



Olympic Data Feed



Triathlon ODF Data Dictionary

Technology and Information Department
© International Olympic Committee

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1 Introduction

1.1 This document

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

1.2 Objective

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

1.3 Main Audience

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

1.4 Glossary

The following abbreviations are used in this document.

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

1.5 Related Documents

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



2 Messages

2.1 Triathlon Overview

MESSAGES IN EACH EVENT

* All events have a single DT_RESULT and DT_PLAY_BY_PLAY for each unit and DT_IMAGE if appropriate.

SCHEDULE

* The DT_SCHEDULE/DT_SCHEDULE_UPDATE message will include each unit (schedule=Y) only which is aligned with the same RSC for DT_RESULT.

PARALYMPIC GAMES

* Class and guide are used exclusively in the Paralympic Games.

* There is no team competition in the Paralympic Games.

2.2 Applicable Messages

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

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

| Message Type | Message Name | Message\nextended |
|---|--|-------------------|
| DT_SCHEDULE DT_SCHEDULE_UPDATE | / Competition schedule / Competition schedule update | |
| DT_PARTIC / DT_PARTIC_UPDATE | List of participants by discipline / List of participants by discipline update | X |
| DT_PARTIC_NAME | Participant Names | |
| DT_PARTIC_TEAMS DT_PARTIC_TEAMS_UPDATE | / List of teams / List of teams update | X |
| DT_RESULT | Event Unit Start List and Results | X |
| DT_CURRENT | Current Information | X |
| DT_PLAY_BY_PLAY | Play by Play | X |
| DT_IMAGE | Image | X |
| DT_PRESSPHOTOFINISH_LK | Press Photofinish | |
| DT_RANKING | Event Final Ranking | X |
| DT_MEDALLISTS | Event's Medallists | |
| DT_MEDALLISTS_DISCIPLINE | Medallists by discipline | |
| DT_MEDALS | Medal standings | |



| | | |
|------------------|-------------------------------------|---|
| DT_CONFIG | Configuration | X |
| DT_COMMUNICATION | Communication | |
| DT_WEATHER | Weather conditions | X |
| DT_PRESENTER | Medal Presenters | |
| DT_LOCAL_ON | Discipline/venue start transmission | |
| DT_LOCAL_OFF | Discipline/venue stop transmission | |
| DT_KA | Keep Alive | |
| DT_ALERT | Alert | |
| DT_BCK | Background Document | |
| DT_BIO_PAR | Participant Biography | |
| DT_NEWS | News Document | |
| DT_PIC | Pictures | |
| DT_PDF | PDF Message | |



2.3 Messages

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

2.3.1.1 Description

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

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

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

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

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

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

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

2.3.1.2 Header Values

The following table describes the message header attributes.

| Attribute | Value | Comment |
|-----------------|---------------------------------|---|
| CompetitionCode | CC @Competition | Unique ID for competition |
| DocumentCode | CC @Discipline | Full RSC at the discipline level |
| DocumentType | DT_PARTIC DT_PARTIC_UPDATE | / List of participants by discipline message |
| DocumentSubtype | S(20) | HISTORICAL if the message is from the historical results provider and only includes historic athletes else the attribute is not included. Never included in _UPDATE message. |
| Version | 1..V | Version number associated to the message's content. Ascending 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. See full explanation in ODF Foundation. |
| Source | SC @Source | Code indicating the system which generated the message. |

2.3.1.3 Trigger and Frequency

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

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

2.3.1.4 Message Structure

The following table defines the structure of the message.

| Level 1 | Level 2 | Level 3 | Level 4 | Level 5 | Level 6 |
|-----------------------------------|-----------------------------------|--------------------|---------|---------|---------|
| Competition (0.1) | Gen | | | | |
| | Sport | | | | |
| | Codes | | | | |
| | Participant (1.N) | Code | | | |
| | | Parent | | | |
| | | Status | | | |
| | | GivenName | | | |
| | | FamilyName | | | |
| | | PassportGivenName | | | |
| | | PassportFamilyName | | | |
| | | PrintName | | | |
| | | PrintInitialName | | | |
| | | TVName | | | |
| | | TVInitialName | | | |
| | | TVFamilyName | | | |
| | | Gender | | | |
| | | Organisation | | | |
| | BirthDate | | | | |
| | PlaceofBirth | | | | |



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

2.3.1.5 Message Values

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

Sample (General)

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

| Element: Competition /Participant (1,N) | | | |
|---|-----|-----------------------|-------------------|
| Attribute | M/O | Value | Description |
| Code | M | S(20) with no leading | Participant's ID. |



| | | | |
|--------------------|---|----------------------------------|--|
| | | zeroes | <p>It identifies an athlete or an official and the holding participant's valid information for one particular period of time.</p> <p>It is used to link other messages to the participant's information.</p> <p>Participant's information (example @Organisation) will not be the latest for the athlete/official, unless the @Code attribute is the same as the @Parent attribute. However, this information could be the one being valid in the particular moment of a start list, event unit results, etc.</p> <p>When the participant is an historical one, then this ID will start with "A" when it is an Athlete, "C" when Coach and "O" when Official.</p> |
| Parent | M | S(20) with no leading zeroes | <p>Participant's parent ID, which is used to link to the latest valid information for one participant. @Parent attribute should be linked to the latest participant's information, by retrieving that Athlete/Official whose @Code attribute is the same as @Parent.</p> <p>The participant containing @Code attribute being the same as the @Parent attribute will be the one with the latest information for the participant.</p> <p>The @Parent attribute will only be different from @Code in the case that critical personal information has changed from previous competitions. The typical examples are Organisation (for change of country) or Name (particularly for women changing their name at marriage). Further to be clear, @Parent and @Code can only be different if Current = "false".</p> |
| Status | O | CC @ParticStatus | <p>Participant's accreditation status this attribute is Mandatory in the case of @Current="true" and it is optional in the case that @Current="false".</p> <p>To delete a participant, a specific value of the Status attribute is used.</p> |
| GivenName | O | S(25) | Given name in WNPA format (mixed case) |
| FamilyName | M | S(25) | Family name in WNPA format (mixed case) |
| PassportGivenName | O | S(25) | Passport Given Name (Uppercase). |
| PassportFamilyName | O | S(25) | Passport Family Name (Uppercase). |
| PrintName | M | S(35) | Print name (family name in upper case + given name in mixed case) |
| PrintInitialName | M | S(18) | Print Initial name (for the given name it is sent just the initial, without dot) |
| TVName | M | S(35) | TV name |
| TVInitialName | M | S(18) | TV initial name |
| TVFamilyName | M | S(25) | TV family name |
| Gender | M | CC @PersonGender | Participant's gender |
| Organisation | M | CC @Organisation | Organisation ID |
| BirthDate | O | YYYY-MM-DD | Date of birth. Expected for athletes, not expected for officials. |
| 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 | S(1) | Send Y if the participant is a member of the Solidarity / Scholarship Program else not sent. |
| ModificationIndicator | M | S(1) | 'N' or 'U' 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: Competition /Participant /Discipline (1,1)

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

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

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

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

| Attribute | M/O | Value | Description |
|-----------|-----|-------------------------------------|--|
| Event | M | CC @Event | Full RSC of the Event |
| Bib | O | S(4) | Bib number (race number). Although this attribute is optional, it will be updated and informed as soon as this information is known. Example: 8, 10,..Send only in the Case of Current="true". |
| Class | O | CC @DisciplineClass | Code to identify the Class in the event. This attribute is mandatory for athletes in Para-Triathlon |



| | | | |
|------------|---|-----------------------------------|---|
| Status | O | SC @AthleteStatus | Send status when applicable (only used for the athlete who is replaced in the team event) |
| Substitute | O | S(1) | Send Y if this athlete is a reserve in the team event else not sent |

| Element: Competition /Participant /Discipline /RegisteredEvent /EventEntry (0,N) | | | |
|--|------------|------------------------------|--|
| Send if there are specific athlete's event entries. | | | |
| Type | Code | Pos | Description |
| ENTRY | QUAL_RANK | N/A | Element Expected: Always when available |
| Attribute | M/O | Value | Description |
| Value | M | S(4) | Qualification List Rank |
| ENTRY | QUAL_PTS | N/A | Element Expected: Always when available |
| Attribute | M/O | Value | Description |
| Value | M | Numeric ##00.00 | Qualification Ranking Points |
| ENTRY | GUIDE | Numeric 0 | Pos Description: Send 1 and 2 (2 only if there is a second guide) Element Expected: If a guide exists in Para-Triathlon |
| Attribute | M/O | Value | Description |
| Value | M | S(20) with no leading zeroes | ID to identify the official acting of guide in the case of events with guides |

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

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

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

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 | CC @Competition | Unique ID for competition |
| DocumentCode | CC @Discipline | Full RSC at the discipline level |
| DocumentType | DT_PARTIC_TEAMS / DT_PARTIC_TEAMS_UPDATE | List of participant teams message |
| DocumentSubtype | S(20) | HISTORICAL if the message is from the historical results provider and only includes historic teams else the attribute is not included. Never included in _UPDATE message. |
| Version | 1..V | Version number associated to the message's content. Ascending 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. See full explanation in ODF Foundation. |
| Source | SC @Source | Code indicating the system which generated the message. |

