



INTERNATIONAL OLYMPIC COMMITTEE

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Olympic Data Feed



ODF Cycling Road Data Dictionary
Rio 2016 – Games of the XXXI Olympiad
Technology and Information Department
© International Olympic Committee

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Table of Contents

| | |
|---|----|
| 1 Introduction..... | 5 |
| 1.1 This document..... | 5 |
| 1.2 Objective..... | 5 |
| 1.3 Main Audience..... | 5 |
| 1.4 Glossary..... | 5 |
| 1.5 Related Documents..... | 5 |
| 2 Messages..... | 7 |
| 2.1 Applicable Messages..... | 7 |
| 2.2 Messages..... | 9 |
| 2.2.1 List of participants by discipline / List of participants by discipline update..... | 9 |
| 2.2.1.1 Description..... | 9 |
| 2.2.1.2 Header Values..... | 9 |
| 2.2.1.3 Trigger and Frequency..... | 10 |
| 2.2.1.4 Message Structure..... | 11 |
| 2.2.1.5 Message Values..... | 12 |
| 2.2.1.6 Message Sort..... | 16 |
| 2.2.2 Event Unit Start List and Results..... | 17 |
| 2.2.2.1 Description..... | 17 |
| 2.2.2.2 Header Values..... | 17 |
| 2.2.2.3 Trigger and Frequency..... | 18 |
| 2.2.2.4 Message Structure..... | 19 |
| 2.2.2.5 Message Values..... | 21 |
| 2.2.2.6 Message Sort..... | 33 |
| 2.2.3 Play by Play..... | 34 |
| 2.2.3.1 Description..... | 34 |
| 2.2.3.2 Header Values..... | 34 |
| 2.2.3.3 Trigger and Frequency..... | 35 |
| 2.2.3.4 Message Structure..... | 35 |
| 2.2.3.5 Message Values..... | 36 |
| 2.2.3.6 Message Sort..... | 39 |
| 2.2.4 Image..... | 40 |
| 2.2.4.1 Description..... | 40 |
| 2.2.4.2 Header Values..... | 40 |
| 2.2.4.3 Trigger and Frequency..... | 41 |
| 2.2.4.4 Message Structure..... | 41 |
| 2.2.4.5 Message Values..... | 42 |
| 2.2.4.6 Message Sort..... | 42 |



| | |
|--|-----------|
| 2.2.5 Configuration..... | <u>43</u> |
| 2.2.5.1 Description..... | <u>43</u> |
| 2.2.5.2 Header Values..... | <u>43</u> |
| 2.2.5.3 Trigger and Frequency..... | <u>44</u> |
| 2.2.5.4 Message Structure..... | <u>44</u> |
| 2.2.5.5 Message Values..... | <u>45</u> |
| 2.2.5.6 Message Sort..... | <u>48</u> |
| 2.2.6 Event Unit Weather conditions..... | <u>49</u> |
| 2.2.6.1 Description..... | <u>49</u> |
| 2.2.6.2 Header Values..... | <u>49</u> |
| 2.2.6.3 Trigger and Frequency..... | <u>50</u> |
| 2.2.6.4 Message Structure..... | <u>50</u> |
| 2.2.6.5 Message Values..... | <u>50</u> |
| 2.2.6.6 Message Sort..... | <u>51</u> |
| 3 Document Control..... | <u>52</u> |



1 Introduction

1.1 This document

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

1.2 Objective

The objective of this document is to provide a complete and formal definition of the ODF Cycling Road Data Dictionary, with the intention that the information message producer and the message consumer can successfully interchange the information as the Cycling Road 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/INT183 | ODF General Principles Document | The document explains the environment and general principles for ODF. |
| ODF/INT184 | ODF General Messages Interface Document | The document describes the ODF General Messages |
| ODF/COD186 | ODF Common Codes | The document describes the ODF Common codes |



| Document Reference | Document Title | Document Description |
|---------------------------|-----------------------|---|
| | | used across all ODF documents. |
| ODF/COD187 | ODF Sport Codes | The document describes the ODF Sport codes used across all ODF documents |
| ODF/COD192 | ODF Header Values | The document details the header values which shows which RSCs are used in which messages. |



2 Messages

2.1 Applicable Messages

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

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

| Message Type | Message Name | Message extended |
|-----------------------------------|--|-------------------|
| DT_SCHEDULE DT_SCHEDULE_UPDATE | / Competition schedule / Competition schedule update | |
| DT_PARTIC DT_PARTIC_UPDATE | / List of participants by discipline / List of participants by discipline update | X |
| DT_MEDALS | Medal standings | |
| DT_MEDALLISTS_DAY | Medallists of the day | |
| DT_GLOBAL_GM | Global good morning | |
| DT_GLOBAL_GN | Global good night | |
| DT_RESULT | Event Unit Start List and Results | X |
| DT_PLAY_BY_PLAY | Play by Play | X |
| DT_IMAGE | Image | X |
| DT_PRESSPHOTOFINISH_LK | Press Photofinish | |
| DT_RANKING | Event Final Ranking | |
| DT_COMMUNICATION | Official Communication | |
| DT_CONFIG | Configuration | X |
| DT_WEATHER | Event Unit Weather conditions | X |
| DT_MEDALLISTS | Event's Medallists | |



| | | |
|--------------------------|-------------------------------------|--|
| DT_MEDALLISTS_DISCIPLINE | Medallists by discipline | |
| DT_LOCAL_OFF | Discipline/venue stop transmission | |
| DT_LOCAL_ON | Discipline/venue start transmission | |
| DT_KA | Keep Alive | |



2.2 Messages

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

2.2.1.1 Description

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

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

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

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

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

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

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

2.2.1.2 Header Values

The following table describes the message header attributes.



| Attribute | Value | Comment |
|-----------------|---------------------------------|---|
| CompetitionCode | CC @Competition | Unique ID for competition |
| DocumentCode | DD0000000 | DD is defined according to CC @Discipline |
| DocumentType | DT_PARTIC DT_PARTIC_UPDATE | List of participants by discipline message |
| Version | 1..V | Version number associated to the message's content. Ascendant number |
| FeedFlag | "P"-Production "T"-Test | Test message or production message. |
| Date | Date | Date when the message is generated, expressed in the local time zone where the message was produced. |
| Time | Time | Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced. |
| LogicalDate | Date | <p>Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight.</p> <p>If an event unit continues after midnight (24:00), all messages produced will be considered as happening at the logical date on which the event unit began (e.g. for a session which began at 21:00 on Aug 2 and ended at 1:20 on Aug 3, the message will all be dated Aug 2).</p> <p>The end of the logical day is defined by default at 03:00 a.m.</p> <p>For messages corrections, like invalidating medals or Records, it will be the LogicalDate of the day of the correction.</p> <p>Logical Date is expressed in the local time zone where the message was produced.</p> |
| Source | SC @Source | Code indicating the system which generated the message. |
| Serial | Numeric | <p>Sequence number (positive integer) for ODF messages.</p> <p>Serial starts with 1 each day for each Source.</p> |

2.2.1.3 Trigger and Frequency

The DT_PARTIC 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_UPDATE messages are sent.

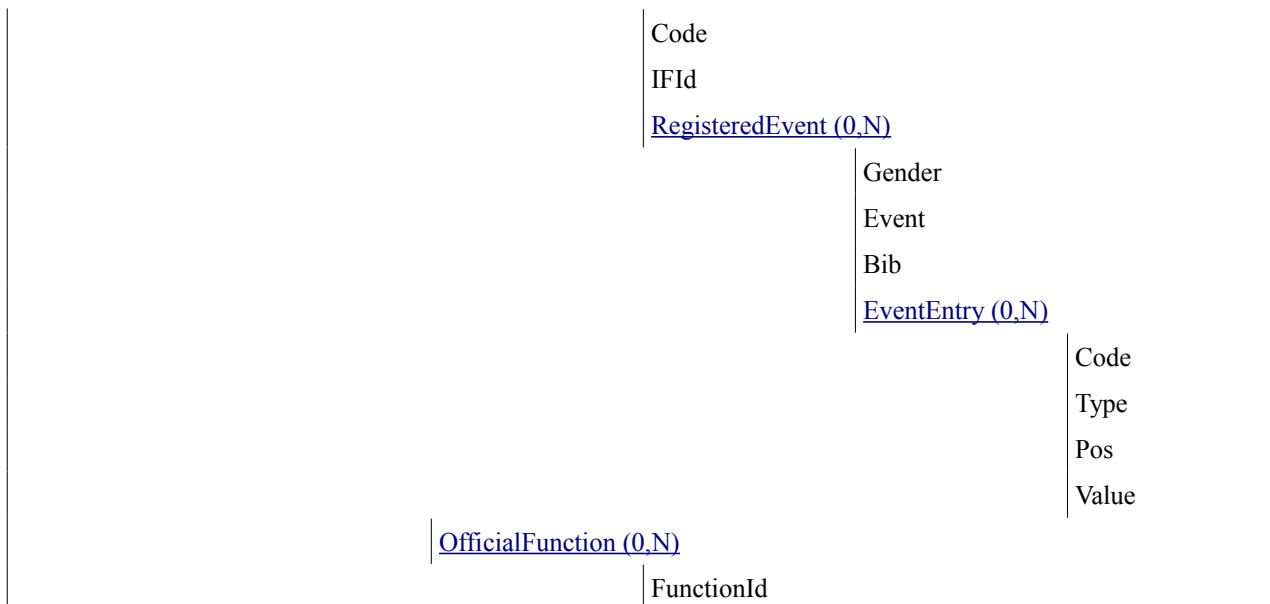


The DT_PARTIC_UPDATE message is triggered when there is a modification in the data for any individual after the transfer of control to OVR.

