010000" NextUnit="ALPXPLTEAM4-----SFNL00010000">
      <CompetitorPlace Pos="1" WLT="W" Result="3" >
        <ExtCompPlaces>
          <ExtCompPlace Type="ECP" Code="TIME" Value="47.59" />
          <ExtCompPlace Type="ECP" Code="DIFF" Value="0.00" />
        </ExtCompPlaces>
        <PreviousUnit Unit="ALPXPLTEAM4-----8FNL00010000" WLT="W" />
        <Competitor Code="ALPXPLTEAM4-SUI01" Type="T" Organisation="SUI">
          <Description TeamName="Switzerland"/>
          <Composition>
            <Athlete Code="2031721" Order="1" >
              <Description GivenName="DJ" FamilyName="BROWN" Gender="M"
Organisation="SUI" BirthDate="1992-12-14" IFId="460060" />
              <ExtBracketAths>
                <ExtBracketAth Type="EBA" Code="RESULT" Value="23.59" Pos="4" />
              </ExtBracketAths>
            </Athlete>
            <Athlete Code="2031624" Order="2" >
              <Description GivenName="Marie" FamilyName="LEE" Gender="F" Organisation="SUI"
BirthDate="1994-12-15" IFId="460071" />
              <ExtBracketAths>
                <ExtBracketAth Type="EBA" Code="DIFF" Value="+0.88" Pos="2" />
              </ExtBracketAths>
            </Athlete>
            <Athlete Code="2031626" Order="3" >
              <Description GivenName="Lara" FamilyName="KWAN" Gender="F"
Organisation="SUI" BirthDate="1993-12-15" IFId="465098" />
              <ExtBracketAths>
                <ExtBracketAth Type="EBA" Code="RESULT" Value="24.04" Pos="1" />
              </ExtBracketAths>
            </Athlete>
            <Athlete Code="2031721" Order="4" >
              <Description GivenName="John" FamilyName="KO" Gender="M" Organisation="SUI"
BirthDate="1992-12-15" IFId="465112" />
              <ExtBracketAths>
                <ExtBracketAth Type="EBA" Code="DIFF" Value="+0.15" Pos="3" />
              </ExtBracketAths>
            </Athlete>
          </Composition>
        </Competitor>
      </CompetitorPlace>
    </BracketItem>
  </BracketItems>
  ...
</Bracket Code="FNL">
  ...
```



### **2.3.6.6 Message Sort**

The following order applies:

- \* Bracket: by @Code FNL and BRN.
- \* BracketItems: It will be referred to BracketItems /BracketItem /Unit (all BracketItem should be grouped by the BracketItem /Unit attribute).
- \* Then, the BracketItem /Unit are sorted according to their scheduled start time.



## 2.3.7 Event Final Ranking

### 2.3.7.1 Description

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

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

The mandatory attributes and mandatory elements defined in this message will have to be used by all the sports.

### 2.3.7.2 Header Values

The following table describes the message header attributes.

| Attribute       | Value                            | Comment   |
|-----------------|----------------------------------|---|
| CompetitionCode | <a href="#">CC @Competition</a>  | Unique ID for competition   |
| DocumentCode    | Full RSC of the Event            | Sent for all the competition events according to the ODF Common Codes document (header values).<br><br>One message is sent for each event, and in addition one message for the speed unit in the Alpine Combined (as OFFICIAL too). |
| DocumentType    | DT_RANKING                       | Event Final ranking message   |
| Version         | 1..V                             | Version number associated to the message's content. Ascendant number  |
| ResultStatus    | <a href="#">SC @ResultStatus</a> | Result status, indicates whether the data is official or partial.<br>OFFICIAL<br>PARTIAL  |
| 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><br>If an event unit continues after midnight (24:00), all messages                            |



|        |                            |  |
|--------|----------------------------|--|
|        |                            | <p>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 | <a href="#">SC @Source</a> | Code indicating the system which generated the message.  |

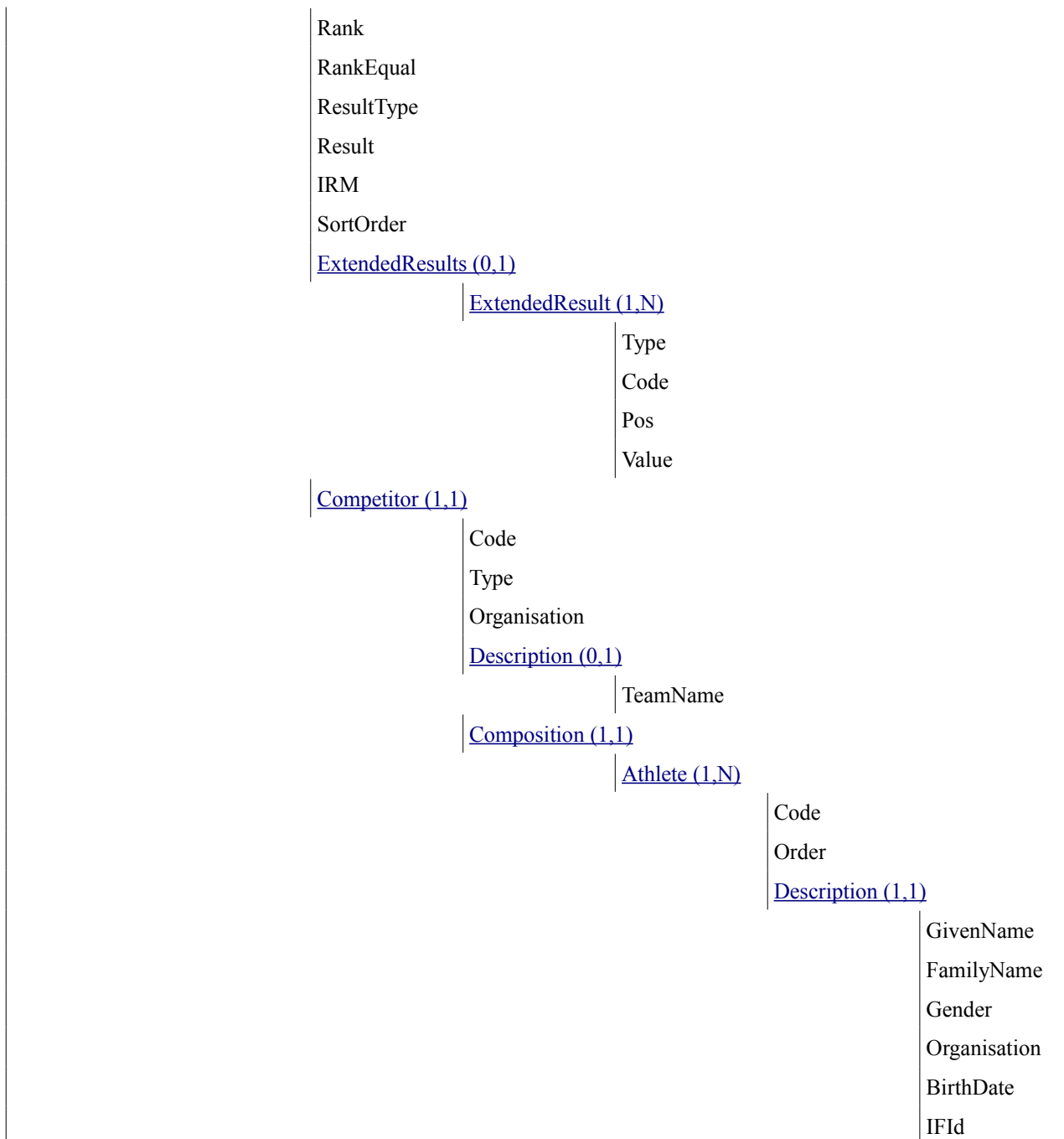
### 2.3.7.3 Trigger and Frequency

This message is only triggered after a unit which affects the final ranking is official and that particular ranking is not subject to change.  
 Trigger also after any major change.

### 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 | Level 6 | Level 7 |
|-----------------------------------|-------------------------------------|--|----------------|---------|---------|---------|
| <a href="#">Competition (0,1)</a> |                                     |  |                |         |         |         |
|                                   | <a href="#">ExtendedInfos (0,1)</a> |  |                |         |         |         |
|                                   |                                     | <a href="#">ExtendedInfo (0,N)</a>     |                |         |         |         |
|                                   |                                     |  | Type           |         |         |         |
|                                   |                                     |  | Code           |         |         |         |
|                                   |                                     |  | Pos            |         |         |         |
|                                   |                                     |  | Value          |         |         |         |
|                                   |                                     | <a href="#">SportDescription (0,1)</a> |                |         |         |         |
|                                   |                                     |  | DisciplineName |         |         |         |
|                                   |                                     |  | EventName      |         |         |         |
|                                   |                                     |  | Gender         |         |         |         |
|                                   |                                     | <a href="#">VenueDescription (0,1)</a> |                |         |         |         |
|                                   |                                     |  | Venue          |         |         |         |
|                                   |                                     |  | VenueName      |         |         |         |
|                                   | <a href="#">Result (1,N)</a>        |  |                |         |         |         |



### 2.3.7.5 Message Values

**Element: ExtendedInfos /ExtendedInfo (0,N)**



| <b>(for Individual events)</b> |                  |                |                      |   |
|--------------------------------|------------------|----------------|----------------------|---|
| <b>Type</b>                    |                  | <b>Code</b>    | <b>Pos</b>           | <b>Description</b>  |
| FIS_CALC                       |                  | A              | N/A                  | Element Expected:<br>When available in individual events  |
|                                | <b>Attribute</b> | <b>M/O</b>     | <b>Value</b>         | <b>Description</b>  |
|                                | Value            | O              | Numeric<br>##0.00    | Total FIS Points of the best 5 competitors who finished in the top 10 (A) of this race.<br>In case of the first run of event Alpine Combined (e.g.: for ACDH), the "top 10 finish" is considered for the best 5 competitors who have finished both AC runs. |
| FIS_CALC                       |                  | B              | N/A                  | Element Expected:<br>When available in individual events  |
|                                | <b>Attribute</b> | <b>M/O</b>     | <b>Value</b>         | <b>Description</b>  |
|                                | Value            | O              | Numeric<br>##0.00    | Total FIS Points of the best 5 competitors at Start (B)   |
| FIS_CALC                       |                  | C              | N/A                  | Element Expected:<br>When available in individual events  |
|                                | <b>Attribute</b> | <b>M/O</b>     | <b>Value</b>         | <b>Description</b>  |
|                                | Value            | O              | Numeric<br>##0.00    | Total FIS Points of corresponding (the best 5) competitors (C) from this race.  |
| FIS_CALC                       |                  | CALC_ABC       | N/A                  | Element Expected:<br>When available in individual events  |
|                                | <b>Attribute</b> | <b>M/O</b>     | <b>Value</b>         | <b>Description</b>  |
|                                | Value            | O              | Numeric<br>+/-#0.000 | Total calculated penalty (A+B-C)/10 (i.e.: (A plus B minus C) divided by 10)  |
| FIS_CALC                       |                  | CALC_ABC_ROUND | N/A                  | Element Expected:<br>When available in individual events  |
|                                | <b>Attribute</b> | <b>M/O</b>     | <b>Value</b>         | <b>Description</b>  |
|                                | Value            | O              | Numeric<br>+/-#0.00  | Total calculated penalty rounded  |
| FIS_CALC                       |                  | CATEGORY_ADD   | N/A                  | Element Expected:<br>When available in individual events  |
|                                | <b>Attribute</b> | <b>M/O</b>     | <b>Value</b>         | <b>Description</b>  |
|                                | Value            | O              | Numeric<br>##0.00    | Category adder  |
|                                |                  | Z              | N/A                  | Element Expected:   |



|          |                  |            |                     |  |
|----------|------------------|------------|---------------------|--|
| FIS_CALC |                  |            |                     | When available in individual events                      |
|          | <b>Attribute</b> | <b>M/O</b> | <b>Value</b>        | <b>Description</b>                                       |
|          | Value            | O          | Numeric<br>##0.00   | Correction value (Z)                                     |
| FIS_CALC |                  | PTY_CALC   | N/A                 | Element Expected:<br>When available in individual events |
|          | <b>Attribute</b> | <b>M/O</b> | <b>Value</b>        | <b>Description</b>                                       |
|          | Value            | O          | Numeric<br>+/-##0.0 | Calculated penalty                                       |
| FIS_CALC |                  | PTY_APPL   | N/A                 | Element Expected:<br>When available in individual events |
|          | <b>Attribute</b> | <b>M/O</b> | <b>Value</b>        | <b>Description</b>                                       |
|          | Value            | O          | Numeric<br>##0.00   | Penalty applied  |
| FIS_CALC |                  | F_FACTOR   | N/A                 | Element Expected:<br>When available in individual events |
|          | <b>Attribute</b> | <b>M/O</b> | <b>Value</b>        | <b>Description</b>                                       |
|          | Value            | O          | Numeric<br>###0     | F-factor   |

**Sample (Individual event)**

