



# Olympic Data Feed



## Modern Pentathlon ODF Data Dictionary

Technology and Information Department  
© International Olympic Committee

SOG-2024-MPN-3.4 APP  
3 November 2023



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# 1 Introduction

## 1.1 This document

This document includes the ODF Modern Pentathlon 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 Modern Pentathlon 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 Modern Pentathlon Overview

#### MESSAGES

\* All events have a single DT\_RESULT for each unit (fencing ranking round, fencing bonus round, swimming heats, jumping and laser run).

\* DT\_PHASE\_RESULT is also sent for swimming where there are multiple heats.

\* DT\_CUMULATIVE\_RESULTS are sent in fencing to provide the overall fencing score and also for the phase (semifinal and final) for the modern pentathlon points.

#### SCHEDULE

\* The DT\_SCHEDULE/DT\_SCHEDULE\_UPDATE message will be sent for all units (with schedule=Y) except swimming where the schedule is sent at phase level (multiple heats), this aligns with DT\_RESULT except in swimming. The schedule in swimming, is also sent with (schedule=S) which aligns with the DT\_RESULT messages.

### 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<br>DT_SCHEDULE_UPDATE           | / Competition schedule / Competition schedule update                           |                   |
| DT_PARTIC / DT_PARTIC_UPDATE                | List of participants by discipline / List of participants by discipline update | X                 |
| DT_PARTIC_HORSES<br>DT_PARTIC_HORSES_UPDATE | / List of horses / List of horses update                                       | X                 |
| DT_RESULT                                   | Event Unit Start List and Results  | X                 |
| DT_PHASE_RESULT                             | Phase Results  | X                 |
| DT_CUMULATIVE_RESULT                        | Cumulative Results   | X                 |
| DT_IMAGE                                    | Image  | X                 |
| DT_PRESSPHOTOFINISH_LK                      | Press Photofinish  |                   |
| DT_RECORD                                   | Records  | X                 |
| DT_RANKING                                  | Event Final Ranking  | X                 |
| DT_MEDALLISTS                               | Event's Medallists   |                   |
| DT_MEDALLISTS_DISCIPLINE                    | Medallists by discipline   |                   |





|                  |                                     |   |
|------------------|-------------------------------------|---|
| DT_MEDALS        | Medal standings                     |   |
| DT_CONFIG        | Configuration                       | X |
| DT_COMMUNICATION | Communication                       |   |
| DT_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 (event unit start list and results, phase results, medallists etc.) will always match the athlete ID with the athlete ID in this message. The historical athletes will be used to match historical athlete information as it appears in the records message when sending the previous record information and this previous record was an historical record not being broken in the current competition.

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

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

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

#### 2.3.1.2 Header Values

The following table describes the message header attributes.

| Attribute       | Value                           | Comment   |
|-----------------|---------------------------------|---|
| CompetitionCode | <a href="#">CC @Competition</a> | Unique ID for competition   |
| DocumentCode    | <a href="#">CC @Discipline</a>  | Full RSC at the discipline level  |
| DocumentType    | DT_PARTIC<br>DT_PARTIC_UPDATE   | / List of participants by discipline message  |
| DocumentSubtype | S(20)                           | SYNC if the message is for re-synchronisation for ODF clients. Only sent after control is transferred to the venue (else not included).<br>HISTORICAL if the message is from the historical results provider and only includes historic athletes (else not included).<br>Neither are ever included in _UPDATE messages. HISTORICAL is not |





|             |                                |   |
|-------------|--------------------------------|---|
|             |                                | sent to external clients.   |
| Version     | 1..V                           | Version number associated to the message's content. Ascending number  |
| FeedFlag    | "P" - Production<br>"T" - Test | Test message or production message.   |
| Date        | Date                           | Date when the message is generated, expressed in the local time zone where the message was produced.  |
| Time        | Time                           | Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced.   |
| LogicalDate | Date                           | Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight. See full explanation in ODF Foundation. |
| Source      | <a href="#">SC @Source</a>     | Code indicating the system which generated the message.   |

### 2.3.1.3 Trigger and Frequency

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

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

### 2.3.1.4 Message Structure

The following table defines the structure of the message.

| Level 1                            | Level 2                            | Level 3   | Level 4 | Level 5 | Level 6 |
|------------------------------------|------------------------------------|---|---------|---------|---------|
| <a href="#">Competition (0..1)</a> | Gen<br>Sport<br>Codes              |   |         |         |         |
|                                    | <a href="#">Participant (1..N)</a> | Code<br>Parent<br>Status<br>GivenName<br>FamilyName<br>PassportGivenName<br>PassportFamilyName<br>PrintName<br>PrintInitialName<br>TVName<br>TVInitialName<br>TVFamilyName<br>LocalFamilyName |         |         |         |