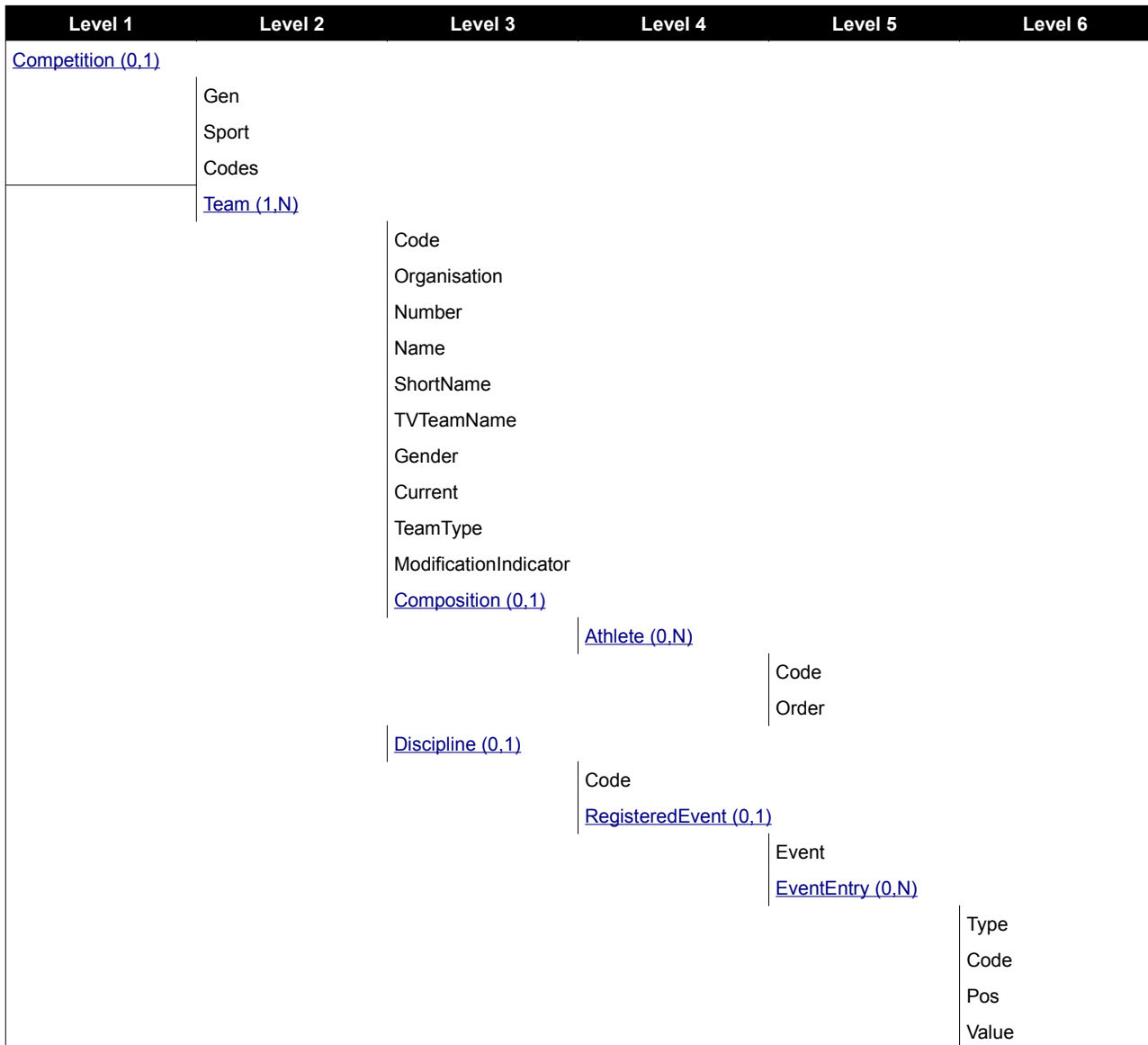
2.3.2.3 Trigger and Frequency

The DT_PARTIC_TEAMS message is sent as a bulk message 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.



2.3.2.5 Message Values

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

Element: Competition /Team (1,N)



| Attribute | M/O | Value | Description |
|-----------------------|-----|----------------------------------|--|
| Code | M | S(20) with no leading zeroes | Team's ID When the Team is an historical one, then this ID starts with "T". |
| Organisation | M | CC @Organisation | Team organisation's ID |
| Number | O | Numeric #0 | Team's number. If there is not more than one team for one organisation participating in one event, it is 1. Otherwise, it will be incremental, 1 for the first organisation's team, 2 for the second organisation's team, etc. Required in the case of current teams. |
| Name | M | S(73) | Team name |
| ShortName | M | S(40) | Team Short Name |
| TVTeamName | M | S(21) | TV Team Name |
| Gender | M | CC @SportGender | 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) |
| TeamType | M | SC @TeamType | Send the team type. This is how the name is constructed to allow clients to build in other languages. Use ORG. |
| ModificationIndicator | M | N, U, D | Attribute is mandatory in the DT_PARTIC_TEAMS_UPDATE message only N-New team (in the case that this information comes as a late entry) U-Update team D-Delete team If ModificationIndicator='N', then include new team to the previous bulk-loaded list of teams If ModificationIndicator='U', then update the team to the previous bulk-loaded list of teams If ModificationIndicator='D', then delete the team to the previous bulk-loaded list of teams |

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

| Attribute | M/O | Value | Description |
|-----------|-----|------------------------------|---------------------------------------|
| Code | M | S(20) with no leading zeroes | Athlete ID of the listed team member. |
| Order | O | Numeric | Team member order |

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

Discipline is expected unless ModificationIndicator="D"

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

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

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

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



| Element: Competition /Team /Discipline /RegisteredEvent /EventEntry (0,N) | | | | |
|---|------------------|------------|--|------------------------------|
| Send if there are specific team's event entries. | | | | |
| Type | Code | Pos | Description | |
| ENTRY | QUAL_RANK | N/A | Element Expected: Always when available | |
| | Attribute | M/O | Value | Description |
| | Value | M | S(4) | Qualification List Rank |
| ENTRY | QUAL_PTS | N/A | Element Expected: Always when available | |
| | Attribute | M/O | Value | Description |
| | Value | M | Numeric ##00.00 | Qualification Ranking Points |

Sample (General)

```
<Team Code="TRIXTEAM4-----CAN01" Organisation="CAN" Number="1" Name="Canada" Gender="X" Current="true">
  <Composition>
    <Athlete Code="1063192" Order="1"/>
    <Athlete Code="1063249" Order="2"/>
    <Athlete Code="1067349" Order="3"/>
  ..
  </Composition>
  <Discipline Code="TRI-----" >
    <RegisteredEvent Event="TRIXTEAM4-----" />
  </Discipline>
</Team>
```

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. 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...).

When an athlete receives an IRM, the Rank should be removed and SortOrder updated in the same message in which the IRM is sent.

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 | CC @Competition | Unique ID for competition |
| DocumentCode | CC @Unit | Full RSC of the unit |
| DocumentSubcode | N/A | N/A |
| DocumentType | DT_RESULT | Event Unit Start List and Results message |
| DocumentSubtype | N/A | N/A |
| Version | 1..V | Version number associated to the message's content. Ascending number |
| ResultStatus | CC @ResultStatus | It indicates whether the result is official or unofficial (or intermediate etc). START_LIST INTERMEDIATE (used after the competition has started and is not finished but not currently live) LIVE (used during the competition when nothing else applies). UNCONFIRMED UNOFFICIAL OFFICIAL |
| FeedFlag | "P"-Production "T"-Test | Test message or production message. |
| Date | Date | Date when the message is generated, expressed in the local time zone where the message was produced. |
| Time | Time | Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced. |
| LogicalDate | Date | Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight. See full explanation in ODF Foundation. |
| Source | SC @Source | Code indicating the system which generated the message. |

2.3.3.3 Trigger and Frequency

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

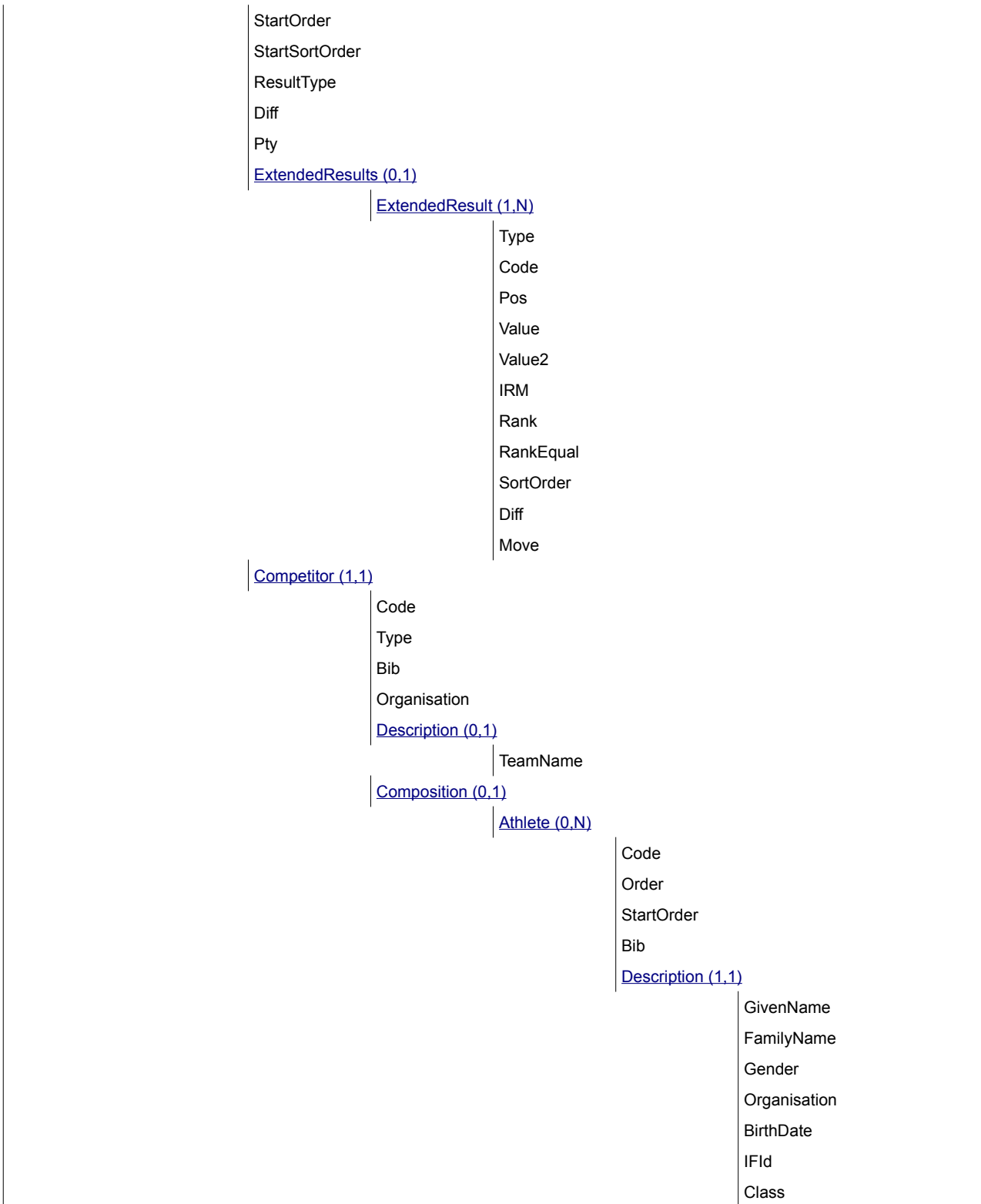


- * As soon as the race starts. (LIVE)
- * When the competition starts and all changes/additions in data included in the message (LIVE). This is generally as each athlete reaches an intermediate point or completes a segment. (LIVE)
- * After the race is over: where there are any pending photo finish issues to be resolved (UNCONFIRMED)
- * After the unit is over, UNOFFICIAL / OFFICIAL as appropriate and all changes in the results
- * Trigger also after any change.