```

...
<ExtendedInfos>
  <ExtendedInfo Type="FIS_CALC" Code="B" Value="6.64" />
  <ExtendedInfo Type="FIS_CALC" Code="A" Value="8.98" />
  <ExtendedInfo Type="FIS_CALC" Code="C" Value="23.19" />
  <ExtendedInfo Type="FIS_CALC" Code="CALC_ABC" Value="-0.757" />
  <ExtendedInfo Type="FIS_CALC" Code="CALC_ABC_ROUND" Value="-0.76" />
  <ExtendedInfo Type="FIS_CALC" Code="CATEGORY_ADD" Value="0.00" />
  <ExtendedInfo Type="FIS_CALC" Code="Z" Value="0.00" />
  <ExtendedInfo Type="FIS_CALC" Code="PTY_CALC" Value="-0.76" />
  <ExtendedInfo Type="FIS_CALC" Code="PTY_APPL" Value="0.00" />
  <ExtendedInfo Type="FIS_CALC" Code="F_FACTOR" Value="1070" />
  <SportDescription DisciplineName="Alpine Skiing" EventName="Ladies' Alpine Combined"
Gender="W" />
  <VenueDescription Venue="JAL" VenueName="Jeongseon Alpine Centre" />
</ExtendedInfos>
...

```

**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.     |
| Gender         | M   | <a href="#">CC @DisciplineGender</a> | Gender code for the event unit.              |

**Element: ExtendedInfos /VenueDescription (0,1)**

**Venue Names in text**

| Attribute | M/O | Value                         | Description                                   |
|-----------|-----|-------------------------------|---|
| Venue     | M   | <a href="#">CC @VenueCode</a> | 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   | S(3)                           | Rank of the competitor in the result.<br>Final rank of the competitor in the corresponding event.<br>This attribute is optional because the competitor could get an invalid result mark.   |
| RankEqual  | O   | S(1)                           | Send Y if the rank is equalled, else do not send   |
| ResultType | O   | <a href="#">SC @ResultType</a> | Result type, for the corresponding event, mandatory if Result or IRM is included.  |
| Result     | O   | m:ss.ff                        | The result of the competitor in the event.<br>Time if ResultType is TIME (only include in individual events).  |
| IRM        | O   | <a href="#">SC @IRM</a>        | Send if the competitor has an invalid result mark (IRM)  |
| 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)**

(for Individual events)

| Type | Code | Pos | Description                                      |
|------|------|-----|--|
| ER   | DIFF | N/A | Element Expected:<br>Always in individual events |



|    | Attribute | M/O        | Value             | Description   |
|----|-----------|------------|-------------------|---|
|    | Value     | O          | +m:ss.ff          | Time difference behind leader or 0.00 for leader. Do not send leading zero. (in the case @ResultType is TIME) |
| ER |           | RACE_PTS   | N/A               | Element Expected:<br>Always in individual events  |
|    | Attribute | M/O        | Value             | Description   |
|    | Value     | O          | Numeric<br>##0.00 | Race points earned for each ranked competitor (in the case @ResultType is TIME)                               |
| ER |           | BEST_START | N/A               | Element Expected:<br>Only for the best 5 skiers at start of the event in individual events                    |
|    | Attribute | M/O        | Value             | Description   |
|    | Value     | O          | Numeric<br>0      | Indicator of the best 5 skiers according to their FIS points at the start of the event, 1..5                  |

**Sample (Individual event)**

```

...
<Result Rank="2" ResultType="TIME" Result="2:35.02" SortOrder="2" >
  <ExtendedResults>
    <ExtendedResult Type="ER" Code="DIFF" Value="+0.40" />
    <ExtendedResult Type="ER" Code="RACE_PTS" Value="2.77" />
    <ExtendedResult Type="ER" Code="BEST_START" Value="2" />
  </ExtendedResults>
  <Competitor Code="2023550" Type="A" Organisation="GER" >
    <Composition>
      <Athlete Code="2023550" Order="1" >
        <Description GivenName="John" FamilyName="SMITH" Gender="M" Organisation="GER"
        BirthDate="1994-12-15" IFId="291459" />
      </Athlete>
    </Composition>
  </Competitor>
</Result>
...

```

**Sample (Team event)**