|                                       |
|---------------------------------------|
| LocalGivenName                        |
| Gender                                |
| Organisation                          |
| BirthDate                             |
| PlaceofBirth                          |
| CountryofBirth                        |
| PlaceofResidence                      |
| CountryofResidence                    |
| Nationality                           |
| MainFunctionId                        |
| Current                               |
| OlympicSolidarity                     |
| ModificationIndicator                 |
| <a href="#">Discipline (1,1)</a>      |
| Code                                  |
| IFId                                  |
| <a href="#">RegisteredEvent (0,N)</a> |
| Event                                 |
| <a href="#">EventEntry (0,N)</a>      |
| 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-MPN-1.10" Codes="SOG-2020-1.20" >
```

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



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



|                       |   |                                     |   |
|-----------------------|---|-------------------------------------|---|
| Organisation          | M | <a href="#">CC @Organisation</a>    | Organisation ID   |
| BirthDate             | O | YYYY-MM-DD                          | Date of birth.<br>Expected for athletes, not expected for all groups of officials.  |
| PlaceofBirth          | O | S(75)                               | Place of Birth  |
| CountryofBirth        | O | <a href="#">CC @Country</a>         | Country ID of Birth   |
| PlaceofResidence      | O | S(75)                               | Place of Residence  |
| CountryofResidence    | O | <a href="#">CC @Country</a>         | Country ID of Residence   |
| Nationality           | O | <a href="#">CC @Country</a>         | Participant's nationality.<br><br>Although this attribute is optional, in very exceptional situations it will not be known, and for this reason not ready to be sent.   |
| MainFunctionId        | O | <a href="#">CC @ResultsFunction</a> | Main function<br><br>In the Case of Current="true" this attribute is Mandatory.   |
| Current               | M | boolean                             | It defines if a participant is participating in the games (true) or is a Historical participant (false).  |
| OlympicSolidarity     | O | S(1)                                | Send Y if the participant is a member of the Solidarity / Scholarship Program else not sent.  |
| ModificationIndicator | M | S(1)                                | 'N' or 'U'<br>Attribute is mandatory in the DT_PARTIC_UPDATE message only<br><br>N-New participant (in the case that this information comes as a late entry)<br>U-Update participant<br><br>If ModificationIndicator='N', then include new participant to the previous bulk-loaded list of participants<br><br>If ModificationIndicator='U', then update the participant to the previous bulk-loaded list of participants<br><br>To delete a participant, a specific value of the Status attribute is used. |

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

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

| Attribute | M/O | Value                          | Description  |
|-----------|-----|--------------------------------|--|
| Code      | M   | <a href="#">CC @Discipline</a> | Full RSC of the Discipline.<br>It is the discipline code used to fill the OdfBody @DocumentCode attribute. |
| IFld      | O   | S(16)                          | Federation ID (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 | <a href="#">CC @Event</a> | Full RSC of the Event |
|-------|---|---------------------------|-----------------------|

| Element: Competition /Participant /Discipline /RegisteredEvent /EventEntry (0,N) |          |                |  |
|--|----------|----------------|--|
| Send if there are specific athlete's event entries.                              |          |                |  |
| Type   | Code     | Pos            | Description  |
| ENTRY  | RANK_WLD | N/A            | Element Expected:<br>Always, as soon as this information is known and this athlete has ranking. This information can be sent in both messages. |
| Attribute  | M/O      | Value          | Description  |
| Value  | M        | Numeric<br>##0 | World Ranking  |

### 2.3.1.6 Message Sort

The message is sorted by Participant @Code



## 2.3.2 List of horses / List of horses update

### 2.3.2.1 Description

The List of horses is a bulk message containing a complete list of horses and provided only for equestrian (not for the horses in modern pentathlon). The arrival of this message resets all the previous equestrian horses' information.

List of horses update (DT\_PARTIC\_HORSES\_UPDATE) is not a complete list, it only contains the data that has been modified and it is available for both equestrian and modern pentathlon.

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

### 2.3.2.2 Header Values

The following table describes the message header attributes.

| Attribute       | Value                           | Comment   |
|-----------------|---------------------------------|---|
| CompetitionCode | <a href="#">CC @Competition</a> | Unique ID for competition   |
| DocumentCode    | <a href="#">CC @Discipline</a>  | Full RSC at the discipline level  |
| DocumentType    | DT_PARTIC_HORSES_UPDAT<br>E     | List of horses update message   |
| DocumentSubtype | S(20)                           | HISTORICAL if the message is from the historical results provider and only includes historic horses else the attribute is not included.<br>Never included in _UPDATE message. |
| Version         | 1..V                            | Version number associated to the message's content. Ascending number  |
| FeedFlag        | "P" - Production<br>"T" - Test  | Test message or production message.   |
| Date            | Date                            | Date when the message is generated, expressed in the local time zone where the message was produced.  |
| Time            | Time                            | Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced.   |
| LogicalDate     | Date                            | Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight.<br>See full explanation in ODF Foundation.  |
| Source          | <a href="#">SC @Source</a>      | Code indicating the system which generated the message.   |

### 2.3.2.3 Trigger and Frequency

- Before the horse Jumping Test
- One (1) hour after completion of the horse Jumping Test
- One (1) hour before the Technical Meeting
- After the first event, when the assigned discipline gender is known, as well as for changes that may happen in reserve horses



### 2.3.2.4 Message Structure

The following table defines the structure of the message.

| Level 1                           | Level 2                     | Level 3                     | Level 4 |
|-----------------------------------|-----------------------------|-----------------------------|---------|
| <a href="#">Competition (0,1)</a> |                             |                             |         |
|                                   | Gen                         |                             |         |
|                                   | Sport                       |                             |         |
|                                   | Codes                       |                             |         |
|                                   | <a href="#">Horse (1,N)</a> |                             |         |
|                                   |                             | Code                        |         |
|                                   |                             | Name                        |         |
|                                   |                             | Sex                         |         |
|                                   |                             | YearBirth                   |         |
|                                   |                             | ColourCode                  |         |
|                                   |                             | BreedCode                   |         |
|                                   |                             | Owner                       |         |
|                                   |                             | ModificationIndicator       |         |
|                                   |                             | <a href="#">Entry (0,N)</a> |         |
|                                   |                             |                             | Type    |
|                                   |                             |                             | Code    |
|                                   |                             |                             | Pos     |
|                                   |                             |                             | Value   |

### 2.3.2.5 Message Values

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

| Element: Competition /Horse (1,N) |     |                                 |   |
|-----------------------------------|-----|---------------------------------|---|
| Attribute                         | M/O | Value                           | Description   |
| Code                              | M   | S(20) with no leading zeroes    | Horse's ID  |
| Name                              | M   | S(25)                           | Horse's name in upper case.                               |
| Sex                               | O   | <a href="#">CC @HorseSex</a>    | Horse's sex. Send when information is available           |
| YearBirth                         | O   | Numeric ####                    | Horse's year of birth. Send when information is available |
| ColourCode                        | O   | <a href="#">CC @HorseColour</a> | Horse's colour code. Send when information is available   |
| BreedCode                         | O   | <a href="#">CC @HorseBreed</a>  | Horse's breed code. Send when information is available    |





|                       |   |         |   |
|-----------------------|---|---------|---|
| Owner                 | O | S(35)   | Horse's primary (first) owner. Send when information is available.<br><br>The content is expected in upper case.  |
| ModificationIndicator | M | N, U, D | Attribute is mandatory in the DT_PARTIC_HORSES_UPDATE message only<br><br>N - New horse (any horse but particularly for modern pentathlon when it is sent the first time)<br>U - Update horse<br>D - Delete horse<br><br>If ModificationIndicator='N', then adds the new horse to the previous bulk-loaded list of horses<br>If ModificationIndicator='U', then updates the horse information to the existing one<br>If ModificationIndicator='D', then deletes the horse |

| Element: Competition /Horse /Entry (0,N)            |                  |              |   |   |
|---|------------------|--------------|---|---|
| Only when there are entries specific for the horse. |                  |              |   |   |
| Type  | Code             | Pos          | Description   |   |
| ENTRY   | HORSE_NUM        | N/A          | Element Expected:<br>Always, as soon as this information is known.                    |   |
|   | <b>Attribute</b> | <b>M/O</b>   | <b>Value</b>  | <b>Description</b>  |
|   | Value            | M            | Numeric<br>##0  | Horse Number  |
| ENTRY   | DESC             | N/A          | Element Expected:<br>As soon as this information is known and if the data exists.     |   |
|   | <b>Attribute</b> | <b>M/O</b>   | <b>Value</b>  | <b>Description</b>  |
|   | Value            | M            | S(1000)   | Horse's description.<br>Example: "6 year old dark brown gelding.<br>Very big stride. Very sensitive ride",<br>"Lean jumper and very willing", ... |
| ENTRY   | SPURS            | N/A          | Element Expected:<br>Always, as soon as this information is known.                    |   |
|   | <b>Attribute</b> | <b>M/O</b>   | <b>Value</b>  | <b>Description</b>  |
|   | Value            | M            | S(1)  | Spurs indicator ("Y" or "N")  |
| ENTRY   | WHIP             | N/A          | Element Expected:<br>Always, as soon as this information is known.                    |   |
|   | <b>Attribute</b> | <b>M/O</b>   | <b>Value</b>  | <b>Description</b>  |
|   | Value            | M            | S(1)  | Whip indicator ("Y" or "N")   |
| ENTRY   | MARTINGALE       | N/A          | Element Expected:<br>Always, as soon as this information is known.                    |   |
|   | <b>Attribute</b> | <b>M/O</b>   | <b>Value</b>  | <b>Description</b>  |
|   | Value            | M            | S(1)  | Martingale indicator ("Y" or "N")   |
| ENTRY   | GENDER_ASSIGN    | Numeric<br>0 | Pos Description:<br>Order number of the event (i.e.: 1 for Men,<br>and, 2 for Women). |   |



|       |                  |            |                                      |   |
|-------|------------------|------------|--------------------------------------|---|
|       |                  |            |                                      | Element Expected:<br>As soon as this information is known (after the Jumping Test event) if it applies (for the selected horses).   |
|       | <b>Attribute</b> | <b>M/O</b> | <b>Value</b>                         | <b>Description</b>  |