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 | Level 8 |
|-----------------------------------|-------------------------------------|--|---------------------------------|---------|---------|---------|---------|
| Competition (0.1) | | | | | | | |
| | Gen | | | | | | |
| | Sport | | | | | | |
| | Codes | | | | | | |
| | ExtendedInfos (0.1) | | | | | | |
| | | UnitDateTime (0.1) | | | | | |
| | | | StartDate | | | | |
| | | ExtendedInfo (0.N) | | | | | |
| | | | Type | | | | |
| | | | Code | | | | |
| | | | Pos | | | | |
| | | | Value | | | | |
| | | | Extension (0.N) | | | | |
| | | SportDescription (0.1) | | | | | |
| | | | DisciplineName | | | | |
| | | | EventName | | | | |
| | | | Gender | | | | |
| | | | SubEventName | | | | |
| | | VenueDescription (0.1) | | | | | |
| | | | Venue | | | | |
| | | | VenueName | | | | |
| | | | Location | | | | |
| | | | LocationName | | | | |
| | Result (1.N) | | | | | | |
| | | Rank | | | | | |
| | | RankEqual | | | | | |
| | | Result | | | | | |
| | | Unchecked | | | | | |
| | | IRM | | | | | |
| | | SortOrder | | | | | |





| | |
|--|---------------------------------------|
| | GuideID |
| | GuideFamilyName |
| | GuideGivenName |
| | EventUnitEntry (0,N) |
| | Type |
| | Code |
| | Pos |
| | Value |
| | ExtendedResults (0,1) |
| | ExtendedResult (1,N) |
| | Type |
| | Code |
| | Pos |
| | Value |
| | Rank |
| | RankEqual |
| | SortOrder |
| | Diff |

2.3.3.5 Message Values

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

| Element: Competition /ExtendedInfos /UnitDateTime (0,1) | | | |
|---|-----|----------|-----------------------------|
| Actual times. Include when the unit starts. | | | |
| Attribute | M/O | Value | Description |
| StartDate | M | DateTime | Actual start date and time. |

| Element: Competition /ExtendedInfos /ExtendedInfo (0,N) | | | |
|---|---|---------------|---|
| Type | Code | Pos | Description |
| DISPLAY | INT_x_l_y (x = @Segment Code l =leg y =Intermediate point in the segment) | Numeric #0 | Code Description: l is only sent in relay events Pos Description: Send a unique number for each competitor included (that is if two competitors updated send 1 & 2) Element Expected: When available only when the unit is LIVE, |



| UNCONFIRMED or UNOFFICIAL | | | |
|---|---------------------|---|---|
| Attribute | M/O | Value | Description |
| Value | M | S(20) without leading zeroes | Send the competitor ID of the last competitor(s) to reach the intermediate point (including F). |
| UI | STARTERS | N/A | Element Expected: When was available |
| Attribute | M/O | Value | Description |
| Value | M | Numeric ##0 | Send the number of competitors on the start list |
| Sub Element: Competition /ExtendedInfos /ExtendedInfo /Extension Expected When it is available | | | |
| Attribute | Value | Description | |
| Code | COMPLETE | | |
| Pos | Numeric 0 | For individual events: Send the segment @Pos (from DT_CONFIG) for each segment except transitions and last segment. Do not send for overall complete. For team event: Send the leg number (1-3 only) | |
| Value | Numeric ##0 | Send the number of competitors whose event unit is completed (of if @Pos is used the number completed that segment/leg) (includes IRMs) | |
| Sub Element: Competition /ExtendedInfos /ExtendedInfo /Extension Expected When it is available | | | |
| Attribute | Value | Description | |
| Code | ORG | | |
| Pos | N/A | N/A | |
| Value | Numeric ##0 | Send the number of organisations in the unit | |
| Sub Element: Competition /ExtendedInfos /ExtendedInfo /Extension Expected When it is available | | | |
| Attribute | Value | Description | |
| Code | y Where y=CC@IRM | | |
| Pos | N/A | N/A | |
| Value | Numeric ##0 | Send number of competitors who have an IRM. | |
| DISPLAY | AFTER_INT | S(2) | Pos Description: Intermediate point (1,2...) Element Expected: Always for all intermediate points after the first person has passed that intermediate. |
| Attribute | M/O | Value | Description |
| Value | M | Numeric ##0 | Send the number of competitors who have passed the intermediate point. Do not include IRMs who did not reach this point. |
| UI | WET_SUIT | N/A | Element Expected: When available |
| Attribute | M/O | Value | Description |



| | | | | |
|---|------------------|--------------|-----------------------------|---|
| | Value | M | S(1) | Send Y if wet suits are allowed, N if not allowed. |
| LEADER | | CURRENT | Numeric 0 | Pos Description: In the case of team events send the leg, do not include in individual. Element Expected: When it is available |
| | Attribute | M/O | Value | Description |
| | Value | M | SC @Segment | Send @Segment for current segment for the leader (or last if not passed an intermediate in the current segment). |
| Sub Element: Competition /ExtendedInfos /ExtendedInfo /Extension Expected When it is available | | | | |
| | Attribute | Value | Description | |
| | Code | INTERMEDIATE | | |
| | Pos | N/A | N/A | |
| | Value | S(2) | | Send the most recent intermediate point passed within the segment for the leader. |

Sample (General)

```
<ExtendedInfos>
  <UnitDateTime StartDate="2012-08-11T12:30:00+01:00" />
  <ExtendedInfo Type="UI" Code="STARTERS" Value="55" />
  <Extension Code="COMPLETE" Pos="1" Value="55" />
  <Extension Code="COMPLETE" Pos="3" Value="55" />
  <Extension Code="ORG" Value="35" />
</ExtendedInfo>
<ExtendedInfo Type="UI" Code="WET_SUIT" Value="N" />
<ExtendedInfo Type="LEADER" Code="CURRENT" Value="RUN" >
  <Extension Code="INTERMEDIATE" Value="2" />
</ExtendedInfo>
</ExtendedInfos>
```

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

Sport Descriptions in Text.

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

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

Venue Names in Text.

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



| | | | |
|--------------|---|------------------------------|---|
| Location | M | CC @Location | Location code |
| LocationName | M | S(30) | Location ENG Description (not code) from Common Codes |

| Element: Competition /Result (1,N) | | | |
|--|------------|--------------------------------|---|
| For each Event Unit Results message, there must be at least one competitor with a result element in the event unit. | | | |
| Attribute | M/O | Value | Description |
| Rank | O | Text | Rank of the competitor in the corresponding event unit. |
| RankEqual | O | S(1) | Identifies if a rank has been equalled. Only send if applicable |
| Result | O | h:mm:ss | The result of the competitor in the event unit. Do not include h if it is zero. |
| Unchecked | O | S(1) | Send Y in the case the final result for this competitor has not been validated |
| IRM | O | SC @IRM | IRM for the particular event unit. 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 DNF etc. during the race must be dropped to the bottom with no rank. |
| StartOrder | O | S(4) | Start Position, send unless IRM before the start. (not applicable in Paralympics) |
| StartSortOrder | M | Numeric | Order as 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 | +m:ss | Time behind at finish only (do not send for leader) |
| Pty | O | S(2) | Send number of penalties given (eg. 1P) |

| Element: Competition /Result /ExtendedResults /ExtendedResult (1,N) | | | |
|--|------------------|------------|--|
| Type | Code | Pos | Description |
| ER | PHOTO | N/A | Element Expected: At the end of the race. Only send for applicable competitors. |
| | Attribute | M/O | Value |
| | Value | M | S(1) |
| | | | Description To know if the competitor's final result is awaiting a photo. Send P for Pending Status or Y when evaluated. 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 |
| CC @Segment | | INTERMEDIATE | S(2) | Pos Description: Intermediate point in the segment as defined in DT_CONFIG (1,2..F) For individual events For team events the Pos value is the INTERMEDIATE_ALL value from DT_CONFIG not considering legs or segments Element Expected: Send each intermediate point for ALL competitors as soon as the first competitor crosses each intermediate point. (either all competitors have the intermediate point or none) Send in team and individual events |
| | Attribute | M/O | Value | Description |
| | Value | O | h:mm:ss or '-' | Overall cumulative time at the intermediate point. Do not send leading zeros (includes compensation if applicable in Para Triathlon). Send "-" if competitor passed this point and no data available. Send when this competitor passes the intermediate point. |
| | Rank | O | S(3) | Send the cumulative rank of the competitor at the intermediate point. Do not send if no value. |
| | RankEqual | O | S(1) | 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 end of the intermediate point 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). |
| | Diff | O | +m:ss | Send the time behind the fastest at the intermediate point. (Do not send for the leader) |
| | Move | O | Numeric +##0 or -##0 or 0 | Change in rank compared to the previous Intermediate Point. For example, if one competitor is moving from rank =9 to rank =15 then Move is -6. |
| CC @Segment | | SECTION | S(2) | Pos Description: Intermediate no. as defined in DT_CONFIG. Element Expected: Send each section point for ALL competitors as soon as the first competitor crosses each point. (either all competitors have the section point or none) Only send if the number of intermediates in a segment is bigger than the number of laps in this sector in individual events |
| | Attribute | M/O | Value | Description |
| | Value | O | m:ss or '-' | Time elapsed from the last (overall) intermediate point to this intermediate point. |