```

...
<Result Rank="2" SortOrder="2">
  <Competitor Code="ALPXPLTEAM4-SUI01" Type="T" Organisation="SUI" >
    <Description TeamName="Switzerland"/>
    <Composition>
      <Athlete Code="2023550" Order="1" >
        <Description GivenName="John" FamilyName="SMITH" Gender="M" Organisation="SUI"
BirthDate="1994-12-15" IFId="460060" />
      </Athlete>
      <Athlete Code="2031721" Order="1" >
        <Description GivenName="DJ" FamilyName="BROWN" Gender="M" Organisation="SUI"
BirthDate="1992-12-14" IFId="465098" />
      </Athlete>
      <Athlete Code="2031624" Order="3" >
        <Description GivenName="Marie" FamilyName="GAGNON" Gender="F" Organisation="SUI"
BirthDate="1994-12-15" IFId="460071" />
      </Athlete>
    ...
    </Composition>
  </Competitor>
</Result>
...

```

**Element: 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>For Competitor @Type=T, it will be Team's ID for the Team event.<br>Otherwise, Athlete's ID (for Competitor @Type=A). |
| Type         | M   | T,A                              | T for team<br>A for athlete  |
| Organisation | M   | <a href="#">CC @Organisation</a> | Competitor's organisation  |

**Element: Result /Competitor /Description (0,1)**

(for Team event only)

| Attribute | M/O | Value | Description       |
|-----------|-----|-------|-------------------|
| TeamName  | M   | S(73) | Name of the team. |

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

| Attribute | M/O | Value | Description |
|-----------|-----|-------|-------------|
|-----------|-----|-------|-------------|



|       |   |                              |  |
|-------|---|------------------------------|--|
| Code  | M | S(20) with no leading zeroes | Athlete's ID, corresponding to an individual athlete or a team member.<br><br>Team members should be participating in the event. |
| Order | M | Numeric                      | 1 in individual events (if Competitor @Type="A"), and, athlete starting order (1..n) for teams (if Competitor @Type="T").        |

| 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   | <a href="#">CC @PersonGender</a> | Gender of the athlete   |
| Organisation   | M   | <a href="#">CC @Organisation</a> | 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   |

### 2.3.7.6 Message Sort

Sort by Result @SortOrder



## 2.3.8 Configuration

### 2.3.8.1 Description

The Configuration is a message containing general configuration.

Ideally the configuration should be provided before competition. However it may be possible that the configuration for one particular event, phase or event unit is not known in advance. In that case send the unknown attributes blank (Value="").

Intermediate points and Speed measurement points (Speed traps) explanation:

\* Intermediates are defined in /Config /ExtendedConfig (Type=EC, Code=INTERMEDIATE, Pos=sequential number, Value=Intermediate point text description - requirement ref from ORIS output C77B: Int.1=Worker City/Tunnel).

\* Instant speed is measured at different points within the piste with the use of speed traps. Speed measurement points (speed traps) are defined in /Config /ExtendedConfig (Type=EC, Code=SPEED, Pos=sequential number, Value=Speed trap text description).

This definition separates each. The INT\_ORDER config extension is additional information only and it is nested inside the SPEED element. It says what is the intermediate point closer to the specific speed trap either before or at the same distance as the speed trap

\* IND\_ORDER explanation: /Config /ExtendedConfig (Type=EC, Code=SPEED, Pos=sequential number, Value=Speed trap text description)/ExtendedConfigItem (Code=INT\_ORDER, Value=<the @Pos of the intermediate point at or immediately before this speed trap (there can be more than one speed trap with the same value though @Pos will be different)>).

To make it more clear please consider the sample below in the Message Values section.

### 2.3.8.2 Header Values

The following table describes the message header attributes.

| Attribute       | Value                           | Comment  |
|-----------------|---------------------------------|--|
| CompetitionCode | <a href="#">CC @Competition</a> | Unique ID for competition  |
| DocumentCode    | Full RSC                        | Sent according to the ODF Common Codes document (header values).<br><br>For Individual events, one message is sent per unit.<br>For the Team event, one message is sent for the event with the header. |



|              |                            |   |
|--------------|----------------------------|---|
| 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                       | <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       | <a href="#">SC @Source</a> | Code indicating the system which generated the message.   |

### 2.3.8.3 Trigger and Frequency

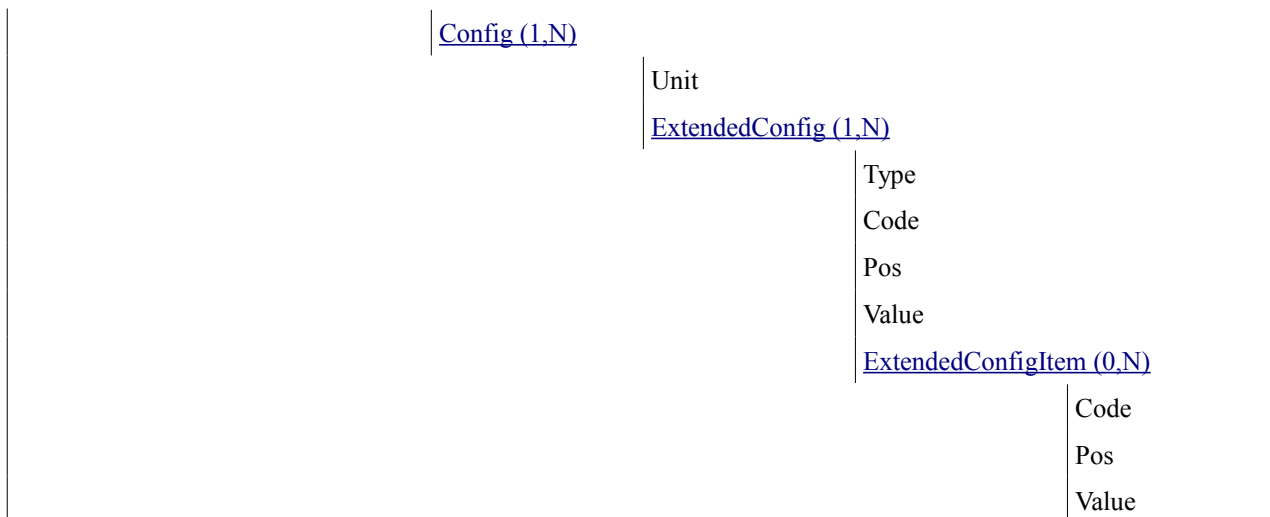
The message is sent prior to any ODF Sports message.

Trigger also after any major change, but considering that, if possible, the configuration for one particular event, phase or event unit must be provided before the start list. If a DT\_CONFIG message is sent after a DT\_RESULT in a related unit then the next version of DT\_RESULT must be sent immediately.

### 2.3.8.4 Message Structure

The following table defines the structure of the message.

| Level 1                           | Level 2                       | Level 3 | Level 4 | Level 5 | Level 6 |
|-----------------------------------|-------------------------------|---------|---------|---------|---------|
| <a href="#">Competition (0,1)</a> |                               |         |         |         |         |
|                                   | <a href="#">Configs (1,1)</a> |         |         |         |         |



### 2.3.8.5 Message Values

| Element: Configs /Config (1,N) |     |                          |  |
|--------------------------------|-----|--------------------------|--|
| Attribute                      | M/O | Value                    | Description  |
| Unit                           | M   | <a href="#">CC @Unit</a> | Full RSC of the Unit.<br>Can be at event or unit level (for the team event or individual events, respectively) |

| Element: Configs /Config /ExtendedConfig (1,N) |                                 |            |   |
|--|---------------------------------|------------|---|
| Type   | Code                            | Pos        | Description                             |
| FIS  | CODEX                           | N/A        | Element Expected:<br>When available     |
|  | <b>Attribute</b>                | <b>M/O</b> | <b>Value</b>                            |
|  | Value                           | O          | String                                  |
|  | <b>Description</b>              |            |   |
|  | FIS Codex                       |            |   |
| FIS  | CODEX_SCDH                      | N/A        | Element Expected:<br>Speed events in AC |
|  | <b>Attribute</b>                | <b>M/O</b> | <b>Value</b>                            |
|  | Value                           | O          | String                                  |
|  | <b>Description</b>              |            |   |
|  | FIS Codex for speed part in AC. |            |   |
| FIS  | HOMOLOGATION                    | N/A        | Element Expected:<br>When available     |
|  | <b>Attribute</b>                | <b>M/O</b> | <b>Value</b>                            |
|  | Value                           | O          | String                                  |
|  | <b>Description</b>              |            |   |
|  | FIS Homologation number         |            |   |
|  | NAME                            | N/A        | Element Expected:                       |



|  |                  |                 |  |   |
|--|------------------|-----------------|--|---|
| COURSE   |                  |                 |  | When available                            |
|  | <b>Attribute</b> | <b>M/O</b>      | <b>Value</b>                                   | <b>Description</b>                        |
|  | Value            | O               | String   | Name of the course in ENG                 |
| COURSE   |                  | LENGTH          | N/A  | Element Expected:<br>Always               |
|  | <b>Attribute</b> | <b>M/O</b>      | <b>Value</b>                                   | <b>Description</b>                        |
|  | Value            | O               | Numeric<br>###0                                | Send the total length of the course in m. |
| COURSE   |                  | ALTITUDE        | N/A  | Element Expected:<br>Always               |
| <b>Sub Element: Configs /Config /ExtendedConfig /ExtendedConfigItem</b><br><b>Expected: Always</b> |                  |                 |  |   |
|  | <b>Attribute</b> | <b>Value</b>    | <b>Description</b>                             |   |
|  | Code             | DROP            |  |   |
|  | Pos              | N/A             |  |   |
|  | Value            | Numeric<br>###0 | Send the total vertical drop in metres         |   |
| <b>Sub Element: Configs /Config /ExtendedConfig /ExtendedConfigItem</b><br><b>Expected: Always</b> |                  |                 |  |   |
|  | <b>Attribute</b> | <b>Value</b>    | <b>Description</b>                             |   |
|  | Code             | FINISH          |  |   |
|  | Pos              | N/A             |  |   |
|  | Value            | Numeric<br>###0 | Send the altitude at the finish in metres      |   |
| <b>Sub Element: Configs /Config /ExtendedConfig /ExtendedConfigItem</b><br><b>Expected: Always</b> |                  |                 |  |   |
|  | <b>Attribute</b> | <b>Value</b>    | <b>Description</b>                             |   |
|  | Code             | START           |  |   |
|  | Pos              | N/A             |  |   |
|  | Value            | Numeric<br>###0 | Send the altitude at the start point in metres |   |
| COURSE   |                  | GRADIENT        | N/A  | Element Expected:<br>Always               |
| <b>Sub Element: Configs /Config /ExtendedConfig /ExtendedConfigItem</b><br><b>Expected: Always</b> |                  |                 |  |   |
|  | <b>Attribute</b> | <b>Value</b>    | <b>Description</b>                             |   |
|  | Code             | AVG             |  |   |





|  |                  |                     |   |  |
|--|------------------|---------------------|---|--|
|  | Pos              | N/A                 |   |  |
|  | Value            | Numeric<br>#0.00    | Average gradient  |  |
| <b>Sub Element: Configs /Config /ExtendedConfig /ExtendedConfigItem</b><br><b>Expected: Always</b> |                  |                     |   |  |
|  | <b>Attribute</b> | <b>Value</b>        | <b>Description</b>  |  |
|  | Code             | MAX                 |   |  |
|  | Pos              | N/A                 |   |  |
|  | Value            | Numeric<br>#0.00    | Maximum gradient  |  |
| <b>Sub Element: Configs /Config /ExtendedConfig /ExtendedConfigItem</b><br><b>Expected: Always</b> |                  |                     |   |  |
|  | <b>Attribute</b> | <b>Value</b>        | <b>Description</b>  |  |
|  | Code             | MIN                 |   |  |
|  | Pos              | N/A                 |   |  |
|  | Value            | Numeric<br>+/-#0.00 | Minimum gradient<br>(may have negative value)   |  |
| EC   |                  | INTERMEDIATE        | S(2)<br><br>Pos Description:<br>Send the value that identifies the intermediate point, 'S' for start then '1' to 'n' for intermediates along the course, and 'F' for the finish point.<br><br>Element Expected:<br>Always<br>(in individual events) |  |
|  | <b>Attribute</b> | <b>M/O</b>          | <b>Value</b>  | <b>Description</b>   |
|  | Value            | O                   | String  | Name of the intermediate point in ENG. Not applicable for 'S' or 'F' (blank).                            |
| EC   |                  | INTERMEDIATES_NUM   | N/A   | Element Expected:<br>Always.<br>(in individual events)   |
|  | <b>Attribute</b> | <b>M/O</b>          | <b>Value</b>  | <b>Description</b>   |
|  | Value            | O                   | Numeric<br>#0   | Send the total number of intermediate points where the time is recorded including 'F'.                   |
| EC   |                  | SPEED               | Numeric<br>0  | Pos Description:<br>Send the value that identifies the speed trap.<br>Sequential numbering 1..n over all |



|    |  |              |  |  |
|----|--|--------------|--|--|
|    |  |              | speed traps on the course.<br>Element Expected:<br>For all Speed traps<br>(in individual events)   |  |
|    | <b>Attribute</b>   | <b>M/O</b>   | <b>Value</b>   | <b>Description</b>   |
|    | Value  | O            | String   | Name of the speed trap point in ENG.   |
|    | <b>Sub Element: Configs /Config /ExtendedConfig /ExtendedConfigItem</b><br><b>Expected: Always</b> |              |  |  |
|    | <b>Attribute</b>   | <b>Value</b> | <b>Description</b>   |  |
|    | Code   | INT_ORDER    |  |  |
|    | Pos  | N/A          |  |  |
|    | Value  | S(2)         | The @Pos of the intermediate point at or immediately before this speed trap<br>(there can be more than one speed trap with the same value though @Pos will be different) |  |
| EC |  | SPEED_NUM    | N/A  | Element Expected:<br>Always if not zero<br>(in individual events)            |
|    | <b>Attribute</b>   | <b>M/O</b>   | <b>Value</b>   | <b>Description</b>   |
|    | Value  | O            | Numeric<br>#0  | Send the total number of speed traps.  |
| EC |  | RUN          | N/A  | Element Expected:<br>Always in individual events with more than one run      |
|    | <b>Attribute</b>   | <b>M/O</b>   | <b>Value</b>   | <b>Description</b>   |
|    | Value  | O            | Numeric<br>0   | Send the order number of the run in the overall competition (usually 1 or 2) |

**Sample (Individual event)**