|       | Value            | M          | <a href="#">CC @DisciplineGender</a> | Events to which the selected horse is assigned (a horse can participate to both events).  |
| ENTRY |                  | RESERVE    | Numeric<br>0                         | Pos Description:<br>Order number of the event (i.e.: 1 for Men, and, 2 for Women).<br><br>Element Expected:<br>As soon as this information is known (after the Jumping Test event) if it applies. |
|       | <b>Attribute</b> | <b>M/O</b> | <b>Value</b>                         | <b>Description</b>  |
|       | Value            | M          | S(1)                                 | Send "Y" if the horse is a Reserve, else do not send  |
| ENTRY |                  | SELECTED   | N/A                                  | Element Expected:<br>As soon as this information is known (after the Jumping Test event) if it applies.   |
|       | <b>Attribute</b> | <b>M/O</b> | <b>Value</b>                         | <b>Description</b>  |
|       | Value            | M          | S(1)                                 | Send "Y" if the horse is a selected horse (as a competition or reserve) or "N" if not selected  |

### 2.3.2.6 Message Sort

The message will be sorted by Horse @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...).

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

### 2.3.3.2 Header Values

The following table describes the message header attributes.

| Attribute       | Value                            | Comment   |
|-----------------|----------------------------------|---|
| CompetitionCode | <a href="#">CC @Competition</a>  | Unique ID for competition   |
| DocumentCode    | CC @Unit                         | Send for each 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    | <a href="#">CC @ResultStatus</a> | It indicates whether the result is official or unofficial (or intermediate etc).<br>START_LIST: As soon as the start list is known and with any changes / IRMs before the start.<br>LIVE (used during the competition when nothing else applies).<br>INTERMEDIATE (used after the competition has started and is not finished but not currently live)<br>UNOFFICIAL<br>OFFICIAL |
| FeedFlag        | "P" - Production<br>"T" - Test   | Test message or production message.   |
| Date            | Date                             | Date when the message is generated, expressed in the local time zone where the message was produced.  |
| Time            | Time                             | Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced.   |
| LogicalDate     | Date                             | Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight. See full explanation in ODF Foundation.   |
| Source          | <a href="#">SC @Source</a>       | Code indicating the system which generated the message.   |

### 2.3.3.3 Trigger and Frequency

For Fencing, Swimming (Heat), Riding & Laser-Run phases:

- As soon as the start list is available and all updates (START\_LIST)
- As soon as the competition starts (LIVE)
- During competition as data is available (LIVE)

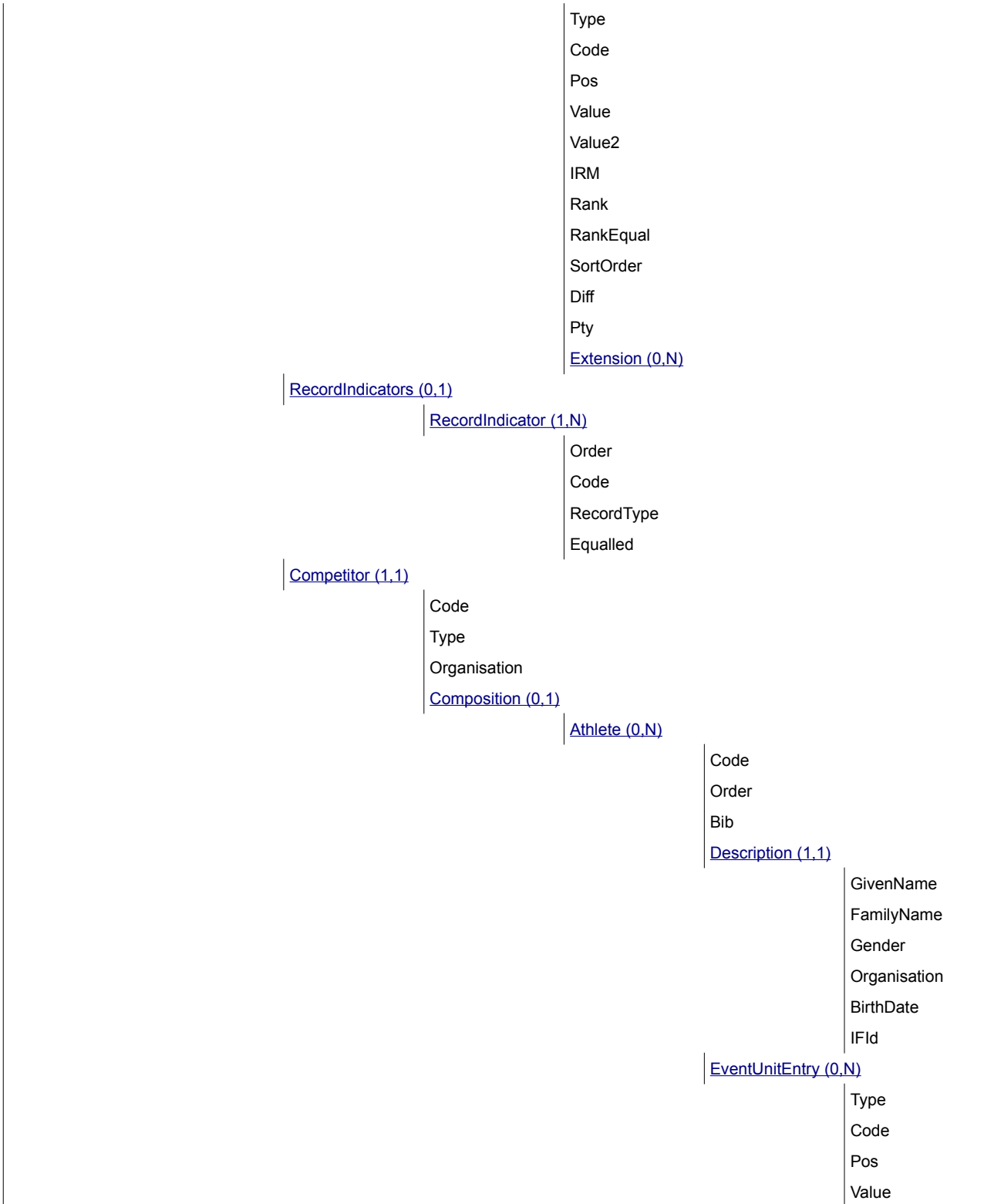


- After each unit (UNOFFICIAL / OFFICIAL).

### 2.3.3.4 Message Structure

The following table defines the structure of the message.

| Level 1                           | Level 2                             | Level 3                                | Level 4                              | Level 5 | Level 6 | Level 7 |
|-----------------------------------|-------------------------------------|--|--------------------------------------|---------|---------|---------|
| <a href="#">Competition (0.1)</a> |                                     |  |                                      |         |         |         |
|                                   | Gen                                 |  |                                      |         |         |         |
|                                   | Sport                               |  |                                      |         |         |         |
|                                   | Codes                               |  |                                      |         |         |         |
|                                   | <a href="#">ExtendedInfos (0.1)</a> |  |                                      |         |         |         |
|                                   |                                     | <a href="#">UnitDateTime (0.1)</a>     |                                      |         |         |         |
|                                   |                                     |  | StartDate                            |         |         |         |
|                                   |                                     | <a href="#">ExtendedInfo (0.N)</a>     |                                      |         |         |         |
|                                   |                                     |  | Type                                 |         |         |         |
|                                   |                                     |  | Code                                 |         |         |         |
|                                   |                                     |  | Pos                                  |         |         |         |
|                                   |                                     |  | Value                                |         |         |         |
|                                   |                                     | <a href="#">Extension (0.N)</a>        |                                      |         |         |         |
|                                   |                                     | <a href="#">SportDescription (0.1)</a> |                                      |         |         |         |
|                                   |                                     |  | DisciplineName                       |         |         |         |
|                                   |                                     |  | EventName                            |         |         |         |
|                                   |                                     |  | Gender                               |         |         |         |
|                                   |                                     |  | SubEventName                         |         |         |         |
|                                   |                                     | <a href="#">VenueDescription (0.1)</a> |                                      |         |         |         |
|                                   |                                     |  | Venue                                |         |         |         |
|                                   |                                     |  | VenueName                            |         |         |         |
|                                   |                                     |  | Location                             |         |         |         |
|                                   |                                     |  | LocationName                         |         |         |         |
|                                   | <a href="#">Result (1.N)</a>        |  |                                      |         |         |         |
|                                   |                                     | Rank                                   |                                      |         |         |         |
|                                   |                                     | RankEqual                              |                                      |         |         |         |
|                                   |                                     | Result                                 |                                      |         |         |         |
|                                   |                                     | IRM                                    |                                      |         |         |         |
|                                   |                                     | SortOrder                              |                                      |         |         |         |
|                                   |                                     | StartOrder                             |                                      |         |         |         |
|                                   |                                     | StartSortOrder                         |                                      |         |         |         |
|                                   |                                     | ResultType                             |                                      |         |         |         |
|                                   |                                     | <a href="#">ExtendedResults (0.1)</a>  |                                      |         |         |         |
|                                   |                                     |  | <a href="#">ExtendedResult (1.N)</a> |         |         |         |





### 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   |  |
| BOU   | BONUS            | Numeric<br>###  | Pos Description:<br>Bout number of each one of the different bouts of Fencing Bonus Round.<br>Element Expected:<br>Always, when this information is available (only for Fencing Bonus Round)  |  |
|   | <b>Attribute</b> | <b>M/O</b>  | <b>Value</b>  | <b>Description</b>   |
|   | Value            | O   | N/A   | Do not send anything   |
| <b>Sub Element: Competition /ExtendedInfos /ExtendedInfo /Extension</b><br>Expected Always, when this information is available (Only for Fencing Bonus Round) |                  |   |   |  |
|   | <b>Attribute</b> | <b>Value</b>  | <b>Description</b>  |  |
|   | Code             | ID  |   |  |
|   | Pos              | Numeric<br>0  | Position of the competitor in the bout 1 or 2   |  |
|   | Value            | S(20) with no leading zeroes<br>or SC<br>@CompetitorPlace | Competitor's ID (to identify an athlete) that competes in this bout.<br>Note that Pos="2" will not be available at the start of the Bonus Round, or when it has only one athlete in this bout.<br>Use @CompetitorPlace when one competitor is not known.  |  |
| DISPLAY   | LAST_COMP        | Numeric<br>0  | Pos Description:<br>Sent INTERMEDIATE @Pos for the last intermediate passed by the most recent competitor(s) to pass any intermediate point (only in Swimming).<br>Do not send @Pos for Riding.<br>Element Expected:<br>When available and only when the unit is LIVE in swimming and riding.<br><br>Send all changes since last message. |  |
|   | <b>Attribute</b> | <b>M/O</b>  | <b>Value</b>  | <b>Description</b>   |
|   | Value            | M   | S(20) with no leading zeroes  | Send the competitor ID of the most recent competitor to pass the intermediate point @Pos (including finish) in Swimming. |



|         |                  |               |                        |   |
|---------|------------------|---------------|------------------------|---|
|         |                  |               |                        | In Riding send the most recent competitor to finish the course.   |
| DISPLAY |                  | CURRENT       | N/A                    | Element Expected:<br>Only in Riding when is a competitor riding (for the first rider) or soon to ride (remaining riders). Send as soon as previous rider finishes and has a score (except if last rider and therefore no new CURRENT) |
|         | <b>Attribute</b> | <b>M/O</b>    | <b>Value</b>           | <b>Description</b>  |
|         | Value            | M             | S(20) no leading zeros | Send the ID for the current competitor in Riding discipline.  |
| DISPLAY |                  | ROUND_CURRENT | N/A                    | Element Expected:<br>In Fencing Ranking Round when LIVE   |
|         | <b>Attribute</b> | <b>M/O</b>    | <b>Value</b>           | <b>Description</b>  |
|         | Value            | M             | Numeric #0             | Number of the current Round of the Fencing discipline that is in progress at this time or the last completed round if between rounds  |
| DISPLAY |                  | BOUT_CURRENT  | Numeric #0             | Pos Description:<br>Sequential number, from 1.. for each current bout.<br>Do not send for Bonus Round.<br>Element Expected:<br>In Fencing (Ranking Round, and Bonus Round) when LIVE  |
|         | <b>Attribute</b> | <b>M/O</b>    | <b>Value</b>           | <b>Description</b>  |
|         | Value            | M             | Numeric ###            | Bout number of the current Bouts of the Fencing discipline that is in progress at this time in every piste.   |
| DISPLAY |                  | LEADER        | Numeric #0             | Pos Description:<br>Send number of the intermediate point.<br>Only one intermediate point is expected in each message.<br>Element Expected:<br>In swimming and laser run when the unit is LIVE.                                       |
|         | <b>Attribute</b> | <b>M/O</b>    | <b>Value</b>           | <b>Description</b>  |
|         | Value            | M             | S(20) no leading zeros | Competitor's ID, to identify an athlete, for the leader at this split point.  |

### Sample (Fencing Ranking Round)