| | | | | |
|-------------|------------------|------------|------------------------------|--|
| | | | | Send "-" if competitor passed this point and no data available. Send when this competitor completes the section. |
| | Rank | O | S(3) | Rank of the competitor in the section. |
| | RankEqual | O | S(1) | 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 end of the intermediate point 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). |
| | Diff | O | +m:ss | Send the time behind the fastest at the corresponding intermediate point. (Do not send for leader) |
| CC @Segment | | LAP | Numeric #0 | Pos Description: Intermediate no. as defined in DT_CONFIG. Element Expected: Only if there is more than one lap in the segment in individual events. |
| | Attribute | M/O | Value | Description |
| | Value | M | m:ss or '-' | Time for this lap Send '-' if competitor passed this point and no data available. |
| | Rank | O | S(3) | Send the rank of the competitor in the lap |
| | RankEqual | O | S(1) | Send "Y" if rank is equalled, otherwise do not send. |
| | Diff | O | +m:ss | Send the time behind the fastest at the current lap. (Do not send for the leader) |
| | Move | O | Numeric +##0 or -##0 or 0 | Change in rank compared to the previous Lap. For example if one competitor is moving from rank =9 to rank =15 then Move is -6. |
| CC @Segment | | SECTOR | S(2) | Pos Description: Intermediate no. as defined in DT_CONFIG. Element Expected: Send each sector for ALL competitors as soon as the first competitor completes the sector. (either all competitors have the sector or none) In individual events |
| | Attribute | M/O | Value | Description |
| | Value | O | h:mm:ss or '-' | Time elapsed from the start of the current segment to the current intermediate point. Do not send leading h if zero. Send "-" if competitor passed this point and no data available. Send when this competitor completes the sector. |
| | Rank | O | S(3) | Send the rank of the competitor in the sector |
| | RankEqual | O | S(1) | 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 end of the current sector as well - after the ones who have, but before the IRMs. Sorted by the intermediate passed most recently in current sector and by order there (if none, then by start order). |
| | Diff | O | +m:ss | Send the time behind the fastest at the current sector. (Do not send for leader) |
| TEAM | | LEG | S(1) | Pos Description: Leg, A, B, C, D Element Expected: Team events only when each leg is completed. |
| | Attribute | M/O | Value | Description |
| | Value | O | mm:ss | Time within this leg. Do not send leading zero. |
| | Value2 | O | h:mm:ss | Team Time after this leg (cumulative). Do not send leading zero hours or leading zeros in minutes under 10. |
| | IRM | O | SC @IRM | IRM for this leg if applicable |
| | Rank | O | S(3) | Rank in this leg. |
| | RankEqual | O | S(1) | Send "Y" if rank is equalled, otherwise do not send. |
| | SortOrder | M | Numeric | Index based on rank |
| | Move | O | Numeric +##0 or -##0 or 0 | Change in rank compared to the rank at the previous leg. For example if one competitor is moving from rank =9 to rank =15 then Move is -6. Only send at the end of each leg (2,3,4) |
| SUMMARY | | CC @Segment | N/A | Element Expected: Individual events when the athlete has completed the segment. |
| | Attribute | M/O | Value | Description |
| | Value | O | mm:ss | Time within this segment. Do not send leading zeros in minutes under 10. |
| | Value2 | O | h:mm:ss | Time after this segment (cumulative). Do not send leading zero hours or leading zeros in minutes under 10. |
| | IRM | O | SC @IRM | IRM for this segment if applicable |
| | Rank | O | S(3) | Rank in this segment (not cumulative) |
| | RankEqual | O | S(1) | Send "Y" if rank is equalled, otherwise do not send. |
| | SortOrder | M | Numeric | Index based on rank. |
| | Move | O | Numeric +##0 or -##0 or 0 | Change in rank compared to the rank at the previous leg. For example if one competitor is moving from rank =9 to rank =15 then Move is -6. |
| ER | | REAL_TIME | N/A | Element Expected: In Para-Triathlon where athletes start at different times. |
| | Attribute | M/O | Value | Description |



| | | | | |
|----|------------------|---------------|--------------|--|
| | Value | M | h:mm:ss | Send competitor real overall swim+bike+run time without the starting delay. Note that all other times in the messages are the times compared to the first start time. |
| ER | | COMPENSATION | N/A | Element Expected: In Para-Triathlon where athletes start at different times. |
| | Attribute | M/O | Value | Description |
| | Value | M | +m:ss | Compensation time. |
| ER | | DRAFT_PENALTY | N/A | Element Expected: In Para-Triathlon Only for competitors who receive a drafting penalty. |
| | Attribute | M/O | Value | Description |
| | Value | M | S(1) | Send Y if competitor receives a drafting penalty |
| ER | | PENALTY | Numeric 0 | Pos Description: The number of the penalty received (1..) Element Expected: If applicable in all events |
| | Attribute | M/O | Value | Description |
| | Value | M | S(1) | Send Y (Yellow) or R (Red) for a penalty as appropriate |
| | Value2 | O | S(1) | Send S if it is a time penalty and time has been served Send N if it is a time penalty and has not been served. Do not send if not a time penalty |

Sample (General)

```
<ExtendedResults>
<ExtendedResult Type="SWIM" Code="INTERMEDIATE" Pos="1" Value="9:00" Rank="30" SortOrder="30" Diff="+1:07" />
<ExtendedResult Type="SWIM" Code="LAP" Pos="1" Value="9:00" Rank="30" Diff="+1:07" />
<ExtendedResult Type="SWIM" Code="SECTOR" Pos="1" Value="9:00" Rank="30" SortOrder="30" Diff="+1:07" />
<ExtendedResult Type="SWIM" Code="INTERMEDIATE" Pos="2" Value="17:56" Rank="28" SortOrder="28" Diff="+1:22" />
<ExtendedResult Type="SWIM" Code="LAP" Pos="2" Value="8:56" Rank="14" Diff="+0:15" />
<ExtendedResult Type="SWIM" Code="SECTOR" Pos="2" Value="17:56" Rank="28" SortOrder="28" Diff="+1:22" />
<ExtendedResult Type="TRANS1" Code="INTERMEDIATE" Pos="1" Value="18:18" Rank="27" SortOrder="27" Diff="+1:02" />
<ExtendedResult Type="TRANS1" Code="SECTOR" Pos="1" Value="0:22" Rank="9" SortOrder="9" Diff="+0:04" />
<ExtendedResult Type="BIKE" Code="INTERMEDIATE" Pos="1" Value="28:31" Rank="29" SortOrder="29" Diff="+1:02" />
<ExtendedResult Type="BIKE" Code="LAP" Pos="1" Value="10:13" Rank="26" Diff="+0:22" />
<ExtendedResult Type="BIKE" Code="SECTOR" Pos="1" Value="10:13" Rank="26" SortOrder="26" Diff="+0:22" />
<ExtendedResult Type="BIKE" Code="INTERMEDIATE" Pos="2" Value="38:17" Rank="27" SortOrder="27" Diff="+1:03" />
<ExtendedResult Type="BIKE" Code="LAP" Pos="2" Value="9:46" Rank="9" Diff="+0:07" />
<ExtendedResult Type="BIKE" Code="SECTOR" Pos="2" Value="19:59" Rank="9" SortOrder="9" Diff="+0:29" />
</ExtendedResults>
```

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

Competitor related to the result of one event unit.

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



| | | | |
|--------------|---|----------------------------------|---------------------------|
| Type | M | S(1) | A for athlete, T for Team |
| Bib | O | S(4) | Bib of the Team (Type=T) |
| Organisation | O | CC @Organisation | Competitor's organisation |

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

Competitors extended information.

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

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

| Attribute | M/O | Value | Description |
|------------|-----|------------------------------|---|
| Code | M | S(20) with no leading zeroes | Athlete's ID. Can belong to a team member or an individual athlete. |
| Order | M | Numeric 0 | 1 if Competitor @Type="A". 1-4 for team event (race order) |
| StartOrder | O | S(1) | In team relay provide the leg code (A, B..) |
| Bib | O | S(4) | Bib number (race number) |

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

Athletes extended information.

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

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

Individual athletes entry information.

| Type | Code | Pos | Description |
|------|------------------|------------|--|
| EUE | RANK | N/A | Element Expected: Always when available |
| | Attribute | M/O | Value |
| | Value | M | Numeric ###0 |
| EUE | START_TIME | N/A | Element Expected: |



| | | | | If athletes start at different times (usually only Para Triathlon) |
|-----------|-----|----------|----------------------------|--|
| Attribute | M/O | Value | Description | |
| Value | M | hh:mm:ss | Send competitor start time | |

Sample (General)

```

..
<Competitor Code="1106825" Type="A" Organisation="NOC" Bib="4">
  <Composition>
    <Athlete Code="1106825" Order="1">
      <Description GivenName="Jay" FamilyName="Sab" Gender="M" Organisation="SUI" BirthDate="1996-12-12" />
      <EventUnitEntry Type="EUE" Code="RANK" Value="9" />
    </Athlete>
  </Composition>
..

```

| Element: Competition /Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult (1,N) | | | | |
|---|--------------|----------------|--|--|
| Only for use in the team event | | | | |
| Type | Code | Pos | Description | |
| ER | PENALTY | N/A | Element Expected: Only for athletes in team event who receive penalties. | |
| Attribute | M/O | Value | Description | |
| Value | M | S(2) | Send number of penalties given (eg. 1P) | |
| SC @Segment | INTERMEDIATE | S(2) | Pos Description: Intermediate point in the segment as defined in DT_CONFIG (1,2..F) Element Expected: Send each intermediate point for ALL athletes as soon as the first athlete crosses each intermediate point. (either all athletes have the intermediate point or none) In team events | |
| Attribute | M/O | Value | Description | |
| Value | O | m:ss or '-' | Cumulative time for this athlete (only this athlete, not for team) in the leg at the intermediate point. Do not send leading zeros. Send "-" if competitor passed this point and no data available. Send when this athlete passes the intermediate point. | |
| Rank | O | S(3) | Send the cumulative rank of the athlete at the intermediate point. Do not send if no value. | |
| RankEqual | O | S(1) | Send 'Y' if rank is equalled, otherwise do not send. | |
| SortOrder | M | Numeric | Based on rank. Index based on whole list (with the ones who have not reached the end of the intermediate point 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). | |



| | | | | |
|-------------|------------------|-------------------|-------------------|--|
| | Diff | O | +m:ss | Send the time behind the fastest at the intermediate point. (Do not send for the leader) |
| SC @Segment | | TEAM_INTERMEDIATE | S(2) | Pos Description: Intermediate point in the segment Element Expected: When it is available in team events |
| | Attribute | M/O | Value | Description |
| | Value | M | h:mm:ss or '-' | Cumulative time for the team in the leg at the intermediate point. Do not send leading zeros. Send '-' if competitor passed this point and no data available. |
| | Diff | O | +m:ss | Send the time behind the leading team at the intermediate point. (Do not send for the leader) |
| CC @Segment | | SECTION | S(2) | Pos Description: Intermediate no. as defined in DT_CONFIG. Element Expected: Send each section point for ALL athletes as soon as the first athlete crosses each point. (either all athletes have the section point or none) In team events. |
| | Attribute | M/O | Value | Description |
| | Value | O | m:ss or '-' | Time elapsed in current segment. Send "-" if competitor passed this point and no data available. Send when this athlete completes the section. |
| | Rank | O | S(3) | Rank of the competitor in the section. |
| | RankEqual | O | S(1) | Send 'Y' if rank is equaled, otherwise do not send. |
| | SortOrder | M | Numeric | Index based on whole list (with the ones who have not reached the end of the intermediate point 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). |

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.

This message is only available for broadcast services.

All competitors should always be included in the message.