```
...
<Configs>
  <Config Unit="ALPMDH-----FNL-000100--">
    <ExtendedConfig Type="FIS" Code="CODEX" Value="0336" />
    <ExtendedConfig Type="FIS" Code="HOMOLOGATION" Value="8306/10/06" />
    <ExtendedConfig Type="COURSE" Code="LENGTH" Value="3105" />
    <ExtendedConfig Type="COURSE" Code="NAME" Value="Dave Murray" />
    <ExtendedConfig Type="COURSE" Code="ALTITUDE" >
      <ExtendedConfigItem Code="START" Value="1678" />
      <ExtendedConfigItem Code="FINISH" Value="825" />
      <ExtendedConfigItem Code="DROP" Value="853" />
    </ExtendedConfig>
    <ExtendedConfig Type="COURSE" Code="GRADIENT" >
      <ExtendedConfigItem Code="MAX" Value="52.00" />
      <ExtendedConfigItem Code="MIN" Value="-3.00" />
      <ExtendedConfigItem Code="AVG" Value="27.00" />
    </ExtendedConfig>
    <ExtendedConfig Type="EC" Code="INTERMEDIATES_NUM" Value="5" />
    <ExtendedConfig Type="EC" Code="SPEED_NUM" Value="2" />
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="S" Value="" />
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="1" Value="Caddy Flats" />
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="2" Value="Weasel" />
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="3" Value="Fallaway Flats" />
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="4" Value="Powerline" />
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="F" Value="" />
    <ExtendedConfig Type="EC" Code="SPEED" Pos="1" Value="Caddy Flats" />
      <ExtendedConfigItem Code="INT_ORDER" Value="1" />
    </ExtendedConfig>
    <ExtendedConfig Type="EC" Code="SPEED" Pos="2" Value="Around Crone" />
      <ExtendedConfigItem Code="INT_ORDER" Value="3" />
    </ExtendedConfig>
  </Config>
...

```

### 2.3.8.6 Message Sort

There is no general message sorting rule.



## 2.3.9 Federation Ranking

### 2.3.9.1 Description

The Federation Ranking is a message containing the rankings in a discipline. The rankings may be over the whole discipline or divided by event as appropriate for the discipline. One message may contain a single event or multiple events.

Rankings may be based on some points system and updated at fixed points or based on single performances and updated with each new performance.

Rankings may be for a fixed period, for example a calendar year or be taken over a rolling period.

### 2.3.9.2 Header Values

The following table describes the message header attributes.

| Attribute       | Value                           | Comment   |
|-----------------|---------------------------------|---|
| CompetitionCode | <a href="#">CC @Competition</a> | Unique ID for competition   |
| DocumentCode    | Full RSC                        | Sent according to the ODF Common Codes document (header values).<br>This message is only applicable for individual events.<br><br>One message for each event with World Cup Standings (DocumentSubtype="WC")<br>One message for each event with World Cup Start List Points (WCSL) (DocumentSubtype="WCSL")<br>One message (at discipline gender level) for the overall World Cup Standings (DocumentSubtype="WC")<br>One message (at discipline gender level) for the overall World Cup Start List Points (DocumentSubtype="WCSL") |
| DocumentSubcode | N/A                             | Not used in ALP   |
| DocumentType    | DT_FED_RANKING                  | Federation ranking message  |
| DocumentSubtype | S(20)                           | Federation Ranking type:<br>WC: for "World Cup Standings"<br>WCSL: for "World Cup Start List Points"  |
| 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                       | <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      | <a href="#">SC @Source</a> | Code indicating the system which generated the message.   |

### 2.3.9.3 Trigger and Frequency

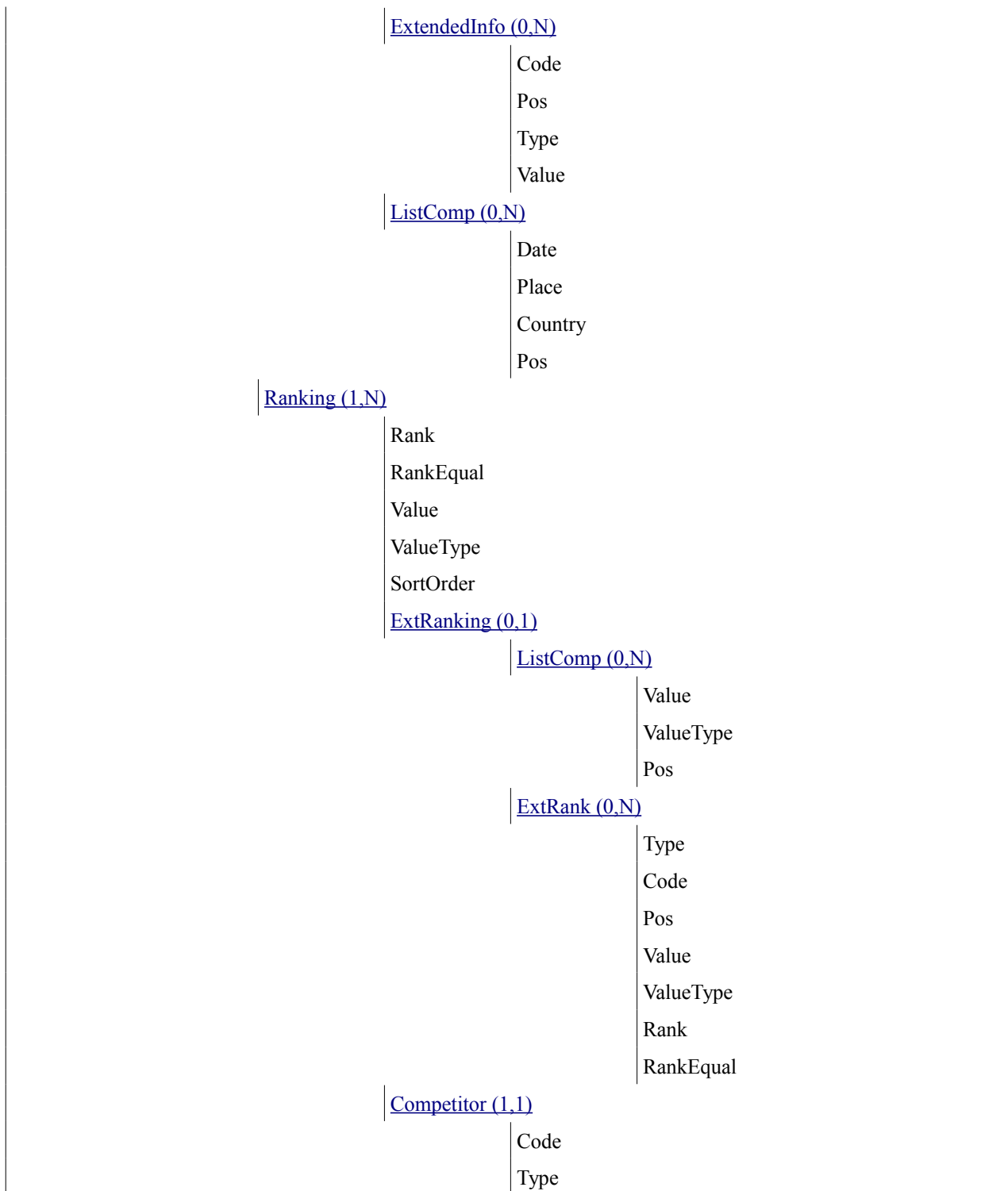
This message is sent in Individual events:

- \* As soon as the venue results system is operational (for DocumentSubtype WC and WCSL)
- \* After each event is official (for DocumentSubtype WCSL)

### 2.3.9.4 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 |
|-----------------------------------|-------------------------------------|--|----------------|---------|---------|---------|---------|
| <a href="#">Competition (0,1)</a> |                                     |  |                |         |         |         |         |
|                                   | <a href="#">ExtendedInfos (0,1)</a> |  |                |         |         |         |         |
|                                   |                                     | <a href="#">DateTime (1,1)</a>         |                |         |         |         |         |
|                                   |                                     |  | Update         |         |         |         |         |
|                                   |                                     | <a href="#">SportDescription (0,1)</a> |                |         |         |         |         |
|                                   |                                     |  | DisciplineName |         |         |         |         |
|                                   | <a href="#">Rankings (1,N)</a>      |  |                |         |         |         |         |
|                                   |                                     | Code                                   |                |         |         |         |         |
|                                   |                                     | Description                            |                |         |         |         |         |
|                                   |                                     | <a href="#">ExtendedInfos (0,1)</a>    |                |         |         |         |         |





|                          |  |
|--------------------------|--|
| Current Organisation     |  |
| <u>Composition (0,1)</u> |  |
| <u>Athlete (1,N)</u>     |  |
| Code                     |  |
| Order                    |  |
| <u>Description (1,1)</u> |  |
| GivenName                |  |
| FamilyName               |  |
| Gender                   |  |
| Organisation             |  |
| BirthDate                |  |
| IFId                     |  |

### 2.3.9.5 Message Values

| Element: ExtendedInfos /DateTime (1,1) |     |       |  |
|--|-----|-------|--|
| Attribute                              | M/O | Value | Description  |
| Update                                 | M   | Date  | Date of the Rankings, may be different to the date of the message. |

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

| Element: Rankings (1,N) |     |          |   |
|-------------------------|-----|----------|---|
| Attribute               | M/O | Value    | Description   |
| Code                    | M   | Full RSC | Full RSC of the Discipline Gender or Event as applicable            |
| Description             | M   | S(40)    | Full name applicable to the code (Text short description, not code) |

| Element: Rankings /ExtendedInfos /ExtendedInfo (0,N) |                  |         |                   |
|--|------------------|---------|-------------------|
| Type   | Code             | Pos     | Description       |
|  | CC @Organisation | Numeric | Code Description: |



|       |                  |            |                |   |
|-------|------------------|------------|----------------|---|
| TOP   |                  |            | ##0            | Send proposed code<br><br>Pos Description:<br>Order of organisations<br><br>Element Expected:<br>Only for individual event rankings |
|       | <b>Attribute</b> | <b>M/O</b> | <b>Value</b>   | <b>Description</b>  |
|       | Value            | O          | Numeric<br>##0 | Number of athletes from this organisation   |
| TOTAL |                  | COMPETITOR | N/A            | Element Expected:<br>Always   |
|       | <b>Attribute</b> | <b>M/O</b> | <b>Value</b>   | <b>Description</b>  |
|       | Value            | O          | Numeric<br>##0 | Number of competitors in the list   |
| TOTAL |                  | NOC        | N/A            | Element Expected:<br>Always   |
|       | <b>Attribute</b> | <b>M/O</b> | <b>Value</b>   | <b>Description</b>  |
|       | Value            | O          | Numeric<br>##0 | Number of NOCs in the list  |

**Sample (Event)**