```
<ExtendedInfos>
<UnitDateTime StartDate="2012-08-11T08:45:00+01:00" />
<ExtendedInfo Type="DISPLAY" Code="ROUND_CURRENT" Value="0">
<ExtendedInfo Type="DISPLAY" Code="BOUT_CURRENT" Pos="1" Value="1">
<ExtendedInfo Type="DISPLAY" Code="BOUT_CURRENT" Pos="2" Value="3">
...
<ExtendedInfo Type="DISPLAY" Code="BOUT_CURRENT" Pos="9" Value="17">
</ExtendedInfos>
```

### Sample (Fencing Bonus Round)





```
<ExtendedInfos>
<UnitDateTime StartDate="2012-08-11T08:45:00+01:00" />
<ExtendedInfo Type="DISPLAY" Code="BOUT_CURRENT" Value="3" />
<ExtendedInfo Type="BOUT" Code="BONUS" Pos="1" >
  <Extension Code="ID" Pos="1" Value="1123054" />
  <Extension Code="ID" Pos="2" Value="1056610" />
</ExtendedInfo>
<ExtendedInfo Type="BOUT" Code="BONUS" Pos="2" >
  <Extension Code="ID" Pos="1" Value="1086721" />
  <Extension Code="ID" Pos="2" Value="1123054" />
</ExtendedInfo>
<ExtendedInfo Type="BOUT" Code="BONUS" Pos="3" >
  <Extension Code="ID" Pos="1" Value="1066055" />
  <Extension Code="ID" Pos="2" Value="1086721" />
</ExtendedInfo>
...
<ExtendedInfo Type="BOUT" Code="BONUS" Pos="16" >
  <Extension Code="ID" Pos="1" Value="1097068" />
  <Extension Code="ID" Pos="2" Value="WIN15" />
</ExtendedInfo>
<ExtendedInfo Type="BOUT" Code="BONUS" Pos="17" >
  <Extension Code="ID" Pos="1" Value="1097096" />
  <Extension Code="ID" Pos="2" Value="WIN16" />
</ExtendedInfo>
...
```

**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   | <a href="#">CC @VenueCode</a> | Venue Code  |
| VenueName    | M   | S(25)                         | Venue ENG Description (not code) from Common Codes    |
| Location     | M   | <a href="#">CC @Location</a>  | 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 unit. This attribute is optional because the competitor could get an IRM, and it is not used in the Jumping test. |



|                |   |  |  |
|----------------|---|--|--|
|                |   |  | <p>In the Fencing Bonus Round there is no rank.</p> <p>For Swimming (Heat) LIVE messages: Rank of the competitor at each new split (i.e.: the position based on the most recent split, cleaned when the leader completes a new split), and the final rank (in the heat).</p>   |
| RankEqual      | O | S(1)   | Identifies if a rank has been equalled (Y). Only send if applicable  |
| Result         | O | Numeric<br>###0<br>or<br>m:ss.ff<br>(for Swimming unit)<br>or<br>ss.ff<br>(for Jumping Test) | <p>Result of the competitor in the particular unit, i.e. Modern Pentathlon points achieved in the corresponding discipline phase except swimming (heat) where time is sent.</p> <p>Only send only in the case @ResultType is Time, Points or IRM with points.</p> <p>Or (for Jumping Test event):<br/>Time result achieved by the horse in the Jumping Test.<br/>Send only in the case @ResultType is TIME.</p>  |
| IRM            | O | <a href="#">SC @IRM</a>  | <p>Invalid Result Mark for the particular unit, in case it is assigned.</p> <p>Send only in the case @ResultType is IRM or both IRM and points.</p>  |
| SortOrder      | M | Numeric  | <p>Used to sort all the results of an event unit</p> <p>This attribute is a sequential number with the order of the results for the particular unit, if they were to be presented. It is mostly based on the rank, but it should be used to sort out ties as well as results without rank.</p> <p>Before the start of any event unit this will be the same as the StartSortOrder and is used as the primary sort.</p> <p>During the event unit any sort order change from the initial start list order for any competitor will be provided in this attribute regardless the competitor is ranked or not.</p> <p>For the Jumping Test event it is the Horse number.</p> |
| StartOrder     | O | Numeric  | <p>Competitor's start order.</p> <p>-Fencing Ranking Round: send sequence number as appears ORIS C76.<br/>-Fencing Bonus Round: send Ranking Round Rank appears ORIS C75A.<br/>-Swimming: send the lane<br/>-Riding: send the Start Order<br/>-Laser-Run: send the Start Order/Bib number (sequential number starting by 1 according to the total number of competitors)</p>   |
| StartSortOrder | M | Numeric  | <p>Used to sort all start list competitors in an event unit.</p> <p>Sort by StartOrder beginning at 1.</p>   |
| ResultType     | O | <a href="#">SC @ResultType</a>   | <p>Result type for the corresponding unit.<br/>May be IRM / IRM_POINTS, or in normal circumstances use:<br/>Jumping Test &amp; Swimming = TIME<br/>Fencing = POINTS<br/>Riding = POINTS<br/>Laser-Run = POINTS</p>   |



| Element: Competition /Result /ExtendedResults /ExtendedResult (1,N) |                  |               |   |  |
|---|------------------|---------------|---|--|
| Type  | Code             | Pos           | Description   |  |
| ER_FE   | VIC              | N/A           | Element Expected:<br>Only for Fencing discipline phase  |  |
|   | <b>Attribute</b> | <b>M/O</b>    | <b>Value</b>  | <b>Description</b>   |
|   | Value            | M             | Numeric<br>#0   | Cumulative number of victories (number of bouts won) that this competitor has within the Fencing discipline.   |
| ER_FE   | DEF              | N/A           | Element Expected:<br>Only for Fencing discipline phase  |  |
|   | <b>Attribute</b> | <b>M/O</b>    | <b>Value</b>  | <b>Description</b>   |
|   | Value            | M             | Numeric<br>#0   | Cumulative number of defeats (number of bouts lost) that this competitor has within the Fencing discipline.  |
| ER_FE   | DBL_DEF          | N/A           | Element Expected:<br>Only for Fencing discipline phase  |  |
|   | <b>Attribute</b> | <b>M/O</b>    | <b>Value</b>  | <b>Description</b>   |
|   | Value            | M             | Numeric<br>#0   | Cumulative number of double defeats that this competitor has within the Fencing discipline.  |
| ER_FE   | PTY              | N/A           | Element Expected:<br>Only for Fencing discipline phase (in case of penalties)   |  |
|   | <b>Attribute</b> | <b>M/O</b>    | <b>Value</b>  | <b>Description</b>   |
|   | Value            | M             | Numeric<br>##0  | Number of penalties (MP Points) within the Fencing discipline. Do not send if no penalties.  |
| ER_FE   | VIC_TIED         | N/A           | Element Expected:<br>In Fencing if score is tied.   |  |
|   | <b>Attribute</b> | <b>M/O</b>    | <b>Value</b>  | <b>Description</b>   |
|   | Value            | M             | Numeric<br>##0  | Number of victories within the tied group in Fencing.  |
| ER_FE   | BOUTS            | Numeric<br>#0 | Pos Description:<br>Sequence Number to indicate the number of bouts in which the athlete competes in Fencing, from 1 to the total number of bouts for the athlete. The total number of bouts for the athlete is the number of athletes competing - 1. For example, if there are 36 athletes in the competition, each athlete has 35 bouts in Ranking Round. In the Bonus Round is less.<br>Element Expected:<br>Only for Fencing discipline phase |  |
|   | <b>Attribute</b> | <b>M/O</b>    | <b>Value</b>  | <b>Description</b>   |
|   | Value            | O             | S(1)  | Bout Result of each one of the different bouts for this athlete in the Fencing discipline. Send "V" for Victory, "D" for Defeat and "N" for Double defeat, or blank for no result (due to an IRM for example). |
|   | Value2           | M             | Numeric   | Bout Number of each one of the different   |



|          |                  |              |                         |   |
|----------|------------------|--------------|-------------------------|---|
|          |                  |              | ##0                     | bouts of Fencing where this athlete competes.   |
|          | IRM              | O            | <a href="#">SC @IRM</a> | Send in the case the result has an IRM (invalid result mark) at this bout, besides the result.  |
| PROGRESS |                  | INTERMEDIATE | Numeric #0              | Pos Description:<br>The number that identifies the split point, from 1 to F where F is the finishing point.<br>Element Expected:<br>When available in Swimming and Laser-Run  |
|          | <b>Attribute</b> | <b>M/O</b>   | <b>Value</b>            | <b>Description</b>  |
|          | Value            | M            | mm:ss.ff                | Time from the start of the race up to this split point. It is a cumulative result time.<br>Do not send minutes if zeros.  |
|          | Value2           | O            | m:ss.ff                 | In the Laser-Run and swimming, include time from the previous intermediate point (or start point for the first intermediate) to this intermediate point (or finish). This is the section time, not cumulative. (does not consider handicap) |
|          | Rank             | O            | Numeric #0              | Send the cumulative rank of the competitor at the intermediate point  |
|          | RankEqual        | O            | S(1)                    | Send "Y" if rank is equalled, otherwise do not send   |
|          | SortOrder        | M            | Numeric #0              | Send the order of the competitor at this intermediate, usually the same as rank but also considering IRMs.  |
|          | Diff             | O            | +ss.ff                  | Send the time behind the leader at the corresponding intermediate point (+ss.ff or 0.00 for leader).<br>Only in Laser-Run.  |
| PROGRESS |                  | CLOCK        | Numeric #0              | Pos Description:<br>The number that identifies the split point, from 1 to F where F is the finishing point.<br>Element Expected:<br>Laser-Run   |
|          | <b>Attribute</b> | <b>M/O</b>   | <b>Value</b>            | <b>Description</b>  |
|          | Value            | M            | mm:ss.ff                | Time from the start of the race up to this split point. It is a cumulative time and includes the handicap (clock time).<br>Do not send minutes if zeros.  |
|          | Rank             | O            | Numeric #0              | Send the cumulative rank of the competitor at the intermediate point during the race considering the handicap (clock rank).   |
|          | RankEqual        | O            | S(1)                    | Send "Y" if rank is equalled, otherwise do not send.  |
|          | SortOrder        | M            | Numeric #0              | Send the order of the competitor at this intermediate, usually the same as rank but also considering IRMs.  |
|          | Diff             | O            | +ss.ff                  | Send the time behind the MP leader at the corresponding intermediate point (+ss.ff or 0.00 for leader).   |
| PROGRESS |                  | SHOOT        | Numeric                 | Pos Description:  |



| Attribute  | M/O        | Value   | Description   |