2.3.4.2 Header Values

The following table describes the message header attributes.

| Attribute | Value | Comment |
|-----------------|---------------------------------|---|
| CompetitionCode | CC @Competition | Unique ID for competition |
| DocumentCode | Full RSC of the unit (ind only) | |
| DocumentSubcode | N/A | N/A |
| DocumentType | DT_CURRENT | Current message |
| DocumentSubtype | N/A | N/A |
| Version | 1..V | Version number associated to the message's content. Ascending 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. See full explanation in ODF Foundation. |
| Source | SC @Source | Code indicating the system which generated the message. |

2.3.4.3 Trigger and Frequency

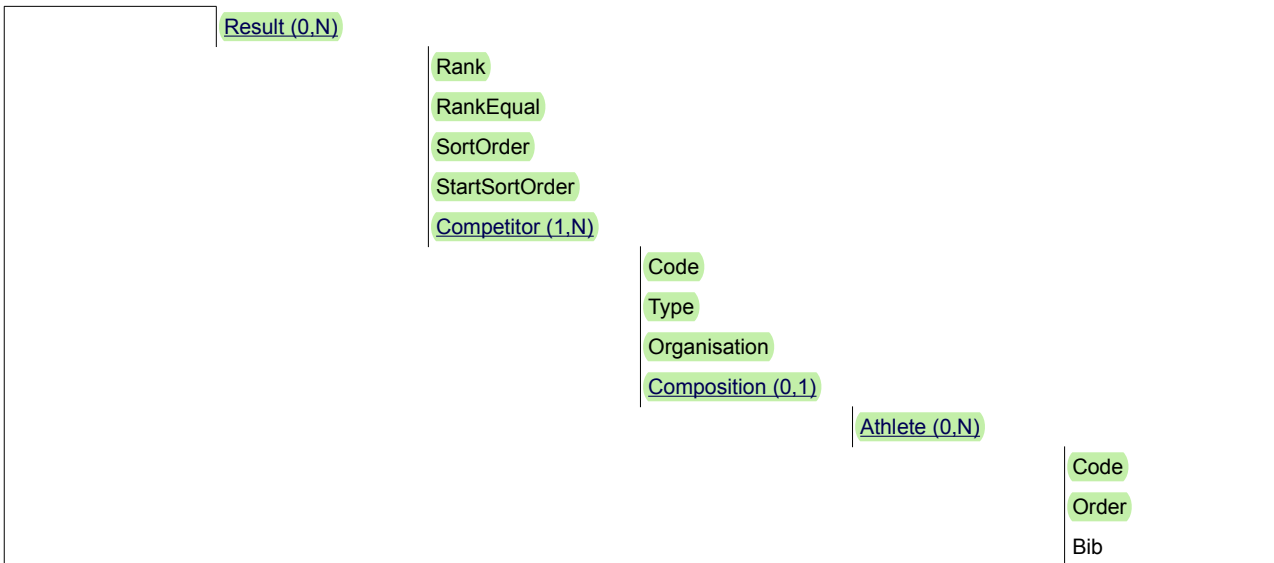
* As soon as the data is available after cycling leg and updated as it changes.

* Stop send the message after the first three competitors finish the race.

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 |
|-------------------|---------|---------|---------|---------|---------|
| Competition (0.1) | Gen | | | | |
| | Sport | | | | |
| | Codes | | | | |



2.3.4.5 Message Values

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

| Element: Competition /Result (0,N) | | | |
|------------------------------------|-----|------------|--|
| Attribute | M/O | Value | Description |
| Rank | O | Numeric #0 | Predicted final rank of the athlete in the race. |
| RankEqual | O | S(1) | Identifies if a predicted rank is equal. Send Y if applicable |
| SortOrder | M | Numeric #0 | This attribute is a sequential number with the start order of the competitors in the unit. |
| StartSortOrder | M | Numeric #0 | Used to sort all start list competitors in an event unit. |

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



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

2.3.4.6 Message Sort

Sort by Result @SortOrder.



2.3.5 Play by Play

2.3.5.1 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.

2.3.5.2 Header Values

The following table describes the message header attributes.

| Attribute | Value | Comment |
|-----------------|----------------------------------|---|
| CompetitionCode | CC @Competition | Unique ID for competition |
| DocumentCode | CC @Unit | Full RSC of the unit |
| DocumentSubcode | N/A | N/A |
| DocumentType | DT_PLAY_BY_PLAY | Play by Play message |
| DocumentSubtype | INCIDENT | |
| Version | 1..V | Version number associated to the message's content. Ascending number |
| ResultStatus | CC @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) 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. See full explanation in ODF Foundation. |
| Source | SC @Source | Code indicating the system which generated the message. |

2.3.5.3 Trigger and Frequency

Messages will be generated with this frequency and status

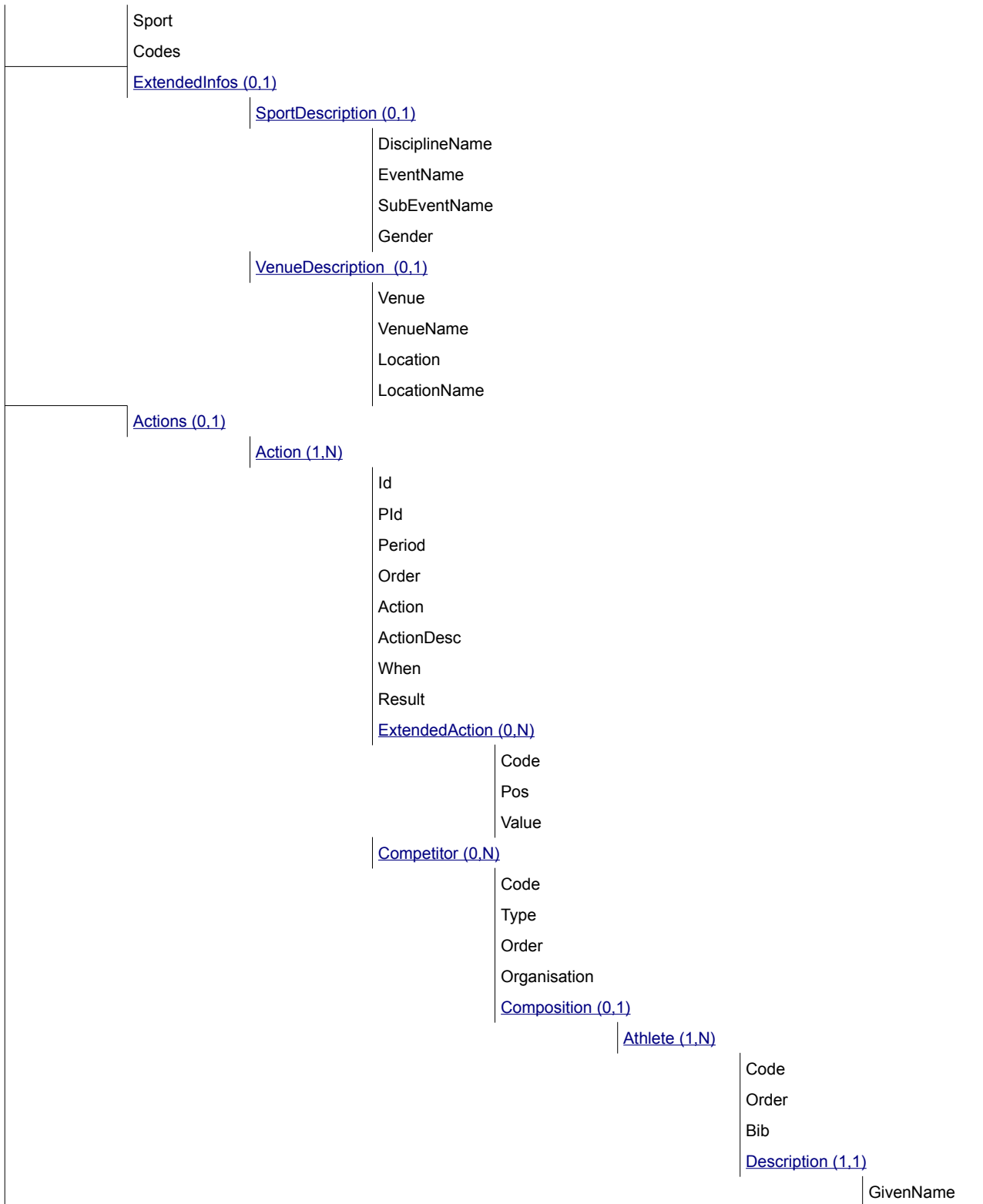
* After every race incident (LIVE)(UNOFFICIAL if any new incident after race and before results be official)

* After the race (unit) (OFFICIAL).

2.3.5.4 Message Structure

The following table defines the structure of the message.

| Level 1 | Level 2 | Level 3 | Level 4 | Level 5 | Level 6 | Level 7 | Level 8 |
|-----------------------------------|---------|---------|---------|---------|---------|---------|---------|
| Competition (0.1) | | | | | | | |
| | Gen | | | | | | |





| | |
|--|-----------------|
| | FamilyName |
| | Gender |
| | Organisation |
| | BirthDate |
| | IFId |
| | Class |
| | GuideID |
| | GuideFamilyName |
| | GuideGivenName |

2.3.5.5 Message Values

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

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

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

| Element: Competition /Actions /Action (1,N) | | | |
|---|-----|-------|--|
| Attribute | M/O | Value | Description |
| Id | M | S(36) | Unique identifier for the action within the message. When the identifier is assigned for an action in a unit then it must not change within the same unit in subsequent |



| | | | |
|------------|---|-----------------------------|---|
| | | | messages. |
| PId | O | S(36) | Related Action |
| Period | M | SC @Segment | Send the segment in which the incident occurred or in the case of no applicable segment send the attribute empty. |
| Order | M | Numeric | Unique sequential number for all the incidents and actions, from 1 to n |
| Action | O | SC @Action | Send action code. |
| ActionDesc | O | S(200) | Action/Incident description in ENG. |
| When | O | S(10) | Send the lap information when available (if laps applicable) |
| Result | O | SC @IRM | Send IRM if applicable which is the result of the action |

Element: Competition /Actions /Action /ExtendedAction (0,N)

Extended Action information.

| Type | Code | Pos | Description |
|-----------|------|-------|---|
| | LEG | N/A | Element Expected: Always when available in Teams Event |
| Attribute | M/O | Value | Description |
| Value | M | S(1) | Send the applicable leg number |

Element: Competition /Actions /Action /Competitor (0,N)

Competitor participating in the Action. Used when the Action 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. Send 1 if only 1 competitor. |
| Organisation | M | CC @Organisation | Competitors' organisation |

Element: Competition /Actions /Action /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. Send 1 if only 1 competitor. |
| Bib | O | S(4) | Bib number (race number) |

Element: Competition /Actions /Action /Competitor /Composition /Athlete /Description (1,1)

Athletes extended information

| Attribute | M/O | Value | Description |
|------------|-----|-------|---|
| GivenName | O | S(25) | Given name in WNPA format (mixed case) |
| FamilyName | M | S(25) | Family name in WNPA format (mixed case) |



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

Sample (General)

```
<ExtendedInfos>
  <SportDescription DisciplineName="Triathlon" EventName="Women's Triathlon" SubEventName="Women's Triathlon"
  Gender="W" />
  <VenueDescription Venue="HLL" VenueName="The Hill" Location="MLL" LocationName="The Hill"/>
</ExtendedInfos>
<UnitActions>
....
<UnitAction Id="123456" Period="Ride" When="1st" Order="3" ActionDesc="Competitors 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>

```

2.3.5.6 Message Sort

Actions /Action @Order.