2.2.1.4 Message Structure

The following table defines the structure of the message.

| Level 1 | Level 2 | Level 3 | Level 4 | Level 5 | Level 6 |
|-----------------------------------|-----------------------------------|----------------------------------|---------|---------|---------|
| Competition (1,1) | | | | | |
| | Code | | | | |
| | Participant (1,N) | | | | |
| | | Code | | | |
| | | Parent | | | |
| | | Status | | | |
| | | GivenName | | | |
| | | FamilyName | | | |
| | | PrintName | | | |
| | | PrintInitialName | | | |
| | | TVName | | | |
| | | TVInitialName | | | |
| | | Gender | | | |
| | | Organisation | | | |
| | | BirthDate | | | |
| | | Height | | | |
| | | Weight | | | |
| | | PlaceofBirth | | | |
| | | CountryofBirth | | | |
| | | PlaceofResidence | | | |
| | | CountryofResidence | | | |
| | | Nationality | | | |
| | | MainFunctionId | | | |
| | | Current | | | |
| | | OlympicSolidarity | | | |
| | | ModificationIndicator | | | |
| | | Discipline (1,1) | | | |



2.2.1.5 Message Values

| Element: Competition (1,1) | | | |
|----------------------------|-----|------------------------|--|
| Attribute | M/O | Value | Description |
| Code | M | <u>CC @Competition</u> | Unique ID for competition Code is deprecated and value is duplicated in the header. |

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



| | | | |
|------------------|---|----------------------------------|---|
| | | | 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. |
| Parent | M | S(20) with no leading zeroes | 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. The participant containing @Code attribute being the same as the @Parent attribute will be the one with the latest information for the participant. The @Parent attribute will only be different from @Code in the case that critical personal information has changed from previous competitions. The typical examples are Organisation (for change of country) or Name (particularly for women changing their name at marriage). Further to be clear, @Parent and @Code can only be different if Current = "false". |
| Status | O | CC @ParticStatus | Participant's accreditation status this attribute is Mandatory in the case of @Current="true" and it is optional in the case that @Current="false". 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 |
| Gender | M | CC @PersonGender | Participant's gender |
| Organisation | M | CC @Organisation | Organisation ID |
| BirthDate | O | YYYY-MM-DD | Date of birth. This information may not be known at the very beginning, but it will be completed for all participants after successive updates |
| Height | O | S(3) | Height in centimetres. It will be included if this information is available. This information is not needed in the case of officials/referees. "- " may be used where the data is not available. |



| | | | |
|-----------------------|---|-------------------------------------|---|
| Weight | O | S(3) | Weight in kilograms. It will be included if this information is available. This information is not needed in the case of officials/referees. "-" may be used where the data is not available. |
| PlaceofBirth | O | S(75) | Place of Birth |
| CountryofBirth | O | CC @Country | Country ID of Birth |
| PlaceofResidence | O | S(75) | Place of Residence |
| CountryofResidence | O | CC @Country | Country ID of Residence |
| Nationality | O | CC @Country | Participant's nationality. Although this attribute is optional, in very exceptional situations it will not be known, and for this reason not ready to be sent. |
| MainFunctionId | O | CC @ResultsFunction | Main function In the Case of Current="true" this attribute is Mandatory. |
| Current | M | boolean | It defines if a participant is participating in the games (true) or is a Historical participant (false). |
| OlympicSolidarity | O | Y or N | Flag to indicating if the participant participates in the Olympic Scholarship program. |
| ModificationIndicator | M | S(1) | 'N' or 'U' Attribute is mandatory in the DT_PARTIC_UPDATE message only N-New participant (in the case that this information comes as a late entry) U-Update participant If ModificationIndicator='N', then include new participant to the previous bulk-loaded list of participants If ModificationIndicator='U', then update the participant to the previous bulk-loaded list of participants To delete a participant, a specific value of the Status attribute is used. |

Element: Participant /Discipline (1,1)

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



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

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

| Attribute | M/O | Value | Description |
|-----------|-----|--------------------------------------|---|
| Gender | M | CC @DisciplineGender | Discipline Gender Code |
| Event | M | CC @Event | Event ID |
| Bib | O | S(3) | Bib number. Although this attribute is optional, it will be updated and informed as soon as this information is known. Example: 8, 10 ... |

Element: Participant /Discipline /RegisteredEvent /EventEntry (0,N)
 Send if there are specific athlete's event entries.

| Type | Code | Pos | Description |
|------------------|------------|--------------|--|
| ENTRY | UCIRIDERID | N/A | Description of @Pos: N/A Element's Expected: As soon as the venue results has this information (this information can be sent in both messages) |
| Attribute | M/O | Value | Description |
| Value | M | S(16) | Send the UCI unique rider ID. |

Element: Participant /OfficialFunction (0,N)
 Send if the official has optional functions. Do not send, otherwise.

| Attribute | M/O | Value | Description |
|------------|-----|-------------------------------------|-------------------------------------|
| FunctionId | M | CC @ResultsFunction | Additional officials' function code |



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ODF/INT154- R-SOG-2016-v1.7 APP (CR)

2.2.1.6 Message Sort

The message is sorted by Participant @Code



2.2.2 Event Unit Start List and Results

2.2.2.1 Description

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

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

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

2.2.2.2 Header Values

The following table describes the message header attributes.

| Attribute | Value | Comment |
|-----------------|----------------------------------|---|
| CompetitionCode | CC @Competition | Unique ID for competition |
| DocumentCode | DDGEEPUU | DD according to CC @Discipline G according to CC @DisciplineGender EEE according to CC @Event P according to CC @Phase UU according to CC @Unit |
| DocumentType | DT_RESULT | Event Unit Start List and Results message |
| DocumentSubtype | Not used in CR. | Not used in CR. |
| Version | 1..V | Version number associated to the message's content. Ascendant number |
| ResultStatus | SC @ResultStatus | It indicates whether the result is official or unofficial (or intermediate etc). START_LIST OFFICIAL UNOFFICIAL INTERMEDIATE (used after the competition has started and is not finished but not currently live) LIVE (used during the competition when nothing else applies). |
| FeedFlag | "P"-Production "T"-Test | Test message or production message. |
| Date | Date | Date when the message is generated, expressed in the local time zone where the message was produced. |
| Time | Time | Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced. |



| | | |
|--------------|----------------------------|--|
| LogicalDate | Date | <p>Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight.</p> <p>If an event unit continues after midnight (24:00), all messages produced will be considered as happening at the logical date on which the event unit began (e.g. for a session which began at 21:00 on Aug 2 and ended at 1:20 on Aug 3, the message will all be dated Aug 2).</p> <p>The end of the logical day is defined by default at 03:00 a.m.</p> <p>For messages corrections, like invalidating medals or Records, it will be the LogicalDate of the day of the correction.</p> <p>Logical Date is expressed in the local time zone where the message was produced.</p> |
| Source | SC @Source | Code indicating the system which generated the message. |
| StartListMod | S(1) | <p>Send Y if the start list has been changed with this message and the ResultStatus is not START_LIST. Do not send the attribute if it is not Y. Only send once for each start list change. In this case the full current message is sent with whatever is the current ResultStatus.</p> <p>The Start List is considered to be changed if any of the following changes:</p> <ul style="list-style-type: none"> * Competitors or athletes are added, changed or removed including in <ExtendedInfos /Competitor> * Any change in <Officials> * Any change in StartOrder or StartSortOrder * Any changes in <Coaches> * Any changes in <EventUnitEntry> <p>Changing descriptions is not considered a start list change.</p> |
| Serial | Numeric | <p>Sequence number (positive integer) for ODF messages.</p> <p>Serial starts with 1 each day for each Source.</p> |

2.2.2.3 Trigger and Frequency

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

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

This message is then sent with ResultStatus 'LIVE' as soon as the unit starts and continues to be triggered on all updates.