```

...
<Rankings Code="ALPMDH-----" Description="Men's Downhill" >
  <ExtendedInfos>
    <ExtendedInfo Type="TOTAL" Code="COMPETITOR" Value="143" />
    <ExtendedInfo Type="TOTAL" Code="NOC" Value="57" />
    <ExtendedInfo Type="TOP" Code="AUT" Pos="1" Value="13" />
    <ExtendedInfo Type="TOP" Code="SUI" Pos="2" Value="11" />
    ...
    <ListComp Date="2013-11-30" Place="Lake Louise" Country="CAN" Pos="1" />
    <ListComp Date="2013-12-06" Place="Beaver Creek" Country="USA" Pos="2" />
    <ListComp Date="2013-12-21" Place="Val Gardena" Country="ITA" Pos="3" />
    <ListComp Date="2013-12-29" Place="Bormio" Country="ITA" Pos="4" />
    <ListComp Date="2014-01-18" Place="Wengen" Country="SUI" Pos="5" />
    <ListComp Date="2014-02-09" Place="Rosa Khutor" Country="RUS" Pos="6" />
  </ExtendedInfos>
...

```

**Sample (Overall)**





```

...
<Rankings Code="ALPW-----" Description="Women's Alpine Skiing" >
  <ExtendedInfos>
    <ExtendedInfo Type="TOTAL" Code="COMPETITOR" Value="143" />
    <ExtendedInfo Type="TOTAL" Code="NOC" Value="57" />
  </ExtendedInfos>
...

```

| Element: Rankings /ExtendedInfos /ListComp (0,N) |     |                             |   |
|--|-----|-----------------------------|---|
| Attribute  | M/O | Value                       | Description   |
| Date   | M   | Date                        | Date when the related competition took place (starting date). |
| Place  | O   | S(40)                       | Place when the related competition took place.                |
| Country  | O   | <a href="#">CC @Country</a> | Country when the related competition took place.              |
| Pos  | M   | Numeric<br>##0              | Order for the related competitions                            |

| Element: Rankings /Ranking (1,N) |     |                                |  |
|----------------------------------|-----|--------------------------------|--|
| Attribute                        | M/O | Value                          | Description  |
| Rank                             | M   | S(4)                           | Rank of the competitor                             |
| RankEqual                        | O   | S(1)                           | Send 'Y' if the rank is equalled, else do not send |
| Value                            | O   | S(5)                           | Points value, '-' for no value                     |
| ValueType                        | O   | <a href="#">SC @ResultType</a> | Result type (POINTS)                               |
| SortOrder                        | M   | Numeric<br>###0                | Order over all rankings considering equals etc.    |

| Element: Rankings /Ranking /ExtRanking /ListComp (0,N) |     |                                |  |
|--|-----|--------------------------------|--|
| Attribute  | M/O | Value                          | Description  |
| Value  | M   | S(3)                           | Points value in the related competition (could be '-')         |
| ValueType  | M   | <a href="#">SC @ResultType</a> | Result type (POINTS)   |
| Pos  | M   | Numeric<br>##0                 | Link to the competition Rankings /ExtendedInfos /ListComp @Pos |

| Element: Rankings /Ranking /ExtRanking /ExtRank (0,N) |      |     |                   |
|---|------|-----|-------------------|
| Type  | Code | Pos | Description       |
|   | BASE | N/A | Element Expected: |



|     |                  |            |                                |   |
|-----|------------------|------------|--------------------------------|---|
| EFR |                  |            |                                | Only for WCSL (at event level)  |
|     | <b>Attribute</b> | <b>M/O</b> | <b>Value</b>                   | <b>Description</b>  |
|     | Value            | O          | Numeric<br>###0                | Last season World Cup Start list Points, '-' for no value   |
| EFR |                  | X          | N/A                            | Element Expected:<br>Only for WCSL (at event level)   |
|     | <b>Attribute</b> | <b>M/O</b> | <b>Value</b>                   | <b>Description</b>  |
|     | Value            | O          | Numeric<br>###0                | X value, (Base/number of planned races in the current season) * (number of completed races in the current season)                                     |
| EFR |                  | Y          | N/A                            | Element Expected:<br>Only for WCSL (at event level)   |
|     | <b>Attribute</b> | <b>M/O</b> | <b>Value</b>                   | <b>Description</b>  |
|     | Value            | O          | Numeric<br>###0                | Y value, (FIS World Cup points won in the current season)   |
| EFR |                  | CC @Event  | N/A                            | Code Description:<br>Send proposed code (full event RSC)<br><br>Element Expected:<br>Only for overall and only if the athlete has points in the event |
|     | <b>Attribute</b> | <b>M/O</b> | <b>Value</b>                   | <b>Description</b>  |
|     | Value            | O          | Numeric<br>###0                | World Cup Points in the event   |
|     | ValueType        | O          | <a href="#">SC @ResultType</a> | ResultType (POINTS)   |
|     | Rank             | O          | Numeric<br>###0                | Send World Cup Rank in the event  |
|     | RankEqual        | O          | S(1)                           | Send 'Y' if the Rank is equalled else do not send   |
| EFR |                  | DIFF       | N/A                            | Element Expected:<br>Except for WCSL (at event level)   |
|     | <b>Attribute</b> | <b>M/O</b> | <b>Value</b>                   | <b>Description</b>  |
|     | Value            | O          | Numeric<br>###0                | The difference in points to the leader. Do not send for the leader.   |

**Sample (Event WCSL)**