|--|------------|---|---|
|  |            | #   | The shooting point from 1 to n for the total number of shoots.<br>Element Expected:<br>Only for Laser-Run discipline phase                          |
| Value  | M          | Numeric #0  | Send the Intermediate number (from DT_CONFIG) which matched this shooting point.  |
| Value2   | O          | mm:ss.ff  | Cumulative split time -shooting and running time- at the exit of the shooting range of this split.  |
| SortOrder  | O          | Numeric #0  | Sort Order according to the cumulative split time -shooting and running time- at the shooting range of this split.                                  |
| Diff   | O          | +mm:ss.ff   | Difference of the cumulative split time - shooting and running time- with the first place (delta) at the exit of the shooting range of this split). |
| <b>Sub Element: Competition /Result /ExtendedResults /ExtendedResult /Extension Expected Only for Laser-Run discipline phase</b> |            |   |   |
| Attribute  | Value      | Description   |   |
| Code   | BY_SHOT    |   |   |
| Pos  | Numeric ## | The number that identifies the shot, from 1 to the total number of shots at the shooting range of this shoot. |   |
| Value  | S(1)       | Shot status at this shot of the split.<br>Send "M" for Missed shot, or "V" for a valid one.                   |   |
| <b>Sub Element: Competition /Result /ExtendedResults /ExtendedResult /Extension Expected Only for Laser-Run discipline phase</b> |            |   |   |
| Attribute  | Value      | Description   |   |
| Code   | SHOT_MISS  |   |   |
| Pos  | N/A        |   |   |
| Value  | Numeric #0 | Send the total number of missed shots at this shooting point.   |   |
| <b>Sub Element: Competition /Result /ExtendedResults /ExtendedResult /Extension Expected Only for Laser-Run discipline phase</b> |            |   |   |
| Attribute  | Value      | Description   |   |
| Code   | SHOT_TIME  |   |   |
| Pos  | N/A        |   |   |
| Value  | ss.f       | Send the total time at this shooting point.   |   |
| <b>Sub Element: Competition /Result /ExtendedResults /ExtendedResult /Extension Expected Only for Laser-Run discipline phase</b> |            |   |   |
| Attribute  | Value      | Description   |   |
| Code   | SHOT_TOTAL |   |   |
| Pos  | N/A        |   |   |
| Value  | Numeric #0 | Send the total number of shots at this shooting point.  |   |
| <b>Sub Element: Competition /Result /ExtendedResults /ExtendedResult /Extension Expected Only for Laser-Run discipline phase</b> |            |   |   |



|  | Attribute | Value         | Description   |  |
|--|-----------|---------------|---|--|
|  | Code      | SHOT_VALID    |   |  |
|  | Pos       | N/A           |   |  |
|  | Value     | Numeric<br>#0 | Send the total number of valid shots at this shooting point.  |  |
| <b>Sub Element: Competition /Result /ExtendedResults /ExtendedResult /Extension<br/>Expected Only for Laser-Run discipline phase</b> |           |               |   |  |
|  | Attribute | Value         | Description   |  |
|  | Code      | TIME          |   |  |
|  | Pos       | Numeric<br>## | The number that identifies the shot, from 1 to the total number of shots at the shooting range of this shoot. |  |
|  | Value     | ss.f          | Shot time at this shot of the shoot.  |  |
| <b>Sub Element: Competition /Result /ExtendedResults /ExtendedResult /Extension<br/>Expected Only for Laser-Run discipline phase</b> |           |               |   |  |
|  | Attribute | Value         | Description   |  |
|  | Code      | TIME_CUM      |   |  |
|  | Pos       | Numeric<br>## | The number that identifies the shot, from 1 to the total number of shots at the shooting range of this shoot. |  |
|  | Value     | sss.f         | Cumulative shot time at this shooting of the split.   |  |
| ER_SW  |           | PTY           | N/A   | Element Expected:<br>Only for Swimming discipline phase (in case of penalties)   |
|  | Attribute | M/O           | Value   | Description  |
|  | Value     | M             | Numeric<br>##0  | Number of penalties (MP Points) within the Swimming discipline. Do not send if no penalties.   |
| ER_EQ  |           | TIME          | N/A   | Element Expected:<br>Only for Riding discipline phase  |
|  | Attribute | M/O           | Value   | Description  |
|  | Value     | M             | sss.ff  | Time result in the Riding discipline.  |
| ER_EQ  |           | PTY_WARMUP    | N/A   | Element Expected:<br>Only for Riding discipline phase (in case of warm-up penalties)   |
|  | Attribute | M/O           | Value   | Description  |
|  | Value     | M             | Numeric<br>##0  | Number of Warm-up penalties (MP Points) within the Riding discipline. Do not send if no penalties.                                     |
| ER_EQ  |           | PTY_TIME      | N/A   | Element Expected:<br>Only for Riding discipline phase (in case of time penalties) after the rider has started (zero if applicable)     |
|  | Attribute | M/O           | Value   | Description  |
|  | Value     | M             | Numeric<br>##0  | Number of Time penalties (MP Points) within the Riding discipline.   |
| ER_EQ  |           | PTY_OBS       | N/A   | Element Expected:<br>Only for Riding discipline phase (in case of obstacle penalties) after the rider has started (zero if applicable) |



|  | Attribute | M/O            | Value   | Description   |
|--|-----------|----------------|---|---|
|  | Value     | M              | Numeric<br>##0  | Number of Obstacle penalties (MP Points) within the Riding discipline.  |
| ER_EQ  |           | PTY_OTH        | N/A   | Element Expected:<br>Only for Riding discipline phase (in case of other penalties)  |
|  | Attribute | M/O            | Value   | Description   |
|  | Value     | M              | Numeric<br>##0  | Number of Other penalties (MP Points) within the Riding discipline. Do not send if no penalties.<br>Include horse tap penalties here. |
| ER_LR  |           | LASER_RUN      | N/A   | Element Expected:<br>Only for Laser-Run discipline phase  |
|  | Attribute | M/O            | Value   | Description   |
|  | Value     | M              | mm:ss.ff  | Final Time result in the Laser-Run discipline (net time).   |
|  | Diff      | O              | +m:ss.ff  | Send the time behind the leader (+m:ss.ff or 0.00 for leader).<br>Do not send minutes if zero.  |
|  | Pty       | O              | Numeric<br>##0  | Number of unpaid penalties (penalty points in seconds) within the Laser-Run discipline. Do not send if no penalties.                  |
| <b>Sub Element: Competition /Result /ExtendedResults /ExtendedResult /Extension<br/>Expected Only for Laser-Run discipline phase</b> |           |                |   |   |
|  | Attribute | Value          | Description   |   |
|  | Code      | SHOT_MISS      |   |   |
|  | Pos       | N/A            |   |   |
|  | Value     | Numeric<br>#0  | Number of the total missed shots in the Laser-Run discipline. |   |
| <b>Sub Element: Competition /Result /ExtendedResults /ExtendedResult /Extension<br/>Expected Only for Laser-Run discipline phase</b> |           |                |   |   |
|  | Attribute | Value          | Description   |   |
|  | Code      | SHOT_MISS_AVG  |   |   |
|  | Pos       | N/A            |   |   |
|  | Value     | ss.ff          | Average time of the missed shots in the Laser-Run discipline  |   |
| <b>Sub Element: Competition /Result /ExtendedResults /ExtendedResult /Extension<br/>Expected Only for Laser-Run discipline phase</b> |           |                |   |   |
|  | Attribute | Value          | Description   |   |
|  | Code      | SHOT_TOTAL     |   |   |
|  | Pos       | N/A            |   |   |
|  | Value     | Numeric<br>#0  | Number of the total shots in the Laser-Run discipline.        |   |
| <b>Sub Element: Competition /Result /ExtendedResults /ExtendedResult /Extension<br/>Expected Only for Laser-Run discipline phase</b> |           |                |   |   |
|  | Attribute | Value          | Description   |   |
|  | Code      | SHOT_TOTAL_AVG |   |   |





|  |                  |                |   |   |
|--|------------------|----------------|---|---|
|  | Pos              | N/A            |   |   |
|  | Value            | ss.ff          | Average time by total shots in the Laser-Run discipline.                            |   |
| <b>Sub Element: Competition /Result /ExtendedResults /ExtendedResult /Extension<br/>Expected Only for Laser-Run discipline phase</b> |                  |                |   |   |
|  | <b>Attribute</b> | <b>Value</b>   | <b>Description</b>  |   |
|  | Code             | SHOT_VALID     |   |   |
|  | Pos              | N/A            |   |   |
|  | Value            | Numeric<br>#0  | Number of the total valid shots in the Laser-Run discipline.                        |   |
| <b>Sub Element: Competition /Result /ExtendedResults /ExtendedResult /Extension<br/>Expected Only for Laser-Run discipline phase</b> |                  |                |   |   |
|  | <b>Attribute</b> | <b>Value</b>   | <b>Description</b>  |   |
|  | Code             | SHOT_VALID_AVG |   |   |
|  | Pos              | N/A            |   |   |
|  | Value            | ss.ff          | Average time of the valid shots in the Laser-Run discipline                         |   |
| <b>Sub Element: Competition /Result /ExtendedResults /ExtendedResult /Extension<br/>Expected Only for Laser-Run discipline phase</b> |                  |                |   |   |
|  | <b>Attribute</b> | <b>Value</b>   | <b>Description</b>  |   |
|  | Code             | TIME_RUN       |   |   |
|  | Pos              | N/A            |   |   |
|  | Value            | mm:ss.ff       | Total Running Time result in the Laser-Run discipline.                              |   |
| <b>Sub Element: Competition /Result /ExtendedResults /ExtendedResult /Extension<br/>Expected Only for Laser-Run discipline phase</b> |                  |                |   |   |
|  | <b>Attribute</b> | <b>Value</b>   | <b>Description</b>  |   |
|  | Code             | TIME_SHOOT     |   |   |
|  | Pos              | N/A            |   |   |
|  | Value            | sss.ff         | Total Shooting Time result in the Laser-Run discipline.                             |   |
| ER_LR  |                  | PHOTO          | N/A<br>Element Expected:<br>Only if applies, for Laser-Run discipline<br>phase only |   |
|  | <b>Attribute</b> | <b>M/O</b>     | <b>Value</b>  | <b>Description</b>  |
|  | Value            | M              | S(1)  | To know if the competitor's result was<br>decided by photo.<br>Send "P" for Pending Status for the Photo<br>finish, send "E" when Evaluated Status. |

**Sample (Fencing Ranking Round)**