* When the competition starts and all changes/additions in data (LIVE)

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

* When the last competitor finish (UNOFFICIAL)

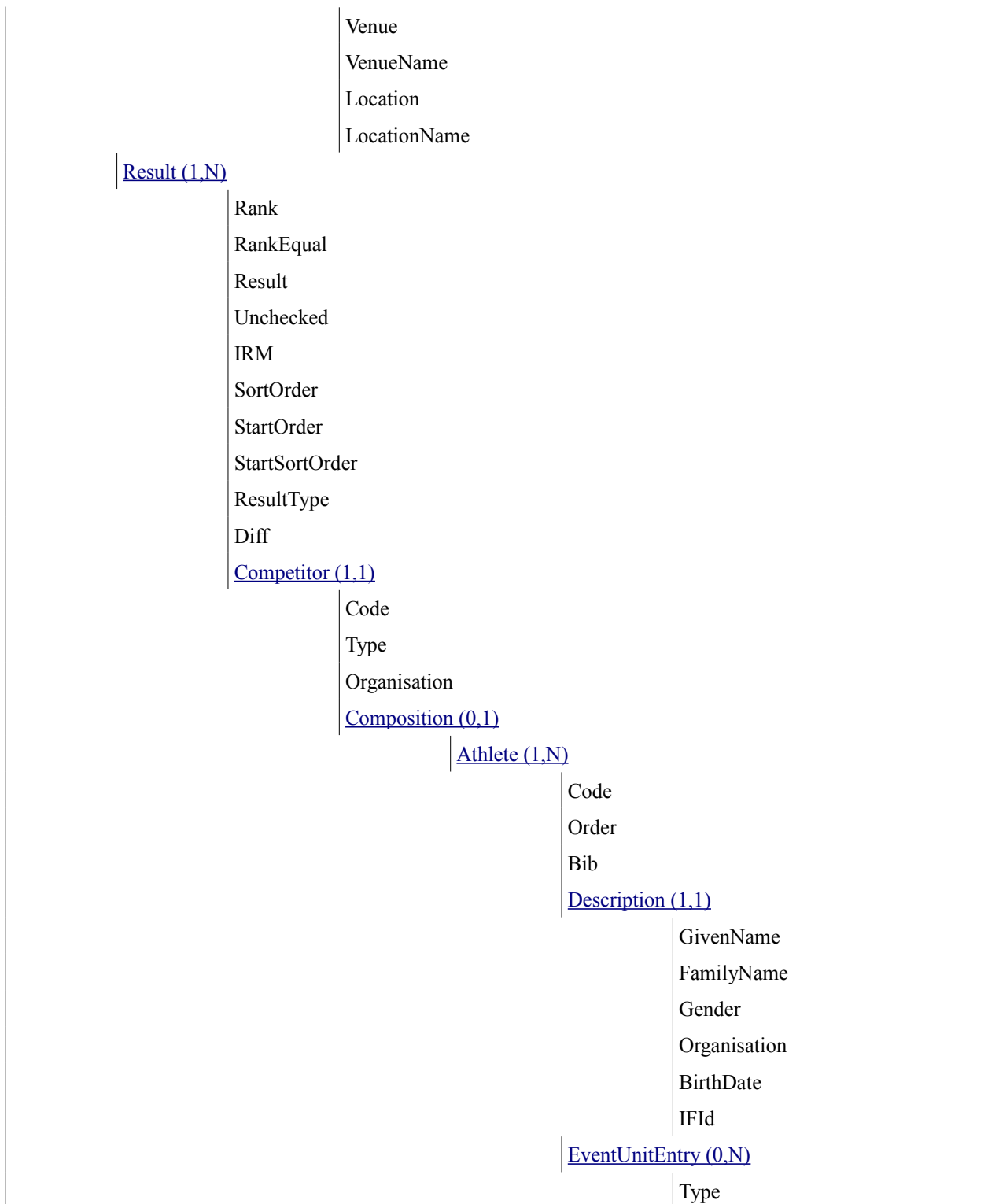
* After the results are approved (OFFICIAL)

Trigger also after any change.

2.2.2.4 Message Structure

The following table defines the structure of the message.

| Level 1 | Level 2 | Level 3 | Level 4 | Level 5 | Level 6 | Level 7 | Level 8 | Level 9 |
|--------------------------|----------------------------|-------------------------------|------------------------|---------|---------|---------|---------|---------|
| <u>Competition (1,1)</u> | | | | | | | | |
| | Code | | | | | | | |
| | <u>ExtendedInfos (0,1)</u> | | | | | | | |
| | | <u>UnitDateTime (0,1)</u> | | | | | | |
| | | | StartDate | | | | | |
| | | <u>ExtendedInfo (0,N)</u> | | | | | | |
| | | | Type | | | | | |
| | | | Code | | | | | |
| | | | Pos | | | | | |
| | | | Value | | | | | |
| | | | <u>Extension (0,N)</u> | | | | | |
| | | | | Code | | | | |
| | | | | Pos | | | | |
| | | | | Value | | | | |
| | | <u>SportDescription (0,1)</u> | | | | | | |
| | | | DisciplineName | | | | | |
| | | | EventName | | | | | |
| | | | Gender | | | | | |
| | | | SubEventName | | | | | |
| | | <u>VenueDescription (0,1)</u> | | | | | | |





| | |
|--|------------------------------|
| | Code |
| | Pos |
| | Value |
| | <u>ExtendedResults (0,1)</u> |
| | <u>ExtendedResult (1,N)</u> |
| | Type |
| | Code |
| | Pos |
| | Value |
| | ValueType |
| | Rank |
| | RankEqual |
| | SortOrder |
| | Diff |
| | Speed |
| | <u>Extension (0,N)</u> |
| | Code |
| | Pos |
| | Value |

2.2.2.5 Message Values

| Element: Competition (1,1) | | | |
|----------------------------|-----|---------------------------------|--|
| Attribute | M/O | Value | Description |
| Code | M | CC @Competition | Unique ID for competition Code is deprecated and value is duplicated in the header. |

| Element: ExtendedInfos /UnitDateTime (0,1) | | | |
|--|-----|----------|---|
| Scheduled start date and time. (where available update with actual start time) | | | |
| Actual start -and/or end- dates and times. | | | |
| Attribute | M/O | Value | Description |
| StartDate | O | DateTime | Actual start date and time. For multiday units, the start time is on the first day. |



| Element: ExtendedInfos /ExtendedInfo (0,N) | | | | |
|---|------------------|-------------|--------------|---|
| Type | | Code | Pos | Description |
| DISPLAY | | LAST_COMP | Numeric 0 | Description of @Pos: Sent INTERMEDIATE @Pos in ExtendedInfos for the last intermediate passed by the most recent athlete to pass any intermediate point. Element's Expected: When available and only when the unit is LIVE. In the Time Trial send for every split. |
| | Attribute | M/O | Value | Description |
| | Value | M | S(20) | Send the competitor ID of the last competitor to pass the intermediate point @Pos |
| UI | | AFTER_DIST | N/A | Description of @Pos: N/A Element's Expected: When available Only for Road Race |
| | Attribute | M/O | Value | Description |
| | Value | M | String | The race distance completed so far Example: 56km Only for Road Race |
| UI | | AFTER_N | N/A | Description of @Pos: N/A Element's Expected: When available |
| | Attribute | M/O | Value | Description |
| | Value | M | String | Athletes passed point x riders have completed y distance (z Km) |
| UI | | ENTRIES | N/A | Description of @Pos: N/A Element's Expected: When available |
| | Attribute | M/O | Value | Description |
| | Value | M | Numeric | Send the number of entries. |



| | | | | |
|-----------|------------------|---------------------|---------------|--|
| UI | | FINISHED | N/A | Description of @Pos: N/A Element's Expected: When available |
| | Attribute | M/O | Value | Description |
| | Value | M | Numeric | Send number of riders who have finished the race. |
| UI | | NOCS | N/A | Description of @Pos: N/A Element's Expected: When available |
| | Attribute | M/O | Value | Description |
| | Value | M | Numeric | Send the number of NOCs |
| UI | | y Where y=CC@IRM | N/A | Description of @Pos: N/A Element's Expected: When available |
| | Attribute | M/O | Value | Description |
| | Value | M | Numeric | Send number of riders who have IRM. |
| UI_LEADER | | CURRENT | Numeric #0 | Description of @Pos: Send the intermediate point where the current leader has most recently passed (Mass start) Element's Expected: When available |
| | Attribute | M/O | Value | Description |
| | Value | M | Numeric #0 | Send the Current Leader ID at the intermediate point |
| UI_LEADER | | INTERMEDIATE | Numeric #0 | Description of @Pos: The number that identifies the intermediate result point, from 1 to the total number (n) of intermediate result points. Where n is when finish the race. According to the @pos of the INTERMEDIATE code Element's Expected: Road race: when it is available |