```
...
<Ranking Rank="1" Value="652" ValueType="POINTS" SortOrder="1">
  <ExtRanking>
    <ListComp ValueType="POINTS" Value="50" Pos="1" />
    <ListComp ValueType="POINTS" Value="100" Pos="2" />
    <ListComp ValueType="POINTS" Value="50" Pos="3" />
    <ListComp ValueType="POINTS" Value="100" Pos="4" />
    <ListComp ValueType="POINTS" Value="60" Pos="5" />
    <ListComp ValueType="POINTS" Value="80" Pos="6" />
    <ListComp ValueType="POINTS" Value="50" Pos="7" />
    <ExtRank Type="EFR" Code="BASE" Value="539" />
    <ExtRank Type="EFR" Code="X" Value="377" />
    <ExtRank Type="EFR" Code="Y" Value="490" />
  </ExtRanking>
  <Competitor Code="2022663" Type="A" Current="N" Organisation="AUT" >
    <Composition>
      <Athlete Code="2022663" Order="1">
        <Description GivenName="Thomas" FamilyName="BOWIE" Gender="M" Organisation="AUT"
        BirthDate="1990-08-27" IFId="421328" />
      </Athlete>
    </Composition>
  </Competitor>
</Ranking>
...
```

**Sample (Overall)**



```

...
<Ranking Rank="1" Value="1593" ValueType="POINTS" SortOrder="1" >
  <ExtRanking>
    <ExtRank Type="EFR" Code="ALPWDH-----" Value="123" ValueType="POINTS"
Rank="24" />
    <ExtRank Type="EFR" Code="ALPWSG-----" Value="73" ValueType="POINTS"
Rank="67" />
  </ExtRanking>
  <Competitor Code="1130392" Type="A" Current="Y" Organisation="USA">
    <Composition>
      <Athlete Code="1130392" Order="1">
        <Description GivenName="Marie" FamilyName="BOWIE" Gender="F" Organisation="USA"
BirthDate="1990-08-27" IFId="421060" />
      </Athlete>
    </Composition>
  </Competitor>
</Ranking>
<Ranking Rank="2" Value="1343" ValueType="POINTS" SortOrder="2" >
  <ExtRanking>
    <ExtRank Type="EFR" Code="DIFF" Value="250" />
    <ExtRank Type="EFR" Code="ALPWDH-----" Value="136" ValueType="POINTS"
Rank="26" />
  ...
...

```

**Element: Rankings /Ranking /Competitor (1,1)**

| Attribute    | M/O | Value                            | Description   |
|--------------|-----|----------------------------------|---|
| Code         | M   | S(20) with no leading zeroes     | Competitor's ID<br>Athlete's ID (for Competitor @Type=A)  |
| Type         | M   | S(1)                             | A for athlete   |
| Current      | M   | S(1)                             | Usually send 'Y' if the competitor is taking part in the current competition or 'N' if not participating. |
| Organisation | O   | <a href="#">CC @Organisation</a> | Competitor's organisation   |

**Element: Rankings /Ranking /Competitor /Composition /Athlete (1,N)**

| Attribute | M/O | Value                        | Description                                    |
|-----------|-----|------------------------------|--|
| Code      | M   | S(20) with no leading zeroes | Athlete's ID                                   |
| Order     | M   | Numeric                      | 1 in individual events (if Competitor @Type=A) |

**Element: Rankings /Ranking /Competitor /Composition /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   | <a href="#">CC @PersonGender</a> | Gender of the athlete   |
| Organisation | M   | <a href="#">CC @Organisation</a> | 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   |

### 2.3.9.6 Message Sort

Sort by Ranking @SortOrder and @Pos where it exists.



## 2.3.10 Event Unit Weather conditions

### 2.3.10.1 Description

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

### 2.3.10.2 Header Values

The following table describes the message header attributes.

| Attribute       | Value                           | Comment   |
|-----------------|---------------------------------|---|
| CompetitionCode | <a href="#">CC @Competition</a> | Unique ID for competition   |
| DocumentCode    | Full RSC                        | Sent according to the ODF Common Codes document (header values) with one message per unit.  |
| DocumentType    | DT_WEATHER                      | Weather conditions in the match message   |
| Version         | 1..V                            | Version number associated to the message's content. Ascendant number  |
| FeedFlag        | "P"-Production<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                            | <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          | <a href="#">SC @Source</a>      | Code indicating the system which generated the message.   |



### 2.3.10.3 Trigger and Frequency

The message is sent if weather data conditions change during an event unit.

### 2.3.10.4 Message Structure

The following table defines the structure of the message.

| Level 1                           | Level 2                       | Level 3                          | Level 4                           | Level 5 |
|-----------------------------------|-------------------------------|----------------------------------|-----------------------------------|---------|
| <a href="#">Competition (0,1)</a> |                               |                                  |                                   |         |
|                                   | <a href="#">Weather (1,1)</a> |                                  |                                   |         |
|                                   |                               | <a href="#">Conditions (1,N)</a> |                                   |         |
|                                   |                               |                                  | Code                              |         |
|                                   |                               |                                  | Humidity                          |         |
|                                   |                               |                                  | Wind_Direction                    |         |
|                                   |                               |                                  | Prec_Type                         |         |
|                                   |                               |                                  | <a href="#">Condition (0,3)</a>   |         |
|                                   |                               |                                  |                                   | Code    |
|                                   |                               |                                  |                                   | Value   |
|                                   |                               |                                  | <a href="#">Temperature (0,N)</a> |         |
|                                   |                               |                                  |                                   | Code    |
|                                   |                               |                                  |                                   | Unit    |
|                                   |                               |                                  |                                   | Value   |
|                                   |                               |                                  | <a href="#">Wind (0,N)</a>        |         |
|                                   |                               |                                  |                                   | Code    |
|                                   |                               |                                  |                                   | Unit    |
|                                   |                               |                                  |                                   | Value   |

### 2.3.10.5 Message Values

| Element: Weather /Conditions (1,N) |     |                                   |                                       |
|------------------------------------|-----|-----------------------------------|---------------------------------------|
| Attribute                          | M/O | Value                             | Description                           |
| Code                               | M   | <a href="#">SC @WeatherPoint</a>  | Weather Points, send START and FINISH |
| Humidity                           | O   | Numeric<br>##0                    | Humidity in %                         |
| Wind_Direction                     | O   | <a href="#">CC @WindDirection</a> | Wind direction                        |
| Prec_Type                          | O   | <a href="#">SC @PrecType</a>      | Precipitation type (if applicable)    |



| <b>Element: Weather /Conditions /Condition (0,3)</b>             |            |  |  |
|--|------------|--|--|
| <b>Send two times in the case of Winter conditions (in ALP).</b> |            |  |  |
| <b>Attribute</b>   | <b>M/O</b> | <b>Value</b>   | <b>Description</b>   |
| Code   | M          | S(4)   | Weather condition type, send SKY and SNOW  |
| Value  | M          | CC<br>@WeatherConditions<br>Or<br>CC @SnowConditions | Codes that describe the Weather Condition.<br>Use CC @WeatherConditions for SKY<br>Use CC @SnowConditions for SNOW |

| <b>Element: Weather /Conditions /Temperature (0,N)</b>                          |            |                                     |   |
|---|------------|-------------------------------------|---|
| <b>Send with two different @Code in the case of Winter conditions (in ALP).</b> |            |                                     |   |
| <b>Attribute</b>  | <b>M/O</b> | <b>Value</b>                        | <b>Description</b>                                  |
| Code  | M          | S(4)                                | Temperature type, send AIR, SNOW                    |
| Unit  | M          | <a href="#">SC @TemperatureUnit</a> | Metric system unit for temperature, send both       |
| Value   | M          | Numeric<br>#0.0                     | Temperature of the @Code.<br>Negative if applicable |

| <b>Element: Weather /Conditions /Wind (0,N)</b> |            |                              |                               |
|---|------------|------------------------------|-------------------------------|
| <b>Attribute</b>                                | <b>M/O</b> | <b>Value</b>                 | <b>Description</b>            |
| Code  | M          | S(5)                         | Wind Speed, send SPEED        |
| Unit  | M          | <a href="#">SC @WindUnit</a> | Unit for Wind. Use MS and KMH |
| Value   | M          | Numeric<br>##0.0             | Wind speed in @Unit           |

**Sample (Event)**