```
<Result SortOrder="1" Rank="1" Result="1024" ResultType="POINTS" StartOrder="5" StartSortOrder="5" >
  <ExtendedResults>
    <ExtendedResult Type="ER_FE" Code="VIC" Value="26" />
    <ExtendedResult Type="ER_FE" Code="DEF" Value="9" />
    <ExtendedResult Type="ER_FE" Code="BOUTS" Pos="1" Value="V" Value2="17" />
    <ExtendedResult Type="ER_FE" Code="BOUTS" Pos="2" Value="V" Value2="51" />
    <ExtendedResult Type="ER_FE" Code="BOUTS" Pos="3" Value="V" Value2="54" />
    ...
    <ExtendedResult Type="ER_FE" Code="BOUTS" Pos="35" Value="D" Value2="626"/>
  </ExtendedResults>
```

### Sample (Fencing Bonus Round)

```
<Result SortOrder="34" Rank="34" Result="289" ResultType="POINTS" StartOrder="35" StartSortOrder="35" >
  <ExtendedResults>
    <ExtendedResult Type="ER_FE" Code="BOUTS" Pos="1" Value="V" Value2="2" />
    <ExtendedResult Type="ER_FE" Code="BOUTS" Pos="2" Value="V" Value2="3" >
    ...
```

### Sample (Swimming)

```
<Result SortOrder="1" Rank="1" ResultType="TIME" Result="1:46.10" StartOrder="4" StartSortOrder="4" >
  <ExtendedResults>
    <ExtendedResult Type="PROGRESS" Pos="1" Code="INTERMEDIATE" Value="25.30" Rank="5" />
    <ExtendedResult Type="PROGRESS" Pos="2" Code="INTERMEDIATE" Value="52.26" Rank="2" />
    ...
  </ExtendedResults>
```

### Sample (Riding)

```
<Result SortOrder="1" Rank="1" Result="1200" ResultType="POINTS">
  <ExtendedResults>
    <ExtendedResult Type="ER_EQ" Code="TIME" Value="74.57" />
    <ExtendedResult Type="ER_EQ" Code="PTY_OBS" Value="4" />
  </ExtendedResults>
```

### Sample (Laser-Run)



```
<Result SortOrder="2" Rank="2" Result="2536" ResultType="POINTS">
  <ExtendedResults>
    <ExtendedResult Type="ER_LR" Code="LASER_RUN" Value="10:16.92" Diff="+0.52">
      <Extension Code="TIME_RUN" Value="9:23.63" />
      <Extension Code="TIME_SHOOT" Value="53.29" />
      <Extension Code="SHOT_VALID" Value="15" />
      <Extension Code="SHOT_MISS" Value="7" />
      <Extension Code="SHOT_TOTAL" Value="22" />
      <Extension Code="SHOT_VALID_AVG" Value="2.57" />
      <Extension Code="SHOT_MISS_AVG" Value="2.11" />
      <Extension Code="SHOT_TOTAL_AVG" Value="2.42" />
    </ExtendedResult>
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="1" Value="3:08.38" Value2="3:08.38" Diff="+1.20"
Rank="2" SortOrder="2"/>
    <ExtendedResult Type="PROGRESS" Code="SHOOT" Pos="1" Value="2" >
      <Extension Code="SHOT_VALID" Value="5" />
      <Extension Code="SHOT_MISS" Value="2" />
      <Extension Code="SHOT_TOTAL" Value="7" />
      <Extension Code="SHOT_TIME" Value="16.49" />
      <Extension Code="TOTAL_TIME" Value="16.49" />
      <Extension Code="TOTAL_TIME_DIFF" Value="+0.26" />
      <Extension Code="TOTAL_TIME_IDX" Value="5" />
      <Extension Code="BY_SHOT" Pos="1" Value="M" />
      <Extension Code="TIME_CUM" Pos="1" Value="0.00" />
      <Extension Code="TIME" Pos="1" Value="0.00" />
      <Extension Code="BY_SHOT" Pos="2" Value="V" />
      <Extension Code="TIME_CUM" Pos="2" Value="2.63" />
      <Extension Code="TIME" Pos="2" Value="2.63" />
      ...
      <Extension Code="BY_SHOT" Pos="7" Value="V" />
      <Extension Code="TIME_CUM" Pos="7" Value="16.49" />
      <Extension Code="TIME" Pos="7" Value="2.76" />
      ...
  </ExtendedResults>
</Result>
```

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

**Result's record indicator.**

| Attribute  | M/O | Value                          | Description  |
|------------|-----|--------------------------------|--|
| Order      | M   | Numeric                        | The hierarchy (priority) for types of record from 1 to n. Can use the Order column from CC @RecordType for reference). @Order=1 is the most important one. |
| Code       | M   | <a href="#">CC @RecordCode</a> | Code which describes the record broken by the discipline phase result value (for disciplines of Fencing, Swimming and Laser-Run).                          |
| RecordType | M   | <a href="#">CC @RecordType</a> | Code which specifies the level at which the record is broken.  |
| Equalled   | O   | S(1)                           | Send "Y" in the case that the record has been equalled else do not send.   |

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

**Competitor related to the result of one event unit.**

| Attribute | M/O | Value                        | Description   |
|-----------|-----|------------------------------|---|
| Code      | M   | S(20) with no leading zeroes | Competitor's ID (athlete's ID for Competitor @Type=A). Horse's ID (ONLY for Jumping Test event) |
| Type      | M   | S(1)                         | H for horse (ONLY for Jumping Test event),  |



|              |   |                                  |   |
|--------------|---|----------------------------------|---|
|              |   |                                  | A for athlete   |
| Organisation | O | <a href="#">CC @Organisation</a> | Competitor's organisation<br>(do not send for Jumping Test) |

| 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 0                    | Send 1 if Competitor @Type="A". |
| Bib  | O   | S(4)                         | Bib number                      |

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

| Element: Competition /Result /Competitor /Composition /Athlete /EventUnitEntry (0,N) |                  |            |  |
|--|------------------|------------|--|
| Individual athletes entry information  |                  |            |  |
| (for all discipline phases/units, except Fencing Ranking Round)                      |                  |            |  |
| Type   | Code             | Pos        | Description  |
| EUE  | ROUND            | N/A        | Element Expected:<br>Always, when this information is known (only for Riding phase). |
|  | <b>Attribute</b> | <b>M/O</b> | <b>Value</b>   |
|  | Value            | M          | Numeric 0  |
| EUE  | MNT_TIME         | N/A        | Element Expected:<br>Always, when this information is known (only for Riding phase). |
|  | <b>Attribute</b> | <b>M/O</b> | <b>Value</b>   |
|  | Value            | M          | hh:mm:ss   |
| EUE  | START_TIME       | N/A        | Element Expected:<br>Always, when this information is known (only for Riding phase). |
|  | <b>Attribute</b> | <b>M/O</b> | <b>Value</b>   |
|  | Value            | M          | hh:mm:ss   |
| EUE  | HORSE_ID         | N/A        | Element Expected:  |



|     | Attribute | M/O       | Value                        | Description  |
|-----|-----------|-----------|------------------------------|--|
|     | Value     | M         | S(20) with no leading zeroes | Horse's ID assigned to the athlete in Riding discipline phase.                         |
| EUE |           | HORSE_NUM | N/A                          | Element Expected:<br>Always, when this information is known (only for Riding phase).   |
|     | Attribute | M/O       | Value                        | Description  |
|     | Value     | M         | Numeric ##0                  | Horse Number   |
| EUE |           | HCP_TIME  | N/A                          | Element Expected:<br>Always, when the information is known (only for Laser-Run phase). |
|     | Attribute | M/O       | Value                        | Description  |
|     | Value     | M         | m:ss                         | Handicap Time for the athlete in the Laser-Run discipline phase.                       |
| EUE |           | FE_RR     | N/A                          | Element Expected:<br>Only in Fencing Bonus Round                                       |
|     | Attribute | M/O       | Value                        | Description  |
|     | Value     | M         | Numeric ##0                  | Send the athletes score from the ranking round without Fencing Penalties.              |
| EUE |           | WAVE      | N/A                          | Element Expected:<br>If the athlete is in a wave/group start in the laser run.         |
|     | Attribute | M/O       | Value                        | Description  |
|     | Value     | M         | m:ss                         | Time of the wave start for the competitor if applicable.                               |

### Sample (Riding)