| Attribute | M/O | Value | Description |
|--|--------------------|--|---|
| Value | O | h:mm:ss | Time up to that point of athlete who is leader at the intermediate point. Without leading zeros |
| Sub Element: ExtendedInfos /ExtendedInfo /Extension Expected: Road race: when it is available | | | |
| Attribute | Value | Description | |
| Code | LAP_SPEED_AVG | | |
| Pos | N/A | N/A | |
| Value | Numeric ##0.000 | Average Speed of rider leader at last lap. km/h | |
| Sub Element: ExtendedInfos /ExtendedInfo /Extension Expected: Road race: when it is available | | | |
| Attribute | Value | Description | |
| Code | SPEED_AVG | | |
| Pos | N/A | N/A | |
| Value | Numeric ##0.000 | Average Speed, from the start, for athlete leader at each point. | |
| UI_LEADER | SECTION | Numeric #0 | Description of @Pos: The number that identifies the section, from 1 to the total number of sections. It is section between each intermediate point. Element's Expected: Road race: when it is available |
| Attribute | M/O | Value | Description |
| Value | O | h:mm:ss | Time for that section |
| Sub Element: ExtendedInfos /ExtendedInfo /Extension Expected: Road race: when it is available | | | |
| Attribute | Value | Description | |
| Code | SPEED_AVG | | |
| Pos | N/A | N/A | |



| | | | |
|--|-------|-------------------|--------------------------------------|
| | Value | Numeric ##0.00 | Leader Average Speed in that section |
|--|-------|-------------------|--------------------------------------|

Sample (Sample)

```

....
<ExtendedInfos>
  <UnitDateTime StartDate="2012-07-29T12:00:00+01:00" />
  <ExtendedInfo Type="UI" Code="AFTER_DIST" Value="FINISH" />
  <ExtendedInfo Type="UI" Code="AFTER_N" Value="40 of 67" />
  <ExtendedInfo Type="UI" Code="FINISHED" Value="40" />
  <ExtendedInfo Type="UI" Code="DNF" Value="7" />
  <ExtendedInfo Type="UI" Code="OTL" Value="19" />
  <ExtendedInfo Type="UI" Code="ENTRIES" Value="67" />
  <ExtendedInfo Type="UI" Code="NOCS" Value="37" />
  <ExtendedInfo Type="UI_LEADER" Code="CURRENT" Pos="13" Value="1106825" >
  <ExtendedInfo Type="UI_LEADER" Code="INTERMEDIATE" Pos="1" Value="0:55">
    <Extension Code="SPEED_AVG" Value="28.800" />
  </ExtendedInfo>
....
  <ExtendedInfo Type="UI_LEADER" Code="INTERMEDIATE" Pos="13" Value="1:30:52">
    <Extension Code="SPEED_AVG" Value="19.320" />
    <Extension Code="LAP_SPEED_AVG" Value="19.131" />
  </ExtendedInfo>
  <ExtendedInfo Type="UI_LEADER" Code="SECTION" Pos="3" Value="14:46">
    <Extension Code="SPEED_AVG" Value="19.178" />
  </ExtendedInfo>
....
  <ExtendedInfo Type="UI_LEADER" Code="SECTION" Pos="13" Value="15:05">
    <Extension Code="SPEED_AVG" Value="19.173" />
  </ExtendedInfo>
</ExtendedInfos>
....

```

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



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

| Element: Result (1,N) | | | |
|--|------------|--|--|
| For each Event Unit Results message, there must be at least one competitor with a result element in the event unit. | | | |
| Attribute | M/O | Value | Description |
| Rank | O | Text | Rank of the competitor in the corresponding event unit. |
| RankEqual | O | Y | Identifies if a rank has been equalled. Only send if applicable |
| Result | O | Road Race: h:mm:ss Time trial: h:mm:ss.ff | The result of the competitor in the event unit |
| Unchecked | O | S(1) | Send 'Y' if time is a transponder time or similar and needs to be validated by reading photo. Do not send if not 'Y'. |
| IRM | O | SC @IRM | The invalid rank mark, in case it is assigned. Send just in the case @ResultType is IRM |
| SortOrder | M | Numeric | Used to sort all the results of an event unit This attribute is a sequential number with the order of the results for the particular event unit. Before the race start content is the same than StartSortOrder. After the first split data arrives, Results are sorted by split rank. For those athletes without rank (first split) then the sort is the same as before the race, but following athletes with split rank. At the end Results are sorted by Rank. The rank sort is, all those athletes at the forward most split are ranked 1 - x, adding those athletes that have not arrived to this split, which are sorted according position in previous split etc. back through each split (or start order). Resort as each new data item arrives. Athletes who are disqualified or are notified as "did not |



| | | | |
|----------------|---|--------------------------------|--|
| | | | finish" during the race must be dropped to the bottom with no rank. DSQ and DNF will be grouped separately in the order defined by the international federation. |
| StartOrder | O | Numeric | Competitor's start order. The group number. This value will be display only for Individual time trial. |
| StartSortOrder | M | Numeric | Order in the Start_list Used to sort all start list competitors in an event unit. |
| ResultType | O | SC @ResultType | Type of the @Result attribute. |
| Diff | O | String | Time behind at finish only (Values for Leaders: +0 Road Race, +0.00 Time Trial) |

Element: Result /Competitor (1,1)

Competitor related to the result of one event unit.

| Attribute | M/O | Value | Description |
|--------------|-----|---|--|
| Code | M | S(20) with no leading zeroes or TBD or NOCOMP | Competitor's ID or TBD in case that the competitor is unknown at this time but will be available NOCOMP is sent when there is no competitor (and will not come later) |
| Type | M | A | A for athlete |
| Organisation | O | CC @Organisation | Competitor's organisation |

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

| Attribute | M/O | Value | Description |
|-----------|-----|------------------------------|---|
| Code | M | S(20) with no leading zeroes | Athlete's ID. Can belong to a team member or an individual athlete. |
| Order | M | Numeric | 1 if Competitor @Type="A". |
| Bib | O | S(3) | The athlete's race number |

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

Athletes extended information.

| Attribute | M/O | Value | Description |
|--------------|-----|----------------------------------|---|
| GivenName | O | S(25) | Given name in WNPA format (mixed case) |
| FamilyName | M | S(25) | Family name in WNPA format (mixed case) |
| Gender | M | CC @PersonGender | Gender of the athlete |
| Organisation | M | CC @Organisation | Athletes' organisation |



| | | | |
|-----------|---|-------|---|
| BirthDate | O | Date | Birth date (example: YYYY-MM-DD). Must include if the data is available |
| IFId | O | S(16) | International Federation ID |

| Element: Result /Competitor /Composition /Athlete /EventUnitEntry (0,N) | | | | |
|--|------------|-----|--|--|
| Individual athletes entry information. | | | | |
| Type | Code | Pos | Description | |
| EUE | START_TIME | N/A | Description of @Pos: N/A Element's Expected: Always, for Time Trial event units | |
| | Attribute | M/O | Value | Description |
| | Value | M | hh:mm:ss | Send the Start time for the competitor. Do not remove leading zeros. |

| Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult (1,N) | | | | |
|---|-----------|-----|--|--|
| Team member or individual athlete's extended result. | | | | |
| Type | Code | Pos | Description | |
| ER | CURRENT | N/A | Description of @Pos: N/A Element's Expected: Always | |
| | Attribute | M/O | Value | Description |
| | Value | M | Numeric #0 | Intermediate point was the athlete has most recently passed If the competitor has an IRM: 1. In case the DNS or the athlete has an IRM before he crosses the first intermediate point: send 0. 2. In other cases, send the Intermediate point that he has crossed most recently. (Starting by 1. Start point (0) not considered if athlete don't gets an IRM) |
| ER | PHOTO | N/A | Description of @Pos: N/A Element's Expected: Road Race: At the end of the race. Only send for competitor who needs | |