2.3.6 Image

2.3.6.1 Description

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

Each message contains only one photofinish picture.

Multiple messages may be sent for the same DocumentCode (a single race [RSC]) when more than one photofinish cases/photos occur in the same race depending on the circumstances of the unit/race.

2.3.6.2 Header Values

The following table describes the message header attributes.

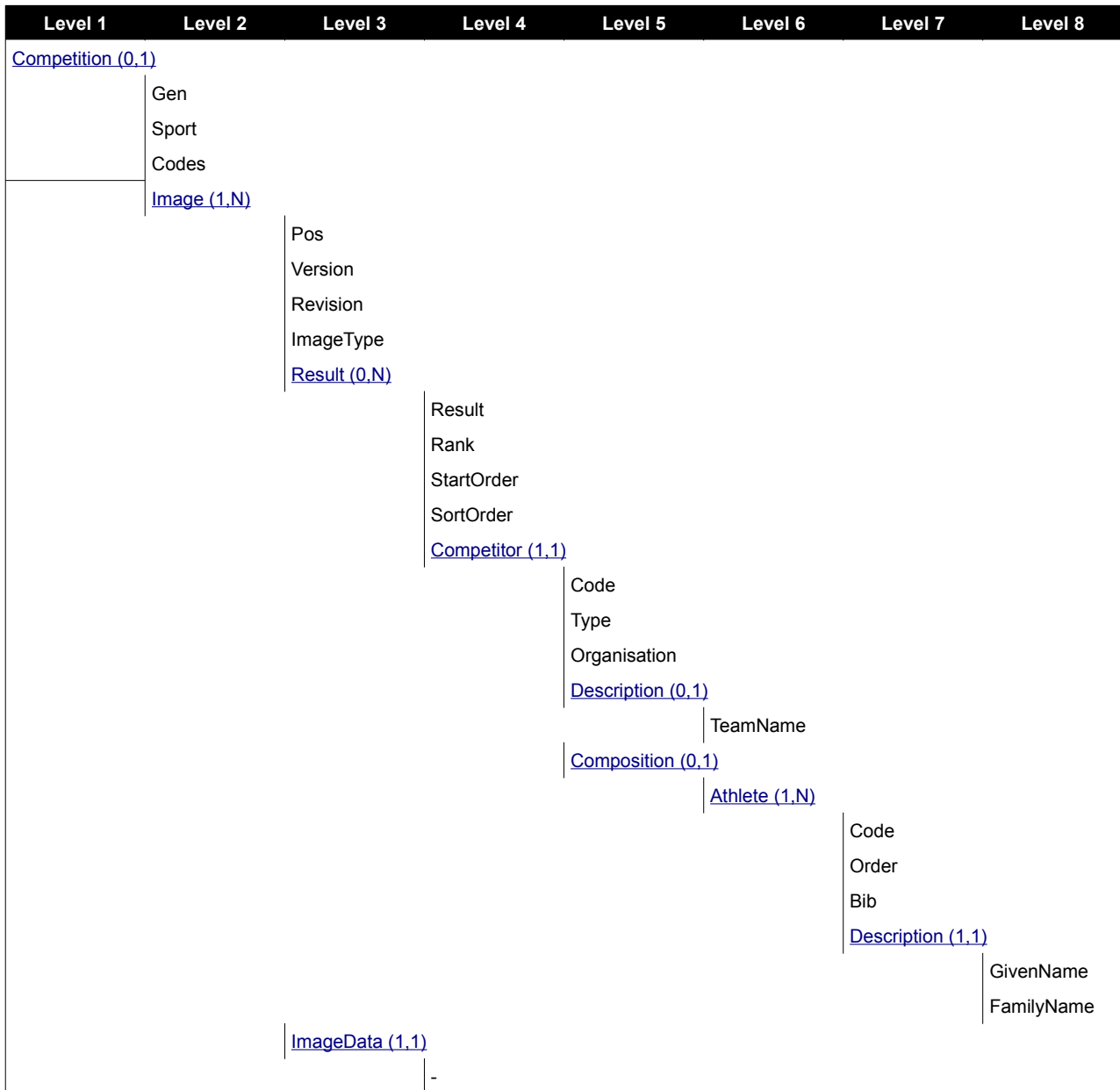
| Attribute | Value | Comment |
|-----------------|----------------------------------|--|
| CompetitionCode | CC.@Competition | Unique ID for competition |
| DocumentCode | CC.@Unit | Full RSC of the unit |
| DocumentSubcode | Numeric #0 | Picture number This value is a sequential number for each picture provided in a unit (RSC). The value will be 1, 2, 3 ... Where there is only one image related to the DocumentCode then the value 1 is sent. 2, 3 etc. are used if additional images (ranks to be resolved) are sent for the same DocumentCode. |
| DocumentType | DT_IMAGE | Image message |
| DocumentSubtype | S(20) | Send PHOTOFINISH |
| Version | 1..V | Version number associated to the message's content. Ascending number. Values beyond 1 are only used if a message needs to be resent for a second or subsequent image/result with the same DocumentSubcode to replace the original image (to resolve the same rank). |
| ResultStatus | CC.@ResultStatus | Only applicable status is OFFICIAL |
| FeedFlag | "P"-Production "T"-Test | Test message or production message. |
| Date | Date | Date when the message is generated, expressed in the local time zone where the message was produced. |
| Time | Time | Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced. |
| LogicalDate | Date | Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight. See full explanation in ODF Foundation. |
| Source | SC.@Source | Code indicating the system which generated the message. |

2.3.6.3 Trigger and Frequency

Trigger when image available and after any change.

2.3.6.4 Message Structure

The following table defines the structure of the message.



2.3.6.5 Message Values

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



| Element: Competition /Image (1,N) | | | |
|------------------------------------|-----|------------|----------------------------------|
| Always only one image per message. | | | |
| Attribute | M/O | Value | Description |
| Pos | M | Numeric #0 | Always send 1 |
| Version | M | Numeric #0 | Document Version |
| Revision | M | Numeric #0 | Document Revision |
| ImageType | M | S(3) | Image type extension, jpg or png |

| Element: Competition /Image /Result (0,N) | | | |
|--|-----|--------------|---|
| This element should always appear and must only include the information of those competitors appearing in the image. | | | |
| Attribute | M/O | Value | Description |
| Result | O | S(20) | Result of the competitor in the image at the end of the unit. Formatted in the same was as associated DT_RESULT. Use IRM code if appropriate. |
| Rank | O | Text | Rank of the competitor at the end of the unit |
| StartOrder | O | S(4) | Start or lane position This value is expected if it is included in DT_RESULT |
| SortOrder | M | Numeric ###0 | This attribute is a sequential number with the order of the competitors in the image. |

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

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

| Element: Competition /Image /Result /Competitor /Composition /Athlete (1,N) | | | |
|---|-----|------------------------------|-------------------|
| Only sent in the case of individual events. Team members are not sent in team events. | | | |
| Attribute | M/O | Value | Description |
| Code | M | S(20) with no leading zeroes | Athlete's ID. |
| Order | M | Numeric 0 | Value is 1 |
| Bib | O | S(4) | Bib (race number) |

| Element: Competition /Image /Result /Competitor /Composition /Athlete /Description (1,1) | | | |
|--|--|--|--|
|--|--|--|--|



| Attribute | M/O | Value | Description |
|------------|-----|-------|--------------------------------|
| GivenName | O | S(25) | Given name (Photofinish Name) |
| FamilyName | M | S(25) | Family name (Photofinish Name) |

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

Sample (General)

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

2.3.6.6 Message Sort

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



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.

2.3.7.2 Header Values

The following table describes the message header attributes.

| Attribute | Value | Comment |
|-----------------|----------------------------------|---|
| CompetitionCode | CC_@Competition | Unique ID for competition |
| DocumentCode | CC_@Event | Full RSC of the Event |
| DocumentType | DT_RANKING | Event Final ranking message |
| Version | 1.V | Version number associated to the message's content. Ascending number |
| ResultStatus | CC_@ResultStatus | Result status, indicates whether the data is official. 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. See full explanation in ODF Foundation. |
| Source | SC_@Source | Code indicating the system which generated the message. |