```
<EventUnitEntry Type="EUE" Code="ROUND" Value="1" />
<EventUnitEntry Type="EUE" Code="MNT_TIME" Value="15:34:00" />
<EventUnitEntry Type="EUE" Code="START_TIME" Value="15:55:00" />
<EventUnitEntry Type="EUE" Code="HORSE_ID" Value="H200043" />
<EventUnitEntry Type="EUE" Code="HORSE_NUM" Value="43" />
```

### Sample (Laser-Run)

```
<EventUnitEntry Type="EUE" Code="HCP_TIME" Value="0:01" />
```

## 2.3.3.6 Message Sort

Sort by Result @SortOrder



## 2.3.4 Phase Results

### 2.3.4.1 Description

The Phase Results is a message containing the results for the competitors in a particular phase.

The phase message is used to compare competitors from different units within a phase where the competitors usually participate once in the phase.

In modern pentathlon the message is only applicable in swimming.

### 2.3.4.2 Header Values

The following table describes the message header attributes.

| Attribute       | Value                            | Comment   |
|-----------------|----------------------------------|---|
| CompetitionCode | <a href="#">CC @Competition</a>  | Unique ID for competition   |
| DocumentCode    | <a href="#">CC @Unit</a>         | Full RSC of the group of swimming races<br>MPNMINDIVID-----FNL-0001SW00<br>MPNMINDIVID-----SFNL0001SW00<br>MPNMINDIVID-----SFNL0002SW00<br>MPNWINDIVID-----FNL-0001SW00<br>MPNWINDIVID-----SFNL0001SW00<br>MPNWINDIVID-----SFNL0002SW00 |
| DocumentSubcode | N/A                              | N/A   |
| DocumentType    | DT_PHASE_RESULT                  | Phase Results message   |
| DocumentSubtype | N/A                              | N/A   |
| Version         | 1..V                             | Version number associated to the message's content. Ascending number  |
| ResultStatus    | <a href="#">CC @ResultStatus</a> | It indicates the status of the results<br>INTERMEDIATE (used after each unit in the phase)<br>OFFICIAL<br>UNOFFICIAL<br>PROTESTED   |
| FeedFlag        | "P" - Production<br>"T" - Test   | Test message or production message.   |
| Date            | Date                             | Date when the message is generated, expressed in the local time zone where the message was produced.  |
| Time            | Time                             | Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced.   |
| LogicalDate     | Date                             | Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight. See full explanation in ODF Foundation.   |
| Source          | <a href="#">SC @Source</a>       | Code indicating the system which generated the message.   |

### 2.3.4.3 Trigger and Frequency

Send as follows:

- Send after every heat in swimming (INTERMEDIATE).
- Do not send data for units which have not started.

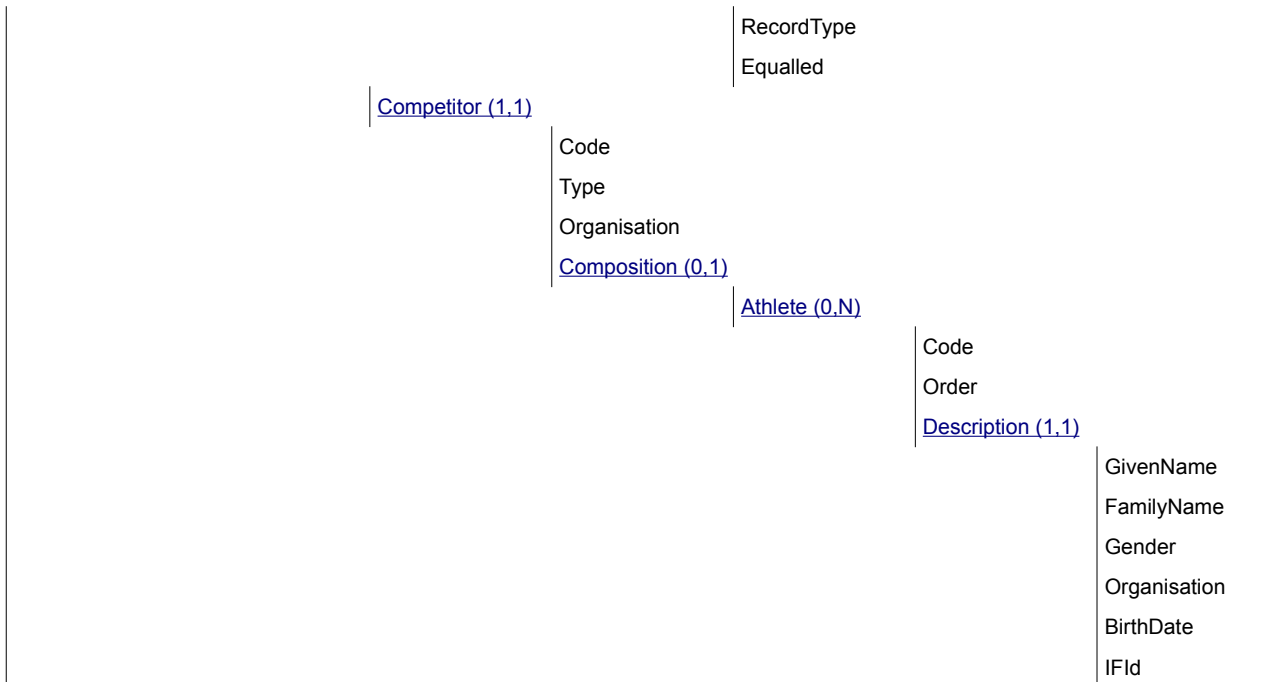


- Send as UNOFFICIAL / OFFICIAL when all units are complete.

### 2.3.4.4 Message Structure

The following table defines the structure of the message.

| Level 1                           | Level 2                             | Level 3                                | Level 4                               | Level 5 | Level 6 | Level 7 |
|-----------------------------------|-------------------------------------|--|---------------------------------------|---------|---------|---------|
| <a href="#">Competition (0.1)</a> |                                     |  |                                       |         |         |         |
|                                   | Gen                                 |  |                                       |         |         |         |
|                                   | Sport                               |  |                                       |         |         |         |
|                                   | Codes                               |  |                                       |         |         |         |
|                                   | <a href="#">ExtendedInfos (0.1)</a> |  |                                       |         |         |         |
|                                   |                                     | <a href="#">Progress (0.1)</a>         |                                       |         |         |         |
|                                   |                                     |  | LastUnit                              |         |         |         |
|                                   |                                     | <a href="#">SportDescription (0.1)</a> |                                       |         |         |         |
|                                   |                                     |  | DisciplineName                        |         |         |         |
|                                   |                                     |  | EventName                             |         |         |         |
|                                   |                                     |  | SubEventName                          |         |         |         |
|                                   |                                     |  | Gender                                |         |         |         |
|                                   |                                     | <a href="#">VenueDescription (0.1)</a> |                                       |         |         |         |
|                                   |                                     |  | Venue                                 |         |         |         |
|                                   |                                     |  | VenueName                             |         |         |         |
|                                   |                                     |  | Location                              |         |         |         |
|                                   |                                     |  | LocationName                          |         |         |         |
|                                   | <a href="#">Result (1.N)</a>        |  |                                       |         |         |         |
|                                   |                                     | Rank                                   |                                       |         |         |         |
|                                   |                                     | RankEqual                              |                                       |         |         |         |
|                                   |                                     | Result                                 |                                       |         |         |         |
|                                   |                                     | IRM                                    |                                       |         |         |         |
|                                   |                                     | SortOrder                              |                                       |         |         |         |
|                                   |                                     | ResultType                             |                                       |         |         |         |
|                                   |                                     | <a href="#">ExtendedResults (0.1)</a>  |                                       |         |         |         |
|                                   |                                     |  | <a href="#">ExtendedResult (1.N)</a>  |         |         |         |
|                                   |                                     |  |                                       | Type    |         |         |
|                                   |                                     |  |                                       | Code    |         |         |
|                                   |                                     |  |                                       | Pos     |         |         |
|                                   |                                     |  |                                       | Value   |         |         |
|                                   |                                     | <a href="#">RecordIndicators (0.1)</a> |                                       |         |         |         |
|                                   |                                     |  | <a href="#">RecordIndicator (1.N)</a> |         |         |         |
|                                   |                                     |  |                                       | Order   |         |         |
|                                   |                                     |  |                                       | Code    |         |         |



### 2.3.4.5 Message Values

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

| Element: Competition /ExtendedInfos /Progress (0,1) |     |                          |   |
|---|-----|--------------------------|---|
| Attribute   | M/O | Value                    | Description   |
| LastUnit  | M   | <a href="#">CC @Unit</a> | Full RSC of the first unit (if not started) or most recent unit information included in 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)           | Phase 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   | <a href="#">CC @VenueCode</a> | Venue Code  |
| VenueName            | M   | S(25)                         | Venue ENG Description (not code) from Common Codes    |
| Location             | M   | <a href="#">CC @Location</a>  | Location code   |
| LocationName         | M   | S(30)                         | Location ENG Description (not code) from Common Codes |

| Element: Competition /Result (1,N)   |     |                                |  |
|--|-----|--------------------------------|--|
| For any Phase Results message, there should be at least one competitor being awarded a result for the phase. |     |                                |  |
| Attribute  | M/O | Value                          | Description  |
| Rank   | O   | Text                           | Rank of the competitor in the corresponding phase of swimming.<br>This attribute is optional because the competitor could get an invalid rank mark.  |
| RankEqual  | O   | S(1)                           | Identifies if a rank has been equalled. Send "Y" if applicable else do not send  |
| Result   | O   | Numeric<br>###0                | Result for the particular phase.<br>Send Only in the case @ResultType is Points or IRM with points.  |
| IRM  | O   | <a href="#">SC @IRM</a>        | The invalid result mark, if applicable.<br>Send in the case @ResultType is IRM or both IRM and points.   |
| SortOrder  | M   | Numeric                        | This attribute is a sequential number with the order of the results for the particular phase, 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. |
| ResultType   | O   | <a href="#">SC @ResultType</a> | Result type, either POINTS or IRM / IRM_POINTS for the corresponding phase.  |

| Element: Competition /Result /ExtendedResults /ExtendedResult (1,N) |                  |            |                                    |   |
|---|------------------|------------|------------------------------------|---|
| Type  | Code             | Pos        | Description                        |   |
| ER  | TIME             | N/A        | Element Expected:<br>Always        |   |
|   | <b>Attribute</b> | <b>M/O</b> | <b>Value</b>                       | <b>Description</b>                                      |
|   | Value            | M          | m:ss.ff                            | Send the time   |
| ER  | UNIT_NUM         | N/A        | Element Expected:<br>Always        |   |
|   | <b>Attribute</b> | <b>M/O</b> | <b>Value</b>                       | <b>Description</b>                                      |
|   | Value            | M          | Numeric<br>0                       | Send the heat number                                    |
| ER  | UNIT_LANE        | N/A        | Element Expected:<br>Always        |   |
|   | <b>Attribute</b> | <b>M/O</b> | <b>Value</b>                       | <b>Description</b>                                      |
|   | Value            | M          | Numeric<br>#0                      | Send the lane/order number for the athlete in the unit. |
| ER  | PTY              | N/A        | Element Expected:<br>If applicable |   |



| Attribute | M/O | Value          | Description  |
|-----------|-----|----------------|--|
| Value     | M   | Numeric<br>##0 | Send the penalties in swimming if applicable else do not send. |

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

Phase result's record indicator.

| Attribute  | M/O | Value                          | Description   |
|------------|-----|--------------------------------|---|
| Order      | M   | Numeric                        | The hierarchy (priority) for types of record from 1 to n with WR being the highest.<br>(Can use the Order column from CC @RecordType for reference).                        |
| Code       | M   | <a href="#">CC @RecordCode</a> | Code which describes the record broken by the result value.   |
| RecordType | M   | <a href="#">CC @RecordType</a> | Code which specifies the level at which the record is broken (e.g. "WR"). Must always send the highest or most relevant record type. For example if WR and OR then send WR. |
| Equalled   | O   | S(1)                           | Send "Y" in the case that the record has been equalled else do not send.  |

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

Competitor related to one phase result.

| Attribute    | M/O | Value                            | Description               |
|--------------|-----|----------------------------------|---------------------------|
| Code         | M   | S(20) with no leading zeroes     | Competitor's ID           |
| Type         | M   | S(1)                             | A for athlete             |
| Organisation | M   | <a href="#">CC @Organisation</a> | Competitor's organisation |

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

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

**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   | <a href="#">CC @PersonGender</a> | Gender of the athlete   |
| Organisation | M   | <a href="#">CC @Organisation</a> | Athletes' organisation  |
| BirthDate    | O   | Date                             | Birth date (example: YYYY-MM-DD). Must include if the data is available |
| IFId         | O   | S(16)                            | International Federation ID   |

**Sample (General)**