| | | | | that otherwise DO NOT send. |
|----------|-----------|--------------|---|--|
| | Attribute | M/O | Value | Description |
| | Value | M | S(1) | To know if the competitor's final result was decided by photo. Send P for Pending Status. Otherwise do not send. If PHOTO is sent as pending then those pending competitors will not have rank but will still be sorted in the correct place (as well as is known). For example: Rank = 1,2,,,5,6,7... and SortOrder = 1,2,3,4,5,6,7 |
| ER | | RELEGATED | N/A | Description of @Pos: N/A Element's Expected: Road Race: Only send for competitor who needs that otherwise DO NOT send. |
| | Attribute | M/O | Value | Description |
| | Value | M | S(1) | To know if the competitor's has been relegated. Send Y when competitor be relegated. Otherwise do not send |
| ER | | STATUS | N/A | Description of @Pos: N/A Element's Expected: Time trial: Always |
| | Attribute | M/O | Value | Description |
| | Value | M | SC @CompetitorStatus | Race status for that athlete Only for Time trial |
| PROGRESS | | INTERMEDIATE | Numeric #0 | Description of @Pos: Intermediate number where the information is applicable (1,2..) (Including the Finish point) Element's Expected: Always |
| | Attribute | M/O | Value | Description |
| | Value | O | Road Race: h:mm:ss Time trial: | Time at the intermediate point. The time its cumulative for intermediate points |



| | | | |
|---|--------------|---|--|
| | | h:mm:ss.ff Only for the final results (last intermediate point - Finish) | |
| ValueType | O | SC @ResultType | ValueType should be used to describe the type of data @Value |
| Rank | O | Text | Send the rank of the competitor at the intermediate. Do not send if no value. |
| RankEqual | O | Y | Send 'Y' if rank is equalled, otherwise do not send. |
| SortOrder | M | Numeric | Index based on whole list (with the ones who have not reached the intermediate as well - after the ones who have, but before the IRMs. Sorted by the intermediate passed most recently and by order there (if none, then by start order)). For tied athletes, the rider with the lowest bib number is listed first. |
| Diff | O | Time | Send the time behind the fastest in the corresponding intermediate only for those completed the intermediate. (Format +h:mm:ss or +0 for the Leader in Road Race, or +h:mm:ss.tt or +0.00 for Time Trial). Do not send H if it is zero) |
| Speed | O | Numeric ##0.000 | Send the average speed of the competitor up to the intermediate only where the athlete has passed the intermediate. |
| Sub Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult /Extension Expected: If apply | | | |
| Attribute | Value | Description | |
| Code | INDEX_INT | | |
| Pos | N/A | N/A | |
| Value | Numeric | Index based on the athletes order of arrival to the intermediate point. | |
| | PRETIMING | Numeric | Description of @Pos: |



| PROGRESS | | | #0 | Pre-timing number where the information is applicable (1,2..) Element's Expected: Always (For Time Trial only) |
|---|-----------|--|---|--|
| Attribute | M/O | Value | Description | |
| Value | O | Time trial: h:mm:ss.ff Only for the final results (last intermediate point - Finish) | Time at the Pre-timing point. The time its cumulative for Pre-timing points | |
| ValueType | O | SC @ResultType | ValueType should be used to describe the type of data @Value | |
| Rank | O | Text | Send the rank of the competitor at the Pretiming. Do not send if no value. | |
| RankEqual | O | Y | Send Y where Rank at this specific ExtendResult is equalled else not sent. | |
| SortOrder | M | Numeric | SIndex based on whole list (with the ones who have not reached the pre-timing as well - after the ones who have, but before the IRMs. Sorted by the intermediate/pre-timing passed most recently and by order there (if none, then by start order)). | |
| Diff | O | Time | Send the time behind the fastest in the corresponding pre-timing point only for those completed the pre-timing. (Format +h:mm:ss.ff or +0.00 for Leader). Do not send H if it is zero) | |
| Speed | O | Numeric ##0.000 | Send the average speed of the competitor up to the intermediate only where the athlete has passed the intermediate. | |
| Sub Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult /Extension Expected: If apply | | | | |
| Attribute | Value | Description | | |
| Code | INDEX_PRE | | | |



| | | | | |
|----------|------------------|------------|--|--|
| | Pos | N/A | N/A | |
| | Value | Numeric | Index based on the athletes order of arrival to the intermediate point. | |
| PROGRESS | | SECTION | Numeric #0 | Description of @Pos: Section number for the information. (1,2..) Section is between two intermediates the competitor has data (Time, Rank, diff. Avr. speed) Element's Expected: When it is available |
| | Attribute | M/O | Value | Description |
| | Value | O | Road Race: h:mm:ss Time trial: h:mm:ss.ff Only for the final results (last intermediate point) | Time for the section. Do not send h if it is zero. |
| | ValueType | O | SC @ResultType | ValueType should be used to describe the type of data @Value |
| | Rank | O | Text | Send the rank of the competitor in the section |
| | RankEqual | O | Y | Send 'Y' if rank is equalled, otherwise do not send. |
| | SortOrder | M | Numeric | Index based on whole list (with the ones who have not completed the SECTION as well - after the ones who have finished, but before the IRMs. Sorted by the intermediate passed most recently and by order there (if none, then by start order)). For tied athletes, the rider with the lowest bib number is listed first. |
| | Diff | O | Time | Send the time behind the fastest in the corresponding intermediate only for those completed the intermediate. (Format +h:mm:ss or +0 for the Leader in Road Race, or +h:mm:ss.tt or +0.00 |



| | | | | |
|--|-------|---|--------------------|--|
| | | | | for Time Trial). Do not send H if it is zero) |
| | Speed | O | Numeric ##0.000 | Send the average speed of the competitor in the SECTION. |

Sample (Sample)

```

....
<Result Rank="1" ResultType="TIME" Result="3:35:29" SortOrder="1" StartSortOrder="8" Diff="0.0">
  <Competitor Code="1066204" Type="A" Organisation="SUI" Bib="8">
    <Composition>
      <Athlete Code="1066204" Order="1">
        <Description GivenName="John" FamilyName="Smith" Gender="M"
Organisation="SUI" BirthDate="1994-12-15" />
        <ExtendedResults>
          <ExtendedResult Type="PROGRESS" Code="CURRENT"
Value="13" />
          <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE"
Pos="2" Value="7:39" ValueType="TIME" Rank="16" SortOrder="16" Diff="+0:23" Speed="21.568">
          </ExtendedResult>
          ....
          <ExtendedResult Type="PROGRESS" Code="SECTION" Pos="2"
Value="14:57" ValueType="TIME" Rank="1" SortOrder="1" Diff="0:00" Speed="19.344">
          </ExtendedResult>
          ....
          <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE"
Pos="6" Value="37:26" ValueType="TIME" Rank="3" SortOrder="3" Diff="+0:02" Speed="19.859">
          </ExtendedResult>
          ....
        </Athlete>
      </Composition>
    </Competitor>
  </Result>
....

```

2.2.2.6 Message Sort

Sort by Result @SortOrder



2.2.3 Play by Play

2.2.3.1 Description

The Play by Play is a message containing official raw data from the results provider.

The message contains a generic definition that can be used to provide results data of different nature as well as all of the actions in a unit.

2.2.3.2 Header Values

The following table describes the message header attributes.

| Attribute | Value | Comment |
|-----------------|----------------------------------|--|
| CompetitionCode | CC @Competition | Unique ID for competition |
| DocumentCode | DDGEEPUU | DD according to CC @Discipline G according to CC @DisciplineGender EEE according to CC @Event P according to CC @Phase UU according to CC @Unit |
| DocumentSubcode | Not used for CR. | Not used for CR. |
| DocumentType | DT_PLAY_BY_PLAY | Play by Play message |
| Version | 1..V | Version number associated to the message's content. Ascendant number |
| ResultStatus | SC @ResultStatus | Status of the message. Possible values are: START_LIST (only used if there are actions before the start) LIVE (used during the competition when nothing else applies) INTERMEDIATE UNOFFICIAL OFFICIAL (when results official) |
| FeedFlag | "P"-Production "T"-Test | Test message or production message. |
| Date | Date | Date when the message is generated, expressed in the local time zone where the message was produced. |
| Time | Time | Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced. |
| LogicalDate | Date | Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight. If an event unit continues after midnight (24:00), all messages produced will be considered as happening at the logical date on |



| | | |
|--------|----------------------------|--|
| | | <p>which the event unit began (e.g. for a session which began at 21:00 on Aug 2 and ended at 1:20 on Aug 3, the message will all be dated Aug 2).</p> <p>The end of the logical day is defined by default at 03:00 a.m.</p> <p>For messages corrections, like invalidating medals or Records, it will be the LogicalDate of the day of the correction.</p> <p>Logical Date is expressed in the local time zone where the message was produced.</p> |
| Source | SC @Source | Code indicating the system which generated the message. |
| Serial | Numeric | <p>Sequence number (positive integer) for ODF messages.</p> <p>Serial starts with 1 each day for each Source.</p> |