2.3.7.3 Trigger and Frequency

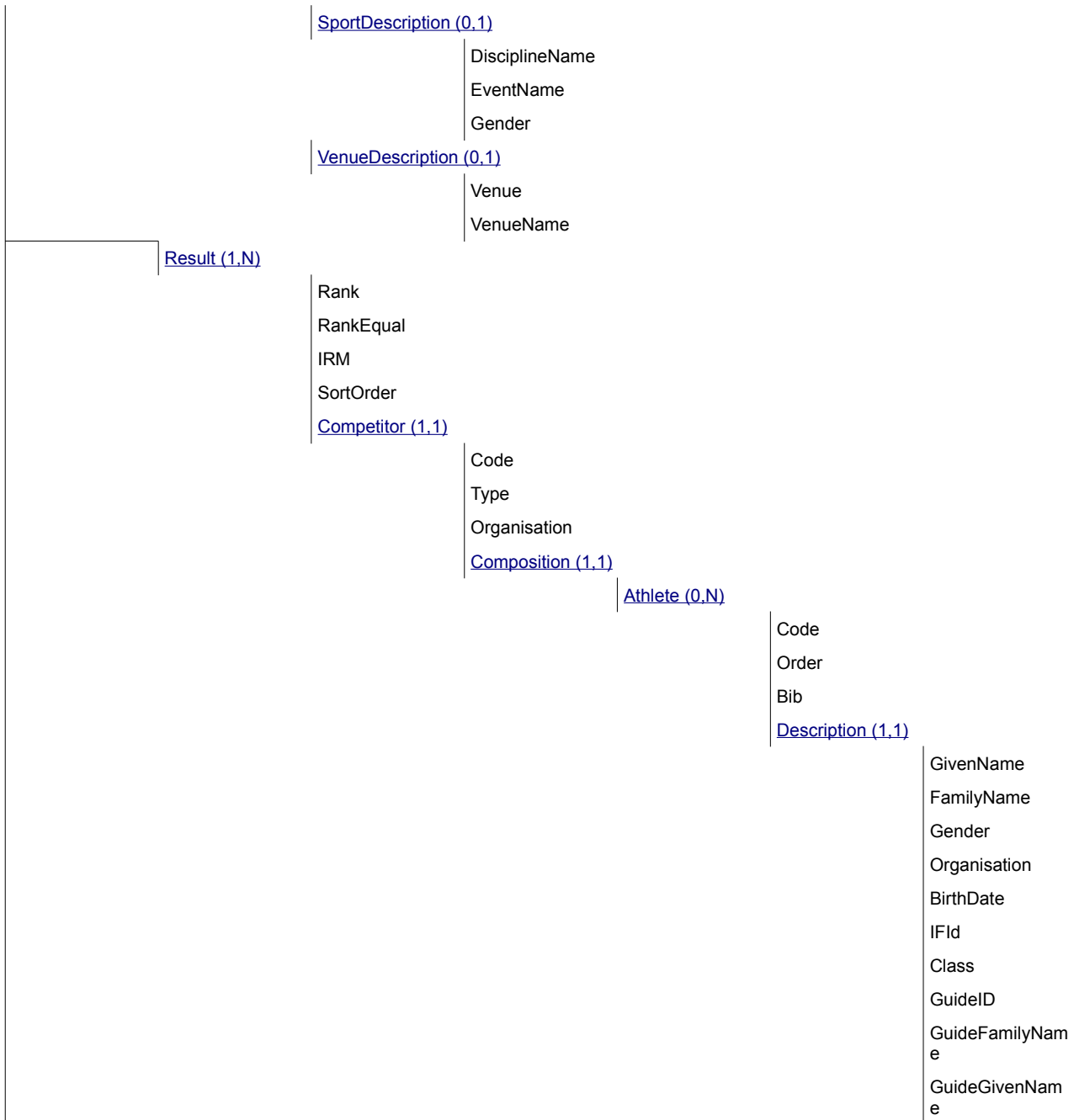
This message is only triggered after a unit which affects the final ranking is official and that particular ranking is not subject to change or some ranking in that unit are not subject to change.

Trigger also after any 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 |
|-----------------------------------|-------------------------------------|---------|---------|---------|---------|---------|
| Competition (0.1) | | | | | | |
| | Gen | | | | | |
| | Sport | | | | | |
| | Codes | | | | | |
| | ExtendedInfos (0.1) | | | | | |



2.3.7.5 Message Values

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



| | | | |
|-------|---|-------|--|
| | | | message |
| Sport | O | S(20) | Version of the Sport Data Dictionary applicable to the message |
| Codes | O | S(20) | Version of the Codes applicable to the message |

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

Sport Description in text

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

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

Venue Names in text

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

Element: Competition /Result (1,N)

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

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

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

Competitor related to one final event result.

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

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

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



| | | | |
|-----|---|------|-----------------------------------|
| | | | Send 1 when Competitor @Type='A'. |
| Bib | O | S(4) | Bib (race number) |

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

2.3.7.6 Message Sort

Sort by Result @SortOrder



2.3.8 Configuration

2.3.8.1 Description

The Configuration is a message containing general configuration.

Send before the competition for each unit in separate messages.

2.3.8.2 Header Values

The following table describes the message header attributes.

| Attribute | Value | Comment |
|-----------------|---------------------------------|---|
| CompetitionCode | CC @Competition | Unique ID for competition |
| DocumentCode | CC @Unit | Full RSC of the unit, send this message for each Unit. |
| DocumentType | DT_CONFIG | Configuration message |
| Version | 1..V | Version number associated to the message's content. Ascending 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. See full explanation in ODF Foundation. |
| Source | SC @Source | 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 sending one message for each unit.

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

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 |
|-----------------------------------|-------------------------------|------------------------------|---------|---------|---------|
| Competition (0,1) | Gen | | | | |
| | Sport | | | | |
| | Codes | | | | |
| | Configs (1,1) | | | | |
| | | Config (1,N) | | | |
| | | | | | Unit |



| | |
|--|--|
| | ExtendedConfig (1,N) Type Code Pos Value ExtendedConfigItem (0,N) |
|--|--|

2.3.8.5 Message Values

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

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

| Element: Competition /Configs /Config /ExtendedConfig (1,N) | | | | |
|---|------------------|--------------|--|--|
| Type | Code | Pos | Description | |
| COURSE | CC @Segment | Numeric 0 | Pos Description: Send the segment number from the start. The normal order is swim (Pos#1), transition1, bike, transition2 and finally run with Pos#5. In teams this is 1, 2 .. over all segments/legs. In case of duathlon the order is run (Pos #1), transition1, bike, transition2, run(Pos #5). For the team event this is for each leg. Element Expected: Always | |
| | Attribute | M/O | Value | Description |
| | Value | O | Numeric ##0.## (ride, run) or ###0 (swim) | Distance in metres for the swim. The distance in km of the ride and run segments. Do not send for transitions |
| Sub Element: Competition /Configs /Config /ExtendedConfig /ExtendedConfigItem Expected In team Relay only | | | | |
| | Attribute | Value | Description | |
| | Code | LEG | | |
| | Pos | Numeric 0 | Leg order in the team event, 1.. | |
| | Value | S(1) | Send the letter associated to the leg | |



| Sub Element: Competition /Configs /Config /ExtendedConfig /ExtendedConfigItem Expected Always when applicable | | | |
|--|---|--|--|
| Attribute | Value | Description | |
| Code | INTERMEDIATE | | |
| Pos | S(2) | Each intermediate point in the segment where results are taken starting at 1 in each segment and F for the last in the segment. | |
| Value | Numeric ##0.## (ride, run) or ###0 (swim) | Send distance at this intermediate point from the start of the segment. For swim use metres, for ride and run use km Always use the same number of decimals within a segment | |
| Sub Element: Competition /Configs /Config /ExtendedConfig /ExtendedConfigItem Expected Always if laps | | | |
| Attribute | Value | Description | |
| Code | LAP | | |
| Pos | Numeric 0 | Lap number | |
| Value | Numeric #0 | Send the number of the intermediate point corresponding with this lap within the segment | |
| Sub Element: Competition /Configs /Config /ExtendedConfig /ExtendedConfigItem Expected Always when applicable | | | |
| Attribute | Value | Description | |
| Code | LAP_DISTANCE | | |
| Pos | Numeric #0 | This is the lap number. The value is ONLY included if laps in a segment are different distances | |
| Value | Numeric ##0.0## | Send the distance in km for each lap within the segment. | |
| Sub Element: Competition /Configs /Config /ExtendedConfig /ExtendedConfigItem Expected When laps | | | |
| Attribute | Value | Description | |
| Code | LAPS | | |
| Pos | N/A | N/A | |
| Value | Numeric #0 | Number of laps in the segment | |
| Sub Element: Competition /Configs /Config /ExtendedConfig /ExtendedConfigItem Expected Always when applicable | | | |
| Attribute | Value | Description | |
| Code | INTERMEDIATE_ALL | | |
| Pos | N/A | N/A | |
| Value | S(2) | Pos of each intermediate considering all intermediate points ignoring legs and segments (1, 2, F) | |
| EC | FED_RANKING_DATE | N/A | Element Expected: If information is available |
| Attribute | M/O | Value | Description |
| Value | M | YYYY-MM-DD | |

Sample (Sample (with 2 intermediates per lap in run))



```
<Configs>
  <Config>
    <ExtendedConfig Type="EC" Code="FED_RANKING_DATE" Value="2020-07-15" />
    <ExtendedConfig Type="COURSE" Code="SWIM" Pos="1" Value="1.5" >
      <ExtendedConfigItem Code="LAP_DISTANCE" Value="0.5" />
      <ExtendedConfigItem Code="LAPS" Value="3" />
      <ExtendedConfigItem Code="LAP" Pos="1" Value="1" />
    ...
  </ExtendedConfig>
  <ExtendedConfig Type="COURSE" Code="TRANS1" Pos="2" />
  <ExtendedConfig Type="COURSE" Code="BIKE" Pos="3" Value="40.0" >
    <ExtendedConfigItem Code="LAP_DISTANCE" Value="10.0" />
    <ExtendedConfigItem Code="LAPS" Value="4" />
    <ExtendedConfigItem Code="LAP" Pos="1" Value="1" />
  ...
  </ExtendedConfig>
  <ExtendedConfig Type="COURSE" Code="TRANS2" Pos="4" />
  <ExtendedConfig Type="COURSE" Code="RUN" Pos="5" Value="10.0" >
    <ExtendedConfigItem Code="LAP_DISTANCE" Value="2.5" />
    <ExtendedConfigItem Code="LAPS" Value="4" />
    <ExtendedConfigItem Code="LAP" Pos="1" Value="2" />
    <ExtendedConfigItem Code="LAP" Pos="2" Value="4" />
    <ExtendedConfigItem Code="LAP" Pos="3" Value="6" />
    <ExtendedConfigItem Code="LAP" Pos="4" Value="8" />
    <ExtendedConfigItem Code="INTERMEDIATE" Pos="1" Value="1.25" />
    <ExtendedConfigItem Code="INTERMEDIATE" Pos="2" Value="2.5" />
    <ExtendedConfigItem Code="INTERMEDIATE" Pos="3" Value="3.75" />
    <ExtendedConfigItem Code="INTERMEDIATE" Pos="4" Value="5.0" />
    <ExtendedConfigItem Code="INTERMEDIATE" Pos="5" Value="6.25" />
    <ExtendedConfigItem Code="INTERMEDIATE" Pos="6" Value="7.5" />
    <ExtendedConfigItem Code="INTERMEDIATE" Pos="7" Value="8.75" />
    <ExtendedConfigItem Code="INTERMEDIATE" Pos="F" Value="10.0" />
  </ExtendedConfig>
</Config>
```

Sample (Sample (Teams))



```
<ExtendedConfig Type="COURSE" Code="SWIM" Pos="1" Value="0.25" >
  <ExtendedConfigItem Code="LEG" Pos="1" Value="A" />
</ExtendedConfig>
<ExtendedConfig Type="COURSE" Code="TRANS1" Pos="2">
  <ExtendedConfigItem Code="LEG" Pos="1" Value="A" />
</ExtendedConfig>
<ExtendedConfig Type="COURSE" Code="BIKE" Pos="3" Value="7.0" >
  <ExtendedConfigItem Code="LEG" Pos="1" Value="A" />
  <ExtendedConfigItem Code="LAP_DISTANCE" Value="3.5" />
  <ExtendedConfigItem Code="LAPS" Value="2" />
</ExtendedConfig>
<ExtendedConfig Type="COURSE" Code="TRANS2" Pos="4">
  <ExtendedConfigItem Code="LEG" Pos="1" Value="A" />
</ExtendedConfig>
<ExtendedConfig Type="COURSE" Code="RUN" Pos="5" Value="1.5" >
  <ExtendedConfigItem Code="LEG" Pos="1" Value="A" />
</ExtendedConfig>
<ExtendedConfig Type="COURSE" Code="SWIM" Pos="6" Value="0.25" >
  <ExtendedConfigItem Code="LEG" Pos="1" Value="B" />
</ExtendedConfig>
<ExtendedConfig Type="COURSE" Code="TRANS1" Pos="7">
  <ExtendedConfigItem Code="LEG" Pos="1" Value="B" />
</ExtendedConfig>
<ExtendedConfig Type="COURSE" Code="BIKE" Pos="8" Value="7.0" >
  <ExtendedConfigItem Code="LEG" Pos="1" Value="B" />
  <ExtendedConfigItem Code="LAP_DISTANCE" Value="3.5" />
  <ExtendedConfigItem Code="LAPS" Value="2" />
..
```

2.3.8.6 Message Sort

There is no message sorting rule.