```
...
<Weather>
  <Conditions Code="START" Humidity="49" Wind_Direction="SE">
    <Condition Code="SKY" Value="pc" />
    <Condition Code="SNOW" Value="hrd" />
    <Temperature Code="AIR" Unit="C" Value="2.8" />
    <Temperature Code="AIR" Unit="F" Value="37.0" />
    <Temperature Code="SNOW" Unit="C" Value="-2.4" />
    <Temperature Code="SNOW" Unit="F" Value="27.7" />
    <Wind Code="SPEED" Unit="KMH" Value="7.2" />
    <Wind Code="SPEED" Unit="MS" Value="2.0" />
  </Conditions>
  <Conditions Code="FINISH" Humidity="37" Wind_Direction="VR">
    <Condition Code="SKY" Value="pc" />
    <Condition Code="SNOW" Value="hrd" />
    <Temperature Code="AIR" Unit="C" Value="8.8" />
    <Temperature Code="AIR" Unit="F" Value="47.8" />
    <Temperature Code="SNOW" Unit="C" Value="0.3" />
    <Temperature Code="SNOW" Unit="F" Value="32.5" />
    <Wind Code="SPEED" Unit="KMH" Value="0.0" />
    <Wind Code="SPEED" Unit="MS" Value="0.0" />
  </Conditions>
</Weather>
...
```

### 2.3.10.6 Message Sort

There is no special sort order requirement for this message. Usually, Conditions@code is the attribute used to sort the conditions.



### 3 Message Timeline

#### 3.1 Preparation Phase

| Trigger                             | Message                                | Status | D | E | P | U |
|-------------------------------------|--|--------|---|---|---|---|
| OVR gets Initial data               | DT_CODES                               |        | o |   |   | o |
|                                     | DT_SCHEDULE                            |        | X |   |   | o |
|                                     | DT_PARTIC                              |        | X | o |   |   |
|                                     | DT_PARTIC_TEAM                         |        | X | o |   |   |
| OVR sends                           | DT_CONFIG                              |        |   |   | X |   |
| When Team Event nations are known   | DT_BRACKETS                            |        |   | X |   |   |
|                                     | <a href="#">DT_PDF C75x Brackets</a>   |        |   |   |   |   |
|                                     | <a href="#">DT_PDF C08 Schedule</a>    |        | X |   |   |   |
| After changes of athlete data       | DT_PARTIC_UPDATE                       |        | X |   |   |   |
| After changes of team data          | DT_PARTIC_TEAM_UPDATE                  |        | X |   |   |   |
| When athlete/team data is confirmed | <a href="#">DT_PDF C32x Entry List</a> |        | X |   |   |   |

#### 3.2 Before (Team Captains Meeting)

| Trigger                             | Message                                | Status     | D | E | P | U |
|-------------------------------------|--|------------|---|---|---|---|
| Event format is defined             | DT_CONFIG                              |            |   |   | X |   |
| Start List is known                 | DT_RESULT for each unit                | START_LIST |   |   |   | X |
|                                     | <a href="#">DT_PDF C51x Start List</a> |            |   |   |   | X |
| After changes of athlete data       | DT_PARTIC_UPDATE                       |            | X |   |   |   |
| After changes of team data          | DT_PARTIC_TEAM_UPDATE                  |            | X |   |   |   |
| When athlete/team data is confirmed | <a href="#">DT_PDF C32x Entry List</a> |            | X |   |   |   |



### 3.3 During each Unit

| Trigger   | Message  | Status        | D | E | P | U |
|---|--|---------------|---|---|---|---|
| Team Event: athletes at start are known   | DT_BRACKETS                                      |               |   | X |   |   |
| Team Event: athletes at start are known   | DT_RESULT for each unit (for each run in a heat) | START_LIST    |   |   |   | X |
|   | DT_WEATHER                                       |               |   | X |   |   |
| First athlete in position, approx. 30 seconds before start  | DT_SCHEDULE_UPDATE                               | GETTING_READY | X |   |   | o |
| First athlete leaves the gate   | DT_SCHEDULE_UPDATE                               | RUNNING       | X |   |   | o |
| At any time a competitor starts. (This athlete/pair will be considered current) and there will be a new "next" (unless last athlete). *   | DT_CURRENT                                       |               |   |   |   | X |
| Immediately after every addition/change in data during the run. *   | DT_CURRENT                                       |               |   |   |   | X |
| Immediately after each competitor completes the course and the data is available. *   | DT_CURRENT                                       |               |   |   |   | X |
| Where athletes participate one by one:<br>Send after each athlete (with all intermediate data and judge data) completes the course (and has all data) [no update during an athlete's run] * | DT_RESULT  | LIVE          |   |   |   | X |
| Where athletes participate together (pair of athletes = one unit):<br>Send with all updates during the unit *   | DT_RESULT  | LIVE          |   |   |   | X |
| Send after each athlete completes the course (and has all data) during the second and subsequent units. *   | DT_RESULT<br>DT_CUMULATIVE_RESULT                | LIVE<br>LIVE  |   | X |   | X |
| * repeated for each athlete   |  |               |   |   |   |   |



### 3.4 After each unit

| Trigger   | Message                                | Status                 | D | E | P | U      |
|---|--|------------------------|---|---|---|--------|
| Last score/result<br>(when results confirmed )  | DT_RESULT                              | UNOFFICIAL<br>OFFICIAL |   |   |   | X<br>X |
| Send after the first unit is official,<br>only if there are other units left in<br>the phase (not for Team event) | DT_CUMULATIVE_RESULT                   | INTERMEDIATE           |   | X |   |        |
|   | DT_SCHEDULE_UPDATE                     | <i>FINISHED</i>        | X |   |   | o      |
| Each run except last one (not for<br>Team Event)  | DT_RESULT                              | START_LIST             |   |   |   | X      |
| Each run except last one (not for<br>Team Event)  | <a href="#">DT_PDF C51x Start List</a> |                        |   |   |   | X      |

### 3.5 After each Team Event heat (4 units)

| Trigger  | Message            | Status                 | D | E | P | U      |
|--|--------------------|------------------------|---|---|---|--------|
| After the last run in the heat)<br>(when confirmed)        | DT_RESULT for unit | UNOFFICIAL<br>OFFICIAL |   |   |   | X<br>X |
| For winner next phase heat (if<br>any, not in final phase) | DT_BRACKETS        | INTERMEDIATE           |   | X |   |        |
| For winner next phase heat (if<br>any, not in final phase) | DT_RESULT          | START_LIST             |   |   |   | X      |

### 3.6 At the end of a phase (except Team Event)

| Trigger                                     | Message  | Status     | D | E | P | U |
|---|--|------------|---|---|---|---|
| Scores/Results are entered                  | DT_RESULT                                      | UNOFFICIAL |   |   |   | X |
| At the end of last unit if more<br>than one | DT_CUMULATIVE_RESULT                           | UNOFFICIAL |   |   | X |   |
|   | <a href="#">DT_PDF C72x Unofficial Results</a> |            |   |   | X |   |
| Unit Scores/Results confirmed               | DT_RESULT                                      | OFFICIAL   |   |   |   | X |
| At the end of last unit if more<br>than one | DT_CUMULATIVE_RESULT                           | OFFICIAL   |   |   | X |   |
|   | <a href="#">DT_PDF C73x Results</a>            |            |   |   | X |   |
| For next phase (not if last phase)          | DT_CONFIG                                      |            |   |   | X |   |



| Trigger                          | Message                                | Status     | D | E | P | U |
|----------------------------------|--|------------|---|---|---|---|
| For next unit (not if last unit) | DT_RESULT                              | START_LIST |   |   |   | X |
|                                  | <a href="#">DT_PDF C51x Start List</a> |            |   |   |   | X |

### 3.7 At the end of a Team Event phase

| Trigger                            | Message                              | Status       | D | E | P | U |
|------------------------------------|--------------------------------------|--------------|---|---|---|---|
| For next phase (not if last phase) | DT_CONFIG                            |              |   |   | X |   |
|                                    | <a href="#">DT_PDF C75x Brackets</a> | INTERMEDIATE |   | X |   |   |
|                                    | DT_RANKING                           | PARTIAL      |   | X |   |   |

### 3.8 At the end of the event

| Trigger  | Message  | Status   | D | E | P | U |
|--|--|----------|---|---|---|---|
| Unit Scores/Results confirmed for Team Event (all heats) | DT_RESULT                                      | OFFICIAL |   |   |   | X |
| After last event unit is official                        | DT_RANKING                                     | OFFICIAL |   | X |   |   |
| Team Event   | DT_BRACKETS                                    | OFFICIAL |   | X |   |   |
|  | DT_MEDALLISTS                                  | OFFICIAL |   | X |   |   |
|  | <a href="#">DT_PDF C92x Medallists</a>         |          |   | X |   |   |
|  | DT_MEDALLISTS_DISCIPLINE                       |          | X |   |   |   |
| After the last event only                                | <a href="#">DT_PDF C93 Medallists by Event</a> |          | X |   |   |   |

**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            | 15 Jan 2015 | First Version   |
| v1.1            | 27 Feb 2015 | Updated   |
| v1.2            | 01 May 2015 | Updated   |
| v1.3            | 08 Jul 2015 | Updated   |
| v1.4            | 01 Sep 2015 | Updated   |
| v1.5            | 07 Oct 2015 | Updated   |
| v1.6            | 09 Nov 2015 | Updated   |
| v1.7            | 04 Jan 2016 | Status Change   |
| v1.8            | 24 Mar 2016 | Updated   |
| v1.9            | 19 May 2016 | Updated   |
| v1.10           | 22 Sep 2016 | Updated   |
| v1.11           | 10 Nov 2016 | Updated   |
| v2.0            | 23 Feb 2017 | First version as a full document, CR14578 and CR14579 applied |
| v2.1            | 20 Apr 2017 | Updated and CR14943 applied                                   |