2.2.3.3 Trigger and Frequency

Messages will be generated with this frequency and status

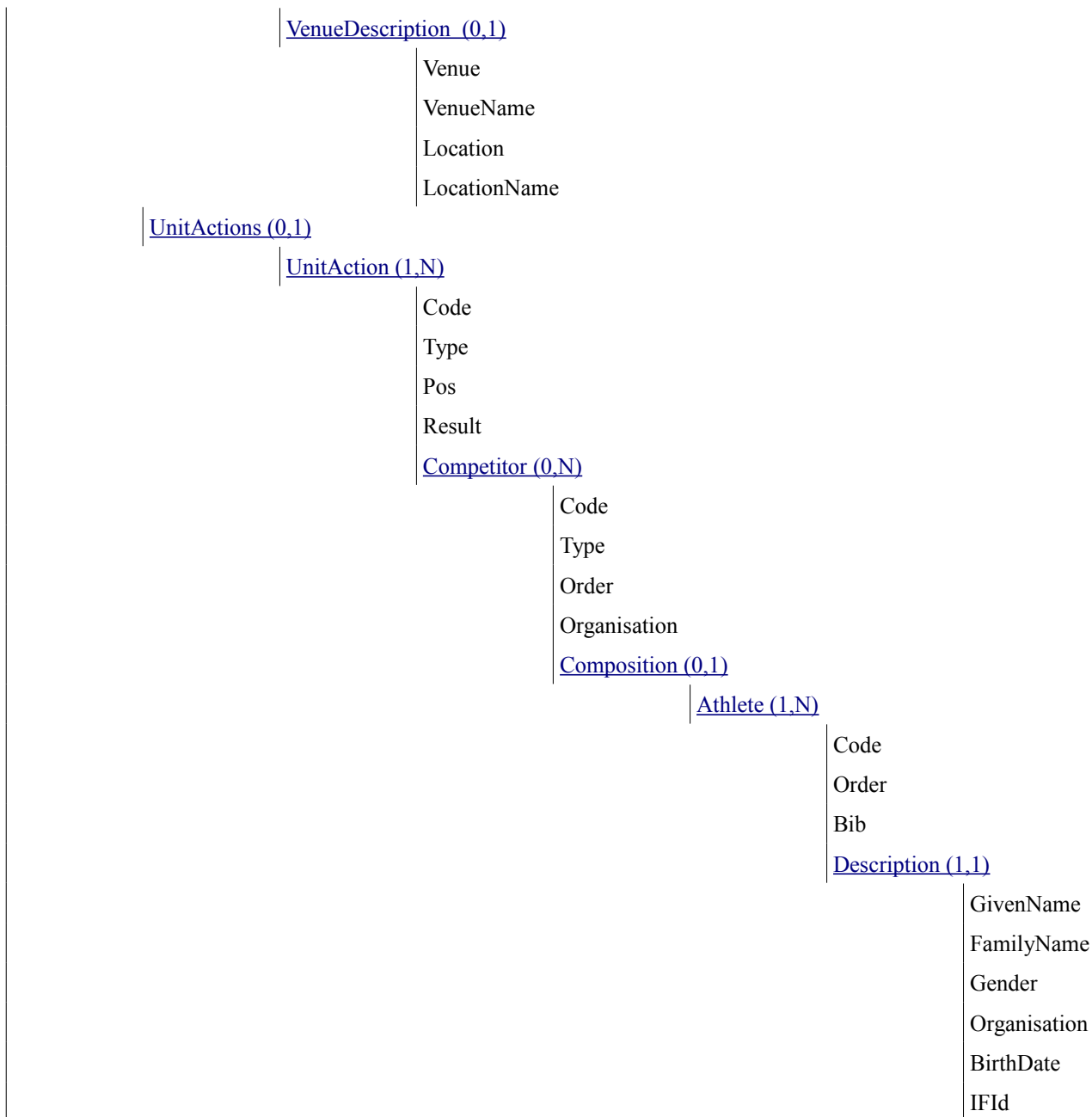
* After every race incident (LIVE)(UNOFFICIAL if any new incident after race and before results be official)

* After the race (unit) (OFFICIAL).

2.2.3.4 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 | Level 8 |
|-----------------------------------|-------------------------------------|--|----------------|---------|---------|---------|---------|
| Competition (1,1) | | | | | | | |
| | Code | | | | | | |
| | ExtendedInfos (0,1) | | | | | | |
| | | ExtendedInfo (0,N) | | | | | |
| | | | Type | | | | |
| | | | Code | | | | |
| | | | Pos | | | | |
| | | | Value | | | | |
| | | SportDescription (0,1) | | | | | |
| | | | DisciplineName | | | | |
| | | | EventName | | | | |
| | | | SubEventName | | | | |
| | | | Gender | | | | |



2.2.3.5 Message Values

| Element: Competition (1,1) | | | |
|----------------------------|-----|-------|-------------|
| Attribute | M/O | Value | Description |



| | | | |
|------|---|---------------------------------|--|
| Code | M | CC @Competition | Unique ID for competition Code is deprecated and value is duplicated in the header. |
|------|---|---------------------------------|--|

| Element: ExtendedInfos /ExtendedInfo (0,N) | | | | |
|--|------------|-----|--|---|
| Type | Code | Pos | Description | |
| EI | AFTER_DIST | N/A | Description of @Pos: N/A Element's Expected: When available | |
| | Attribute | M/O | Value | Description |
| | Value | M | String | The race distance completed so far Example: Lap 4, 56km or just 56km |

| 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 | |
| SubEventName | M | S(40) | EventUnit short name (not code) from Common Codes | |
| Gender | M | CC @DisciplineGender | Gender code for the event unit | |

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

| Element: UnitActions /UnitAction (1,N) | | | | |
|--|------|------------|--|--|
| Type | Code | Pos | Description | |
| UAC | Text | Numeric #0 | Description of @Code: When in race (km or lap etc.) Description of @Pos: | |



| | | | Unique sequential number for all the incidents from 1 to n (from the first incident to the last one). Element's Expected: (FILL) |
|-----------|-----|-------|--|
| Attribute | M/O | Value | Description |
| Result | O | Text | Incident Description |

| Element: UnitActions /UnitAction /Competitor (0,N) | | | |
|---|-----|----------------------------------|--|
| Competitor participating in the UnitAction. Used when the UnitAction is related to a competitor. | | | |
| Attribute | M/O | Value | Description |
| Code | M | S(20) with no leading zeroes | Competitor's ID |
| Type | M | A | A for athlete |
| Order | M | Numeric | Order in which the competitor should appear for the action, if there is more than one competitor |
| Organisation | M | CC @Organisation | Competitors' organisation |

| Element: UnitActions /UnitAction /Competitor /Composition /Athlete (1,N) | | | |
|---|-----|------------------------------|---|
| Attribute | M/O | Value | Description |
| Code | M | S(20) with no leading zeroes | Athlete's ID (individual athlete or team member) related to the action |
| Order | M | Numeric | Order of the athletes. Used to order the athletes when there are more than one athlete related to the action. |
| Bib | O | S(3) | Bib number |

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

**Sample (Sample)**

```
....
<ExtendedInfos>
  <ExtendedInfo Type="EI" Code="AFTER_DIST" Value="56km" />
  <SportDescription DisciplineName="Cycling Road" EventName="Women's Road Race"
SubEventName="Women's Road Race" Gender="W" />
  <VenueDescription Venue="MAL" VenueName="The Mall" Location="MLL" LocationName="The Mall"/>
</ExtendedInfos>
<UnitActions>
....
<UnitAction Type="UAC" Code="32km" Pos="3" Result="Riders 56 and 58 involved in minor crash at 22 km. No
serious injuries.">
  <Competitor Code="1008743" Type="A" Organisation="SUI" Order="1">
    <Composition>
      <Athlete Code="1008743" Order="1" >
        <Description GivenName="Jane" FamilyName="Smits" Gender="W"
Organisation="SUI" BirthDate="1994-12-15" />
      </Athlete>
    </Composition>
  </Competitor>
  <Competitor Code="1008223" Type="A" Organisation="SUI" Order="1">
    <Composition>
      <Athlete Code="1008223" Order="1" >
        <Description GivenName="Mary" FamilyName="Jones" Gender="W"
Organisation="FRA" BirthDate="1992-12-15" />
      </Athlete>
    </Composition>
  </Competitor>
....
</UnitAction>
....
```

2.2.3.6 Message Sort

UnitActions /UnitAction @Code followed by @Pos will be used to sort actions (if actions are requested).