2.3.9 Weather conditions

2.3.9.1 Description

The weather conditions is a message containing the current weather conditions in the venue.

2.3.9.2 Header Values

The following table describes the message header attributes.

| Attribute | Value | Comment |
|-----------------|---------------------------------|---|
| CompetitionCode | CC_@Competition | Unique ID for competition |
| DocumentCode | CC_@Discipline | Full RSC at discipline level |
| DocumentSubcode | CC_@Location | Location code (Venue Level) |
| DocumentType | DT_WEATHER | Weather conditions in the match message |
| Version | 1..V | Version number associated to the message's content. Ascending 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. See full explanation in ODF Foundation. |
| Source | SC_@Source | Code indicating the system which generated the message. |

2.3.9.3 Trigger and Frequency

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

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 |
|-----------------------------------|-------------------------------|----------------------------------|----------------|---------|
| Competition (0,1) | Gen | | | |
| | Sport | | | |
| | Codes | | | |
| | Weather (1,1) | Date | | |
| | | Conditions (1,N) | | |
| | | | Code | |
| | | | Humidity | |
| | | | Wind_Direction | |



| | | |
|--|-----------------------------------|-------|
| | Condition (0,3) | Code |
| | | Value |
| | Temperature (0,N) | Code |
| | | Unit |
| | | Value |

2.3.9.5 Message Values

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

| Element: Competition /Weather (1,1) | | | |
|-------------------------------------|-----|----------|-----------------------------|
| Attribute | M/O | Value | Description |
| Date | M | DateTime | Date/time of the conditions |

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

| Element: Competition /Weather /Conditions /Condition (0,3) | | | |
|--|-----|--|---|
| Attribute | M/O | Value | Description |
| Code | M | SKY WATER | Weather conditions type Use WATER for water quality (only sent if available) |
| Value | M | CC @WeatherConditions SC @WaterQual | Codes that describe the Weather Condition. Use SC@WaterQual for code = WATER |

| Element: Competition /Weather /Conditions /Temperature (0,N) | | | |
|--|-----|-------------------------------------|------------------------------------|
| Attribute | M/O | Value | Description |
| Code | M | AIR, WATER | Air and water temperature |
| Unit | M | SC @TemperatureUnit | Metric system unit for temperature |



| | | | |
|-------|---|------------------------------|--|
| Value | M | Numeric ##0.0 or ##0.0 | Temperature in centigrade degrees (in case of positive temperature, do not send '+') |
|-------|---|------------------------------|--|

2.3.9.6 Message Sort

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



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3 Message Timeline

Legend:

D Discipline; **E** Event; **P** Phase; **S** Session; **U** Unit
x Sent on that level; **o** Includes info from that level



4 Document Control

| Version history | | |
|-----------------|-------------|------------------------------|
| Version | Date | Comments |
| v1.0 | 15 Oct 2016 | First version |
| V1.1 | 9 Jan 2017 | Change to SFA |
| V1.2 | 2 Mar 2017 | Updated |
| V1.3 | 17 May 2017 | Updated |
| V1.4 | 21 Jun 2017 | Updated |
| V1.5 | 8 Oct 2017 | Updated |
| V1.6 | 25 Oct 2017 | Updated |
| V1.7 | 20 Feb 2018 | Updated |
| V2.0 | 8 Aug 2018 | Updated |
| V2.1 | 24 Jan 2019 | Updated |
| V2.2 | 14 Aug 2019 | Updated |
| V2.3 | 11 Nov 2019 | Updated ORIS CR18241 |
| V2.4 | 10 Dec 2019 | Updated |
| V2.5 | 16 Jan 2020 | Updated, editorial |
| V2.6 | 13 Mar 2020 | Updated, CR19041 |
| V2.7 | 3 Apr 2020 | Updated, CR18565 |
| V3.0 | 7 Jan 2022 | First version for Paris 2024 |
| V3.01 | 14 Apr 2022 | Add DT_CURRENT |

File Reference: SOG-2024-TRI-3.01 SFA

| Change Log | | |
|------------|--------|--|
| Version | Status | Changes on version |
| v1.0 | SFR | First version |
| V1.1 | SFA | Status change only |
| V1.2 | APP | DT_RESULT: Remove StartListMod in the header DT_IMAGE: Added elements and attributes. |
| V1.3 | APP | DT_RESULT: Update extensions in ExtendedResults and EventUnitEntry for Para Triathlon for consistency with other sports |
| V1.4 | APP | DT_RESULT: START_TIME should be with hours also (typographical error). DT_RESULT: In ExtendedResults add COMPENSATION (for Para Triathlon) |
| V1.5 | APP | DT_RESULT: Correct typographical error in one sample |
| V1.6 | APP | DT_RESULT: Add leg letter for team relay. Corrected typo for INTERMEDIATE under athlete DT_CONFIG: Add leg association to the course segments and corrected typos in the sample |
| V1.7 | APP | DT_CONFIG: Added sample for Teams Typographical corrections DT_PARTIC: Updated to add Passport names (CR15219) Removed reference to 2018 Commonwealth Games |
| V2.0 | SFA | DT_PARTIC: Add ENTRY/QUAL_PTS DT_PARTIC: Add ENTRY/QUAL_RANK and ENTRY/QUAL_PTS |



| | | |
|------|-----|--|
| | | CR 15039: Add DT_PARTIC_NAME to applicable messages. CR 16671: Add TVFamilyName in DT_PARTIC message. |
| V2.1 | APP | CR16928: Add Result/Pty and remove Result /ExtendedResults /ExtendedResult PENALTY extension DT_RESULT: ExtendedInfos, send INT_x_y for relays also Remove ValueType throughout the document |
| V2.2 | APP | CR16640: Add ODF Version @Competition CR17516: DT_RESULT: DISPLAY/INT_x_y @ExtendedInfo to send until the result is OFFICIAL CR17739: Change Name and TVTeamName to mandatory in DT_PARTIC_TEAMS CR17809: Change Participant/OlympicSolidarity to disallow N CR17917: DT_RESULT: Add Pos for @Segment/INTERMEDIATE & @Segment/SECTION @ Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult and add @Segment/TEAM_INTERMEDIATE in the same element. CR17919: DT_RESULT: Add ER/PENALTY @ Result /ExtendedResults /ExtendedResult and Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult Update LEADER/CURRENT @ ExtendedInfos |
| V2.3 | APP | DT_PARTIC: Change format for ENTRY/QUAL_PTS @ Participant /Discipline /RegisteredEvent /EventEntry (ORIS CR18241) DT_PARTIC_TEAMS: Change format for ENTRY/QUAL_PTS @ Team /Discipline /RegisteredEvent /EventEntry (ORIS CR18241) Typographical corrections |
| V2.4 | APP | DT_PARTIC: Add Substitute and Status @Participant /Discipline /RegisteredEvent DT_PARTIC_TEAM: Remove ENTRY/QUAL_TYPE (Typographical error) DT_RESULT: Update DISPLAY/INT... @ExtendedInfos DT_RESULT: Update ER/INTERMEDIATE @Result /ExtendedResults /ExtendedResult DT_RESULT: Do not send and value for Diff for the leader (final and intermediates/segments/laps etc) DT_RESULT: Clarify triggering DT_RESULT: Add Result/Unchecked DT_PLAY_BY_PLAY: Update Actions/Action/Period DT_CONFIG: COURSE @Segment change length of swim to be in metres DT_CONFIG: Update COURSE @Configs /Config /ExtendedConfig for the team event. DT_RESULT: Allow "-" when athlete passes and intermediate but no data available. |
| V2.5 | APP | DT_RESULT: Add SortOrder at Segment/SECTION @Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult (consistency) DT_CONFIG: Update COURSE/CC@Segment/LAP_DISTANCE at Configs /Config /ExtendedConfig |
| V2.6 | APP | DT_RESULT: Update Element Expected and Value at PROGRESS/INTERMEDIATE @Result /ExtendedResults /ExtendedResult [187080] DT_RESULT: Update Element Expected and Value at PROGRESS/SECTION @Result /ExtendedResults /ExtendedResult [187080] DT_RESULT: Update Element Expected and Value at PROGRESS/SECTOR @Result /ExtendedResults /ExtendedResult [187080] DT_RESULT: Update Element Expected and Value at SC @Segment/INTERMEDIATE @Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult [187080] DT_RESULT: Update Element Expected and Value at SC @Segment/SECTION @Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult [187080] |
| V2.7 | APP | DT_PARTIC: Update the description of Participant/Weight [CR18565] |
| V3.0 | SFA | DT_PARTIC_TEAM: Add Team/TeamType & Team/ShortName [CR019497] DT_RESULT: Correct typo for @Pos at CC @Segment/SECTOR at Result /ExtendedResults /ExtendedResult [HPQC198711] DT_RESULT: Add DISPLAY/AFTER_INT at ExtendedInfos /ExtendedInfo DT_RESULT: Add TEAM/LEG at ExtendedResults /ExtendedResult DT_RESULT: Add SUMMARY/CC @Segment at ExtendedResults /ExtendedResult DT_PLAY_BY_PLAY: Add Actions/Action/Pid, Actions/Action/Action and Actions/Action/Result DT_RANKING: Add guide information at Result /Competitor /Composition /Athlete /Description DT_RANKING: Update Result/Competitor/Code DT_IMAGE: Update throughout the message for global change [CR022136] DT_CONFIG: Correct format for at COURSE/CC @Segment including for the intermediates DT_WEATHER: Add WATER at Weather /Conditions /Condition |



| | | |
|-------|-----|----------------|
| V3.01 | SFA | Add DT_CURRENT |
|-------|-----|----------------|