| v2.2            | 25 May 2017 | CR15036 applied   |
| v2.3            | 20 Jul 2017 | Updated and CR15328 applied                                   |
| v2.4            | 02 Oct 2017 | CR15534 applied   |
| v2.5            | 30 Oct 2017 | CR15840 applied   |

### File Reference: ODF/INT411 R-WOG-2018-ALP-v2.5 APP

| Change Log |        |   |
|------------|--------|---|
| Version    | Status | Changes on version  |
| v1.0       | Draft  | First version   |
| v1.1       | Draft  | Omega Review  |
| v1.2       | SFR    | Omega Review  |
| v1.3       | SFR    | Updated codes and Federation Ranking  |
| v1.4       | SFR    | Updated DT_BRACKETS   |
| v1.5       | SFR    | Added WLT Extension in Cumulative message for team event<br>Note to not send rank for losing competitor in team heat in cumulative message. |



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|       |     | Updated triggering in results and cumulative results.   |
| v1.6  | SFR | DT_PARTIC: Change extension PTS to RANK_PTS for consistency   |
| v1.7  | SFA | Status Change   |
| v1.8  | SFA | CR8930 - Change header in Cumulative messages<br>CR8933, triggering of cumulative results.<br>CR8934, DT_BRACKETS adding IRM attribute and START_LIST<br>CR9941 - Add Result attribute at CompetitorPlace in DT_BRACKETS  |
| v1.9  | SFA | In DT_CURRENT add STARTED in ExtendedInfos  |
| v1.10 | APP | -Change Federation Ranking to have separate messages for WCSL and WC Standings by event. Updated as appropriate.<br>-DT_CONFIG: Add information for the units in the alpine combined (additional event level message).<br>-Changed to use DT_RESULT for Team overall message and not use DT_CUMULATIVE_RESULT in teams competition (to allow the use of a start list)   |
| v1.11 | APP | -Correcting typographical errors + clarifications<br>-Removed "match" terminology, use heat = NOC v NOC in team event.<br>-DT_RESULT: Included the definition of the Officials /Official /Description element to not include the attribute IFId.<br>-DT_RANKING: Included a clarification in the header section to indicate the message send for the speed unit in AC event will be as OFFICIAL too.<br>-DT_CONFIG: Included the comment in the codes that apply only to Individual events (such as INTERMEDIATE, INTERMEDIATES_NUM, SPEED and SPEED_NUM).<br>-Corrections applied in optional elements and samples.  |
| v2.0  | APP | -First version as a full document<br>-DT_RESULT: In ExtendedInfos changed StartDate and EndDate to be actual only, do not include until unit starts/ends [CR14578]<br>-DT_RESULT: Removed StartListMod in the ODF Header [CR14579]  |
| v2.1  | APP | -(def.#145727) DT_RESULT: Updated when is expected the DIFF_M code (at Result /ExtendedResults /ExtendedResult element).<br>-DT_CONFIG: Triggering update to reflect sending of a new version of DT_RESULT as soon as DT_CONFIG changes [CR14943]   |
| v2.2  | APP | (CR15036):<br>-DT_RESULT: Added the F_FACTOR code (at ExtendedInfos /ExtendedInfo element), to send after start in Individual events (not applicable to Trainings).<br>-DT_RESULT: Updated the @QualificationMark attribute (at the Result element), to include the codes when tie breaking is applied in team event (as (QT)-"Qualified by Time" if tie broken by time, and (QB)-"Qualified by Bib" if tie broken by bib).<br>-DT_RESULT: Added the TIE_BREAK/BIB code (at the Result /ExtendedResults /ExtendedResult element), to be send always if Tie-break by bib for both teams (if applicable, only for overall Team event).<br>-DT_RESULT: Added the TEAM_LEADER code (at the "Result /Competitor /EventUnitEntry" element that has been included) for the Overall team event only. Updated sample.<br>-DT_RESULT: Added the COURSE code (with values R / B, in a new entity of codes "SC @Course") (at Result /Competitor /Composition /Athlete /EventUnitEntry element) for the Team event - run only. Updated sample. |



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|      |     | -DT_FED_RANKING: Added DIFF code (at Rankings /Ranking /ExtRanking /ExtRank element) with the difference in points to the leader (except for WCSL at event).   |
| v2.3 | APP | <p>-(def.#147505): Updated the "Message Timeline" section to change the status of the DT_RANKING message to PARTIAL (instead of INTERMEDIATE).</p> <p>-(de.#149529): Updated the "Message Timeline" section to include the DT_RESULT message after each unit, as appropriate.</p> <p>(CR15328 - Changes after Homologation Test):<br/>(Ref HT issue #150326 HT: ALP: ODF Doc: Proposal for ResultStatus change for Runs in ALP Team Event):</p> <p>-DT_RESULT - Triggering: Additional trigger added for the Run message inside a Heat (having as DocumentCode the individual Run). The Message is sent after the end of each Run within a Heat in Team Event (DocumentCode is the individual Run RSC and ResultStatus is UNOFFICIAL). Removed UNCONFIRMED status.</p> <p>(Ref HT issue #150272 and #150285 HT: ALP: OVR: Core: When DNS in the start list the start order has no value):</p> <p>-DT_RESULT: Clarification added in the StartOrder and StartSortOrder description (at Result element).</p> <p>(Ref HT issue #150256 HT: ALP: OVR: ODF: DNF without ranks and time difference):</p> <p>-DT_RESULT: Clarification added in the description text about intermediate Time and Rank in case of a competitor receiving an overall IRM later in the race. Clarification added in Result/ExtendedResults/ExtendedResult (Type=PROGRESS, Code=INTERMEDIATE).</p> <p>(Ref HT issue #150260 HT: ALP: ODF doc: DT_RESULTS: Clarification on Diff in ExtendedResults):</p> <p>-DT_RESULT / DT_CURRENT: Diff value for Race Leader is 0.00. Text added at Diff attribute description in Result/ExtendedResults/ExtendedResult (Type=PROGRESS, Code=INTERMEDIATE).</p> <p>(Ref HT issue #150319 HT: ALP: ODF Doc: Proposing consistency across sports in Section times):</p> <p>-DT_RESULT: Section times and diffs must be sent starting from Start to first Intermediate interval. Updated the description of Pos in ExtendedResult (Type=PROGRESS, Code=SECTION) to include in the example the explanation of first interval section (Pos=1) from Start to first Intermediate. Updated sample in accordance.</p> <p>(Ref HT issue #150223 HT: ALP: ODF: DIFF. in Current and Results doesn't have + sign in the ExtendedResults node):</p> <p>-DT_RESULT / DT_CURRENT / DT_CUMULATIVE_RESULT: "+" sign added at Diff attribute in Result/ExtendedResults/ExtendedResult (Type=PROGRESS, Code=INTERMEDIATE). Updated samples.</p> <p>-DT_BRACKET: "+" sign added at DIFF code value in Bracket /BracketItems /BracketItem /CompetitorPlace /Competitor /Composition /Athlete /ExtBracketAths /ExtBracketAth (Type=EBA, Code=DIFF). Updated sample.</p> <p>-DT_RANKING: "+" sign added at DIFF code value in Result /ExtendedResults /ExtendedResult (Type=ER, Code=DIFF). Updated sample.</p> |





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|      |     | <p>(Ref HT issue #150229 HT: ALP: ODF: ORIS: Add currentLeaderParticipant to the ExtendedInfos of DT_CURRENT):<br/>-DT_CURRENT: Race leader ID added in ExtendedInfos /ExtendedInfo (Type=UI, Code=LEADER). Updated sample.</p> <p>(Ref HT issue #150269 and #150282 HT: ALP: ODF: Incorrect Result values in Result node in DT_CURRENT in Run 2):<br/>-DT_CURRENT: Result/@Rank and Result/@Result is the cumulative Rank and Time in the case of 2 Runs Event. Description changed to reflect that.</p> <p>(Ref HT issue #150267 HT: ALP: ODF: DT_CUMULATIVE_RESULT: Clarification in ODF documentation on ResultStatus INTERMEDIATE):<br/>-DT_CUMULATIVE_RESULT - Triggering: Trigger added "When the first unit is finished (INTERMEDIATE)".</p> <p>(Ref HT issue #150221 HT: ALP: ODS: INFO: RES01: Missing first speed for the 1st intermediate for ladies DH and AC training):<br/>-DT_CONFIG - Description: Explanatory text about Intermediate points and Speed measurement points (Speed traps) and sample message updated.</p>  |
| v2.4 | APP | <p>(CR15534 - Changes after UVT):<br/>-Chapter 2.1 - Message Types (Document improvement): Updated to remove the following reference "[if added to the program]" regarding Team Event.</p> <p>(Ref UVT CIS issue #5: Start Lead diff in 2 Run events):<br/>-DT_CURRENT: Updated the "Description" section of the message to mention that the content of the message is for current and next athletes.<br/>Clarification added in Result/ExtendedResult /ExtendedResult (Type=PROGRESS, Code=INTERMEDIATE) for:<br/>@Pos: In 2-Run events, "S" is the point before the competitor starts 2nd Run.<br/>@Diff: In 2-Run events, when Pos="S" for the 2nd Run, then Diff is the 1st Run time difference between the current competitor and the overall leader time.<br/>Updated the Result element, including the ExtendedResult child element, to mention that are expected for the current and next athletes (as indicated in ExtendedInfos, Type=DISPLAY, Code=CURRENT or NEXT).</p> <p>-DT_CUMULATIVE_RESULT: In ExtendedResult (Type=PROGRESS, Code=INTERMEDIATE) added that "S" value is expected in @Pos for the athletes who haven't started the 2nd Run yet in 2-Run events.<br/>Updated the @Diff attribute at ExtendedResult (Type=PROGRESS, Code=INTERMEDIATE) to say that for athletes who haven't started yet, the Diff value is the time diff (Start Lead) with the Overall leader. The "-" sign added in the Value data format. Negative times are expected when the athlete is ahead of the overall leader.</p> <p>-(Not needed trigger removed):<br/>DT_RESULT - Triggering: Removed the trigger for INTERMEDIATE ResultStatus (in Individual events) while the competition is running, as not applicable.</p> <p>-(Ref HT issue # 150285: StartOrder for DNS athletes before start of Run 2):<br/>DT_RESULT: Updated the @StartOrder attribute (at Result element) to do not send in the case</p> |



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|      |     | of DNS. And also, the @StartSortOrder attribute accordingly.  |
| v2.5 | APP | (CR15840 - Changes after UAT):<br>-(Ref CIS UAT issue #155219: Ranks at intermediate points to include athletes with IRM overall):<br>DT_CURRENT: Definition aligned to the same data attribute at DT_RESULT. Athletes with overall result as IRM.<br>Result /ExtendedResults /ExtendedResult (Type=PROGRESS, Code=INTERMEDIATE).<br>Rank attribute updated to say: Send the rank in the unit of the competitor at the intermediate point. Do not consider IRMs at the particular intermediate point. If the competitor has a valid Rank at the intermediate point then it must be sent despite the fact that the competitor receives an overall IRM later in the race. |