2.2.4 Image

2.2.4.1 Description

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

The type of image may vary from discipline to discipline and could be a photofinish image or some other type of image to support the results of the discipline.

The message allows for multiple images but it is assumed the images are related (could be different resolutions, different states of a competition or different places in photofinish photos) hence only one description. Unrelated images should be sent separately.

When the DocumentSubtype is PHOTOFINISH then no extensions are to be used to have all disciplines use the same structure.

2.2.4.2 Header Values

The following table describes the message header attributes.

| Attribute | Value | Comment |
|-----------------|----------------------------------|--|
| CompetitionCode | CC @Competition | Unique ID for competition |
| DocumentCode | @ RSC | Depending on the message, the RSC could be: DD000000 (sent at discipline level) DDG000000 (sent at gender level) DDGEEEE000 (sent at event level) DDGEEEP00 (sent at phase level) DDGEEEP000 (sent at event unit level) |
| DocumentSubcode | S(10) | Picture number. |
| DocumentType | DT_IMAGE | Image message |
| DocumentSubtype | PHOTOFINISH | Send PHOTOFINISH |
| Version | 1..V | Version number associated to the message's content. Ascendant number |
| ResultStatus | SC @ResultStatus | Only applicable status is OFFICIAL |
| FeedFlag | "P"-Production "T"-Test | Test message or production message. |
| Date | Date | Date when the message is generated, expressed in the local time zone where the message was produced. |
| Time | Time | Time up to milliseconds when the message is generated, expressed in the local time zone where the message was |



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

2.2.4.3 Trigger and Frequency

Trigger and frequency defined in ORIS (or PRIS).

Trigger also after any change.

2.2.4.4 Message Structure

The following table defines the structure of the message.

| Level 1 | Level 2 | Level 3 | Level 4 |
|-----------------------------------|-------------------------------------|--|---------|
| Competition (1,1) | Code Image (1,N) | Pos Version Revision ImageType ImageData (1,1) | - |



2.2.4.5 Message Values

| Element: Competition (1,1) | | | |
|----------------------------|-----|---------------------------------|--|
| Attribute | M/O | Value | Description |
| Code | M | CC @Competition | Unique ID for competition Code is deprecated and value is duplicated in the header. |

| Element: Competition /Image (1,N) | | | |
|-----------------------------------|-----|------------|--|
| Attribute | M/O | Value | Description |
| Pos | M | Numeric #0 | Used as differentiator if there are multiple images in the message. In the case of different holes in golf the numbers 1..18 could be used. |
| Version | M | Numeric #0 | Document Version |
| Revision | M | Numeric #0 | Document Revision |
| ImageType | M | S(3) | Image type extension, jpg or png |

| Element: Competition /Image /ImageData (1,1) | | | |
|--|-----|-----------|---|
| Attribute | M/O | Value | Description |
| - | M | Free Text | The ImageData element has a body consisting of one Base64-encoded report (a jpeg or png file) |

2.2.4.6 Message Sort

Sort by Competition /Image /Pos



2.2.5 Configuration

2.2.5.1 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="").

2.2.5.2 Header Values

The following table describes the message header attributes.

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



| | | |
|--------|----------------------------|---|
| | | For messages corrections, like invalidating medals or Records, it will be the LogicalDate of the day of the correction. Logical Date is expressed in the local time zone where the message was produced. |
| Source | SC @Source | Code indicating the system which generated the message. |
| Serial | Numeric | Sequence number (positive integer) for ODF messages. Serial starts with 1 each day for each Source. |

2.2.5.3 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.

2.2.5.4 Message Structure

The following table defines the structure of the message.

| Level 1 | Level 2 | Level 3 | Level 4 | Level 5 | Level 6 |
|-----------------------------------|---------------------------------------|------------------------------|--|--|----------------------|
| Competition (1,1) | Code Configs (1,1) | Config (1,N) | Gender Event Phase Unit ExtendedConfig (1,N) | Type Code Pos Value ExtendedConfigItem (0,N) | Code Pos Value |



2.2.5.5 Message Values

| Element: Competition (1,1) | | | |
|----------------------------|-----|---------------------------------|---------------------------|
| Attribute | M/O | Value | Description |
| Code | M | CC @Competition | Unique ID for competition |

| Element: Configs /Config (1,N) | | | |
|--------------------------------|-----|--------------------------------------|--|
| Attribute | M/O | Value | Description |
| Gender | M | CC @DisciplineGender | Gender code of the RSC. Include if information is by Gender, by Event, by Phase or by Event Unit. Otherwise, do not include. |
| Event | M | CC @Event | Event code of the RSC. Include if information is by Event, by Phase or by Event Unit. Otherwise, do not include. |
| Phase | M | CC @Phase | Phase code of the RSC. Include if information is by Phase or by Event Unit. Otherwise, do not include. |
| Unit | M | CC @Unit | Unit code of the RSC. Include if information is by Event Unit. Otherwise, do not include. |

| Element: Configs /Config /ExtendedConfig (1,N) | | | | |
|--|------------------|--------------|--|--|
| Type | Code | Pos | Description | |
| EC | DISTANCE | N/A | Description of @Pos: N/A Element's Expected: Always | |
| | Attribute | M/O | Value | Description |
| | Value | M | Numeric | Send the total distance for the race in km |
| EC | INTERMEDIATE | Numeric 0 | Description of @Pos: Each intermediate point in the race where results are taken (Example: after start loop, after each lap/half lap, after the finish loop, at the end of the race, ..), from 1 to n. Where 1 is the first intermediate point and n is the finish the race. Element's Expected: When available | |



| Attribute | M/O | Value | Description |
|--|---------------------|--|--|
| Value | M | Numeric ##0.0 | Send distance in km at this intermediate point. |
| Sub Element: Configs /Config /ExtendedConfig /ExtendedConfigItem Expected: When available | | | |
| Attribute | Value | Description | |
| Code | IS_LAST | | |
| Pos | N/A | N/A | |
| Value | S(1) | Send 'Y'. Only send for the last Intermediate point (finish line). | |
| EC | PRETIMING | Numeric 0 | Description of @Pos: Each pre-timing point in the race where results are taken, from 1 to n. Where 1 is the first pre-timing point and n is the last pretiming point in the race. Element's Expected: When available (For Time Trial) |
| Attribute | M/O | Value | Description |
| Value | M | Numeric ##0.0 | Send distance in km at this intermediate point. |
| Sub Element: Configs /Config /ExtendedConfig /ExtendedConfigItem Expected: When available | | | |
| Attribute | Value | Description | |
| Code | NEXT_INTERMEDIATE | | |
| Pos | N/A | N/A | |
| Value | Numeric 0 | The next point intermediate (or final point) to the actual pre-timing point. | |
| EC | INTERMEDIATES_TOTAL | N/A | Description of @Pos: N/A Element's Expected: When available |



| | Attribute | M/O | Value | Description |
|---|-----------|------------------|---|--|
| | Value | M | Numeric #0 | Send the total number of intermediate points not including the finish. |
| EC | | PRETIMING_TOTALL | N/A | Description of @Pos: N/A Element's Expected: When available (Time Trial) |
| | Attribute | M/O | Value | Description |
| | Value | M | Numeric ##0 | Send the total number of pre-timing points. |
| EC | | SECTION | Numeric 0 | Description of @Pos: The number that identifies the section. A section is between two intermediate points, from 1 and n. Example: Section 1 is the section between start the race and intermediate point 1, in general the Section n is the section between Point n-1 and n), from 2 to the total number of sections. Element's Expected: When available. |
| | Attribute | M/O | Value | Description |
| | Value | O | Numeric ##0.00 | Send distance in km. |
| Sub Element: Configs /Config /ExtendedConfig /ExtendedConfigItem Expected: When available. | | | | |
| | Attribute | Value | Description | |
| | Code | BEGIN | | |
| | Pos | N/A | N/A | |
| | Value | Numeric 0 | Send the intermediate point for the start of the section. | |
| Sub Element: Configs /Config /ExtendedConfig /ExtendedConfigItem Expected: When available. | | | | |
| | Attribute | Value | Description | |
| | Code | END | | |



| | | |
|-------|----------------------------|--|
| Pos | N/A | N/A |
| Value | Numeric 0 Or S(1) | Send the intermediate point which is the end of the section (usually same a SECTION @Pos. For last section, send 'F'. |

Sample (Sample)

```

.....
<Configs>
  <Config Gender="W" Event="012" Phase="1" Unit="01">
    <ExtendedConfig Type="EC" Code="DISTANCE" Value="29.26"> </ExtendedConfig>
  <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="1" Value="0.4" />
  <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="2" Value="2.8" />
.....
  <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="13" Value="29.3" >
    <ExtendedConfigItem Code="IS_LAST" Value="Y" />
    </ExtendedConfig>
    <ExtendedConfig Type="EC" Code="INTERMEDIATES_TOTAL" Value="12" />
    <ExtendedConfig Type="EC" Code="SECTION" Pos="1" Value="4.7" >
      <ExtendedConfigItem Code="BEGIN" Value="1" />
      <ExtendedConfigItem Code="END" Value="3" />
    </ExtendedConfig>
.....
    <ExtendedConfig Type="EC" Code="SECTION" Pos="13" Value="4.8" >
      <ExtendedConfigItem Code="BEGIN" Value="12" />
      <ExtendedConfigItem Code="END" Value="F" />
    </ExtendedConfig>
  </Config>
</Configs>
.....

```

2.2.5.6 Message Sort

There is no general message sorting rule.



2.2.6 Event Unit Weather conditions

2.2.6.1 Description

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

2.2.6.2 Header Values

The following table describes the message header attributes.

| Attribute | Value | Comment |
|-----------------|---------------------------------|--|
| CompetitionCode | CC @Competition | Unique ID for competition |
| DocumentCode | DDGEEPUU | DD according to CC @Discipline G according to CC @DisciplineGender EEE according to CC @Event P according to CC @Phase UU according to CC @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 "T"-Test | Test message or production message. |
| Date | Date | Date when the message is generated, expressed in the local time zone where the message was produced. |
| Time | Time | Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced. |
| LogicalDate | Date | Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight. If an event unit continues after midnight (24:00), all messages produced will be considered as happening at the logical date on which the event unit began (e.g. for a session which began at 21:00 on Aug 2 and ended at 1:20 on Aug 3, the message will all be dated Aug 2). The end of the logical day is defined by default at 03:00 a.m. For messages corrections, like invalidating medals or Records, it will be the LogicalDate of the day of the correction. Logical Date is expressed in the local time zone where the |



| | | |
|--------|----------------------------|--|
| | | message was produced. |
| Source | SC @Source | Code indicating the system which generated the message. |
| Serial | Numeric | Sequence number (positive integer) for ODF messages. Serial starts with 1 each day for each Source. |

2.2.6.3 Trigger and Frequency

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

2.2.6.4 Message Structure

The following table defines the structure of the message.

| Level 1 | Level 2 | Level 3 | Level 4 | Level 5 |
|-----------------------------------|---------------------------------------|----------------------------------|---|-------------------------------|
| Competition (1,1) | Code Weather (1,1) | Conditions (1,N) | Code Humidity Condition (0,3) | Code Value |
| | | | Temperature (0,N) | Code Unit Value Type |

2.2.6.5 Message Values

| Element: Competition (1,1) | | | |
|----------------------------|-----|---------------------------------|---------------------------|
| Attribute | M/O | Value | Description |
| Code | M | CC @Competition | Unique ID for competition |

| Element: Weather /Conditions (1,N) | | | |
|------------------------------------|-----|-------|-------------|
| Attribute | M/O | Value | Description |



| | | | |
|----------|---|----------------|--|
| Code | M | GL | GL for generically, because this information will only be measured once. |
| Humidity | M | Numeric ##0 | Humidity in % |

| Element: Weather /Conditions /Condition (0,3) | | | |
|---|------------|--|--|
| Send three times in the case of Winter conditions. | | | |
| Attribute | M/O | Value | Description |
| Code | M | SKY | Weather conditions type |
| Value | M | CC @WeatherConditions | Codes that describe the Weather Condition. |

| Element: Weather /Conditions /Temperature (0,N) | | | |
|--|------------|--|--|
| Send with three different @Code in the case of Winter conditions. | | | |
| Attribute | M/O | Value | Description |
| Code | M | AIR | Air |
| Unit | M | SC @TemperatureUnit | Metric system unit for temperature |
| Value | M | Numeric #0 | Temperature in centigrade degrees (in case of positive temperature, do not send '+') |
| Type | O | SC @TemperatureType | Type of Temperature (like Maximum, Minimum, Normal, etc.) |

2.2.6.6 Message Sort

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



3 Document Control

| Version history | | |
|-----------------|------------------|------------------------------------|
| Version | Date | Comments |
| v0.1 | 6 March 2014 | Draft version |
| v1.0 | 30 May 2014 | First Version |
| v1.1 | 11 July 2014 | SFA version after IDM meeting |
| v1.2 | 28 August 2014 | Updated version |
| v1.3 | 7 November 2014 | Updated version |
| v1.4 | 12 February 2015 | CR4550 applied Approved version |
| v1.5 | 14 May 2015 | CR5195 applied |
| v1.6 | 6 August 2015 | Minor corrections |
| v1.7 | 05 November 2015 | Minor changes |

File Reference: ODF/INT154- R-SOG-2016-v1.7 APP (CR)

| Change Log | | |
|------------|--------|--|
| Version | Status | Changes on version |
| v0.1 | DRAFT | Draft version in ODF2 format |
| v1.0 | SFR | First Version |
| v1.1 | SFA | <ul style="list-style-type: none"> * (DT_PARTIC) UCIRiderID added to Participnat/Discipline * (DT_RESULT) Trigger definition updated. * (DT_RESULT) SportDescription/DisciplineNamedefinition updated * (DT_RESULT) IRM definition clarified. * (DT_RESULT) SortOrder definition updated to clarify how results are sorted during competition. * (DT_RESULT) StartSortOrder definition added * (DT_RESULT) Composition/Athlete Code removed. Follow ODF General definition. * (DT_RESULT) ExtendedInfo/AFTER_DIST @Value definition simplified. * (DT_RESULT) ExtendedInfo/ After_N definition updated according new ODF messages rules. * (DT_RESULT) ExtendedInfo/ y attribute definition updated according IRM ORIS definition. * (DT_RESULT) ExtendedInfo/ DNF_TOTAL removed * (DT_RESULT) ExtendedInfo/ INTERMEDIATE (UI) extension IS_LAST, value redefined. * (DT_RESULT) ExtendedInfo/ SECTION, name of Extensions updated. * (DT_RESULT) ExtendedInfo/ CURRENT attribute redefined. Extension removed |



| | | |
|------|-----|---|
| | | <ul style="list-style-type: none"> * (DT_RESULT) ExtendedInfo/ INTERMEDIATE (UI_LEADER) definition clarified. * (DT_RESULT) ExtendedResult/ SPRINTOFF_WIN attribute removed. * (DT_RESULT) ExtendedResult/ RELEGATED attribute added. * (DT_RESULT) ExtendedResult/ PHOTO @Value redefined to simplify values to use * (DT_RESULT) ExtendedResult/ INTERMEDIATE definition clarified * (DT_RESULT) ExtendedResult/ INTERMEDIATE, @Unchecked removed. * (DT_RESULT) ExtendedResult/ SECTION, @Unchecked removed. * Gender definition modified in all messages, added correspondence with the Common codes table. |
| v1.2 | SFA | <ul style="list-style-type: none"> * (DT_CONFIG) Message added. * (DT_RESULT) attributes DISTANCE, INTERMEDIATE, INTERMEDIATES_TOTAL and SECTION moved from ExtendedInfo to DT_CONFIG message. * (DT_PARTIC) UCIRIDERID moved to EventEntry. * (DT_PARTIC) Bib added * (DT_RESULT) Bib definition updated |
| v1.3 | SFA | <ul style="list-style-type: none"> * (DT_RESULT) ExtendedResult ER/CURRENT definition clarified to avoid an invalid use of Value = 0 * (DT_RESULT) PROGRESS/SECTION @Pos definition updated to clarify limits of Section. * (DT_RESULT) PROGRESS/INTERMEDIATE @Pos element definition updated to clarify that finish point information should to be received also like intermediate point. * (DT_RESULT) PASSIDX removed from PROGRESS/INTERMEDIATE and PROGRESS/SECTION * (DT_PLAY_BY_PLAY)Trigger definition updated, to clarify when messages are generated and the status to be used. |
| v1.4 | APP | <ul style="list-style-type: none"> * CR4550 applied: Included DT_IMAGE and DT_PRESSPHOTOFINISH_LK messages * Approved version |
| v1.5 | APP | <ul style="list-style-type: none"> * CR5195 applied: Add Pre-timing Screen |
| v1.6 | APP | <ul style="list-style-type: none"> * DT_MEDALLISTS message was missing by mistake in the Applicable messages section |
| v1.7 | APP | <ul style="list-style-type: none"> * (DT_RESULT) clarify use of "PHOTO" |