```
....  
<Result Rank="1" ResultType="POINTS" Result="372" SortOrder="1">  
  <ExtendedResults>  
    <ExtendedResult Type="ER" Code="TIME" Value="2:08.86" />  
    <ExtendedResult Type="ER" Code="UNIT_NUM" Value="3" />  
    <ExtendedResult Type="ER" Code="UNIT_RANK" Value="2" />  
  </ExtendedResults>  
  ...  
...
```

### 2.3.4.6 Message Sort

Result @SortOrder followed by Athlete @Order.



## 2.3.5 Cumulative Results

### 2.3.5.1 Description

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

### 2.3.5.2 Header Values

The following table describes the message header attributes.

| Attribute       | Value                            | Comment  |
|-----------------|----------------------------------|--|
| CompetitionCode | <a href="#">CC @Competition</a>  | Unique ID for competition  |
| DocumentCode    | CC @Phase<br>CC @Unit            | Full RSC of the event and fencing, depending on the message contents.<br><br>For Final:<br>MPNMINDIVID-----FNL-----<br>MPNWINDIVID-----FNL-----<br><br>For Semi-finals<br>MPNMINDIVID-----SFNL-----<br>MPNWINDIVID-----SFNL-----<br>MPNMINDIVID-----SFNL000100--<br>MPNMINDIVID-----SFNL000200--<br>MPNWINDIVID-----SFNL000100--<br>MPNWINDIVID-----SFNL000200--<br><br>For Fencing:<br>MPNMINDIVID-----SFNL0001FE--<br>MPNMINDIVID-----SFNL0002FE--<br>MPNMINDIVID-----FNL-0001FE--<br>MPNWINDIVID-----SFNL0001FE--<br>MPNWINDIVID-----SFNL0002FE--<br>MPNWINDIVID-----FNL-0001FE-- |
| DocumentSubcode | N/A                              | N/A  |
| DocumentType    | DT_CUMULATIVE_RESULT             | Cumulative Results message   |
| DocumentSubtype | N/A                              | N/A  |
| Version         | 1..V                             | Version number associated to the message's content. Ascending number   |
| ResultStatus    | <a href="#">CC @ResultStatus</a> | It indicates the status of the results<br>START_LIST<br>LIVE<br>INTERMEDIATE<br>UNOFFICIAL<br>OFFICIAL<br>PROTESTED  |
| FeedFlag        | "P" - Production<br>"T" - Test   | Test message or production message.  |
| Date            | Date                             | Date when the message is generated, expressed in the local time zone where the message was produced.   |
| Time            | Time                             | Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced.  |



|             |                            |   |
|-------------|----------------------------|---|
| LogicalDate | Date                       | Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight. See full explanation in ODF Foundation. |
| Source      | <a href="#">SC @Source</a> | Code indicating the system which generated the message.   |

### 2.3.5.3 Trigger and Frequency

For the fencing message:

- Before the semifinals and final (START\_LIST). This includes the ranking round scores for upcoming semifinals/final.
- After each bout in Bonus Round (LIVE)
- After the last bout in Bonus Round, after the fencing results are approved (UNOFFICIAL / OFFICIAL)

For the MP points message (same in semifinals and final)

- After fencing ranking round (START\_LIST)

For riding:

- At the beginning of riding, and after each rider has completed their round only include rank for those who have a riding result (only comparing like competitors) (LIVE)
- When all riding results are approved (INTERMEDIATE)

For fencing bonus round:

- After each bout in Bonus Round but only include rank for those with the with the same number of event components completed. (LIVE)
- After the last bout in Bonus Round, after the fencing results are approved (INTERMEDIATE).

For swimming:

- After each swimming heat (LIVE) but only include rank for those who have a swim result (only comparing like competitors)
- When all swimming results are approved (INTERMEDIATE)

For laser-run:

- After each athlete completes the course only include rank for those who have a run result (only comparing like competitors) (LIVE)
- When the event has finished (after all phases), after the laser-run running/shooting results are approved (UNOFFICIAL / OFFICIAL)

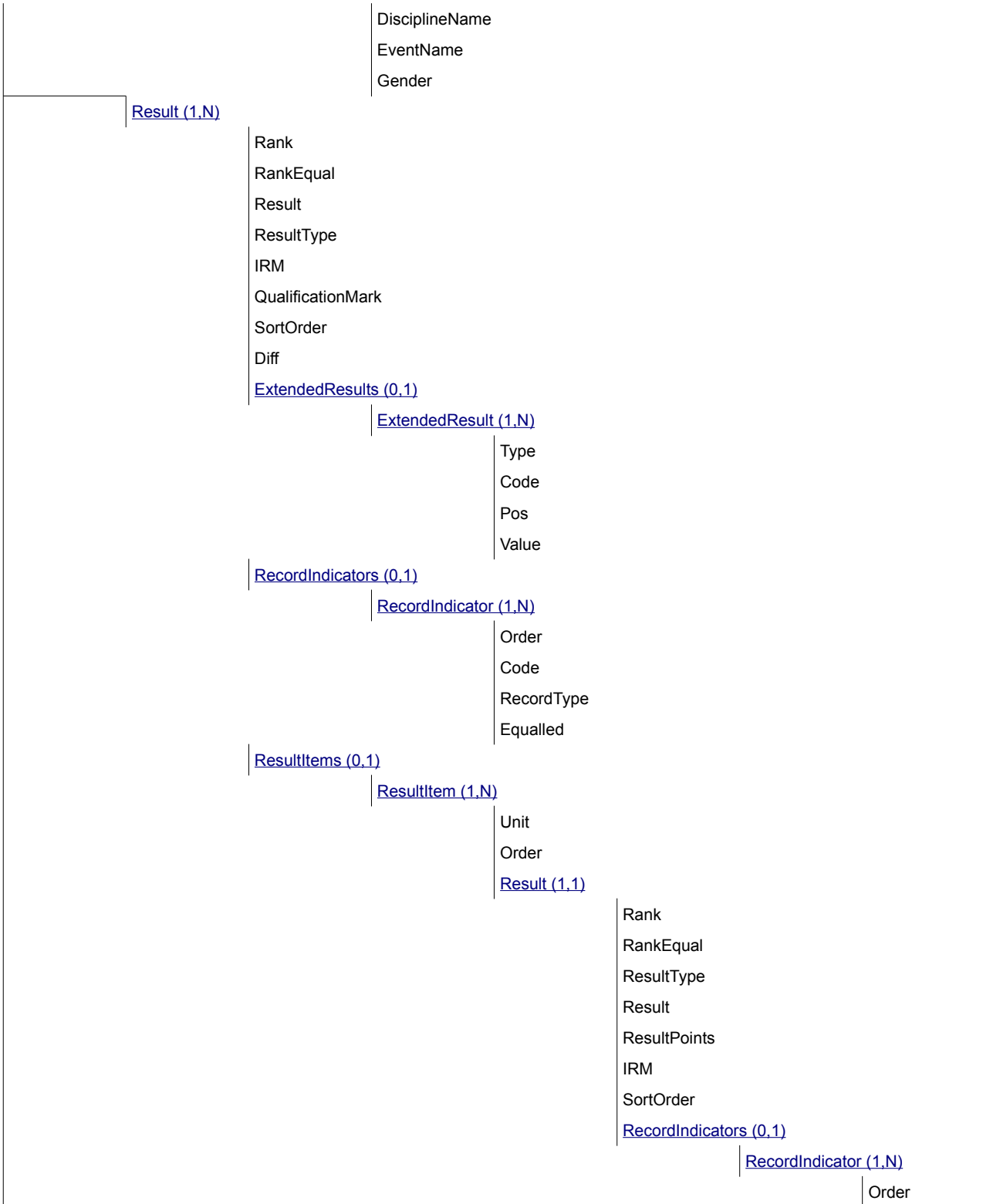
For semifinal summary:

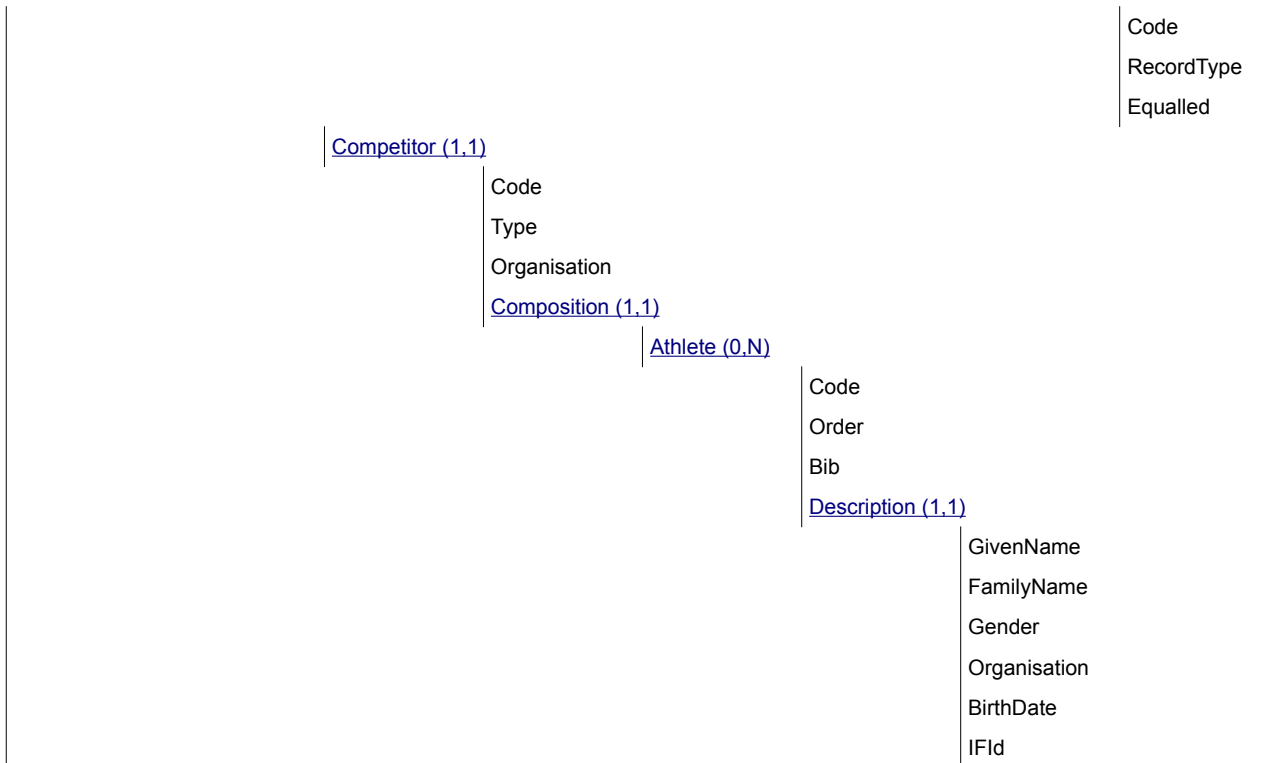
The message covering both semifinals is only sent after the both semifinals are OFFICIAL and the message is sent as OFFICIAL.

### 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 |
|-----------------------------------|-------------------------------------|--|----------|---------|---------|---------|---------|
| <a href="#">Competition (0,1)</a> |                                     |  |          |         |         |         |         |
|                                   | Gen                                 |  |          |         |         |         |         |
|                                   | Sport                               |  |          |         |         |         |         |
|                                   | Codes                               |  |          |         |         |         |         |
|                                   | <a href="#">ExtendedInfos (0,1)</a> |  |          |         |         |         |         |
|                                   |                                     | <a href="#">Progress (0,1)</a>         |          |         |         |         |         |
|                                   |                                     |  | LastUnit |         |         |         |         |
|                                   |                                     | <a href="#">SportDescription (0,1)</a> |          |         |         |         |         |





### 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 /Progress (0,1) |     |                          |   |
|---|-----|--------------------------|---|
| Attribute   | M/O | Value                    | Description   |
| LastUnit  | M   | <a href="#">CC @Unit</a> | Send the full RSC of the most recently completed unit or current unit if in progress included in 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.     |
| Gender  | M   | CC @SportGender | Gender code for the event unit                          |



| Element: Competition /Result (1,N)   |     |                                |   |
|--|-----|--------------------------------|---|
| For any cumulative results message, there should be at least one competitor being awarded a cumulative result after one event unit or phase. |     |                                |   |
| Attribute  | M/O | Value                          | Description   |
| Rank   | O   | Text                           | Rank of the competitor in the cumulative result.<br><br>For the overall message this value is first included with the ranking round results but is only included in subsequent messages for those athletes with the same number of sub-events complete (for example during riding only include for those who have completed the ride or has an IRM), similarly in subsequent sub-events.<br><br>For Fencing, it should be sent as soon as the competition starts. |
| RankEqual  | O   | S(1)                           | Identifies if a rank has been equalled. Only send if applicable, in that case send "Y".   |
| Result   | O   | Numeric<br>###0                | The cumulative result of the competitor, i.e. Modern Pentathlon points achieved.<br>Send in the case @ResultType is Points or IRM with points.  |
| ResultType   | O   | <a href="#">SC @ResultType</a> | Type of the @Result attribute.<br>Result type, either POINTS or IRM without/with points for the cumulative result   |
| IRM  | O   | <a href="#">SC @IRM</a>        | The invalid result mark for the cumulative result, in case it is assigned.<br>Send Only in the case @ResultType is IRM or both IRM and points.  |
| QualificationMark  | O   | SC @QualificationMark          | Qualification mark if applicable  |
| SortOrder  | M   | Numeric                        | This attribute is a sequential number with the order of the results for the cumulative result, if they were to be presented. It is mostly based on the rank, but it should be used to sort out rank ties as well as results without rank.   |
| Diff   | O   | mm:ss                          | Time behind leader.<br>Send 0:00 for the leader<br>Not applicable in Fencing Cumulative message.<br>As defined in Foundation, remove leading zeros.   |

| Element: Competition /Result /ExtendedResults /ExtendedResult (1,N) |                    |   |  |
|---|--------------------|---|--|
| Competitor's extended results.                                      |                    |   |  |
| Type  | Code               | Pos   | Description  |
| ER_FE   | PTY                | N/A   | Element Expected:<br>Only for Fencing discipline phase (in case of penalties). |
|   | <b>Attribute</b>   | <b>M/O</b>  | <b>Value</b>   |
|   | Value              | M   | Numeric<br>##0   |
|   | <b>Description</b> | Number of penalties (MP Points) within the Fencing discipline. Do not send if no penalties. |  |
| ER  | GROUP              | N/A   | Element Expected:<br>Always in semifinals                                      |
|   | <b>Attribute</b>   | <b>M/O</b>  | <b>Value</b>   |
|   | Value              | M   | S(1)   |
|   | <b>Description</b> | Send A or B to indicate the semifinal for this  |  |





|    |                  |            |                 |  |
|----|------------------|------------|-----------------|--|
|    |                  |            |                 | athlete.                                 |
| ER |                  | FENCING_RR | N/A             | Element Expected:<br>Only for MP message |
|    | <b>Attribute</b> | <b>M/O</b> | <b>Value</b>    | <b>Description</b>                       |
|    | Value            | M          | Numeric<br>###0 | Points for fencing RR                    |
| ER |                  | FENCING_BR | N/A             | Element Expected:<br>Only for MP message |
|    | <b>Attribute</b> | <b>M/O</b> | <b>Value</b>    | <b>Description</b>                       |
|    | Value            | M          | Numeric<br>#0   | Points for fencing BR                    |

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

Cumulative result's record indicator.

| Attribute  | M/O | Value                          | Description   |
|------------|-----|--------------------------------|---|
| Order      | M   | Numeric                        | The hierarchy (priority) for types of record from 1 to n. (Can use the Order column from CC @RecordType for reference). @Order=1 is the most important one.                 |
| Code       | M   | <a href="#">CC @RecordCode</a> | Code which describes the record broken by the Result /Result value (for Overall).   |
| RecordType | M   | <a href="#">CC @RecordType</a> | Code which specifies the level at which the record is broken (e.g. "WR"). Must always send the highest or most relevant record type. For example if WR and OR then send WR. |
| Equalled   | O   | S(1)                           | Send "Y" in the case that the record has been equalled else do not send.  |

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

Identifier of the unit which is included the result summary.

ResultItem /Result will be for one particular previous unit.

| Attribute | M/O | Value                    | Description   |
|-----------|-----|--------------------------|---|
| Unit      | M   | <a href="#">CC @Unit</a> | MP message: This is the unit level RSC<br>Fencing message: Unit level RSC |
| Order     | M   | Numeric<br>#0            | Logical order of the units, usually schedule order.                       |

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

For any Event Unit Results message, there should be at least one competitor being awarded a result for the event unit.

| Attribute | M/O | Value | Description   |
|-----------|-----|-------|---|
| Rank      | O   | Text  | Rank of the competitor in the result for the phase identified by @Unit at /ResultItems /ResultItem.<br><br>For the fencing phase in the overall message this value is included after the ranking round is completed and updated during the bonus round. |
| RankEqual | O   | S(1)  | Identifies if a rank has been equalled. Send "Y" if applicable or do not send.  |



|              |   |                                |  |
|--------------|---|--------------------------------|--|
| ResultType   | O | <a href="#">SC @ResultType</a> | Result type for the corresponding discipline phase.<br>Do not send in fencing only message.  |
| Result       | O | String                         | Result of the competitor in the particular discipline phase (not points)<br>In the case of Fencing this will be the number of victories/number of defeats in Fencing RR + Bonus pts as in ORIS; e.g.: "24V/7D + 1"<br>Do not send in Fencing only message. |
| ResultPoints | O | Numeric<br>###0                | Convert the performance to points. For fencing it is all of fencing in the overall message. In the fencing message it is the points in each part.  |
| IRM          | O | <a href="#">SC @IRM</a>        | The invalid result mark (IRM) for the particular discipline phase, in case it is assigned.<br>Only send in the case @ResultType is IRM or both IRM and points.   |
| SortOrder    | M | Numeric                        | Used to sort all results in the phase identified by phase identified by @Unit at /ResultItems /ResultItem.   |

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

**Result's record indicator.**

| Attribute  | M/O | Value                          | Description  |
|------------|-----|--------------------------------|--|
| Order      | M   | Numeric<br>0                   | The hierarchy (priority) for types of record from 1 to n. Can use the Order column from CC @RecordType for reference).   |
| Code       | M   | <a href="#">CC @RecordCode</a> | Code which describes the record broken by the result value.  |
| RecordType | M   | <a href="#">CC @RecordType</a> | Code which specifies the level at which the record is broken (e.g. "OR"). Must always send the highest or most relevant record type. For example, if WR and OR then send WR. |
| Equalled   | O   | S(1)                           | Send "Y" in the case that the record has been equalled else do not send.   |

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

**Competitor related to one cumulative result.**

| Attribute    | M/O | Value                            | Description               |
|--------------|-----|----------------------------------|---------------------------|
| Code         | M   | S(20) with no leading zeroes     | Competitor's ID           |
| Type         | M   | S(1)                             | A for athlete             |
| Organisation | M   | <a href="#">CC @Organisation</a> | Competitor's organisation |

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

| Attribute | M/O | Value                        | Description                             |
|-----------|-----|------------------------------|---|
| Code      | M   | S(20) with no leading zeroes | Athlete's ID                            |
| Order     | M   | Numeric                      | Send 1 if the competitor is an athlete. |
| Bib       | O   | S(4)                         | Bib number                              |

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



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

### Sample (Overall)

```
<Result SortOrder="1" Rank="1" Result="1144" ResultType="POINTS" Diff="0.00">
  <RecordIndicators>
  <RecordIndicator Order="1" Code="MPNINDIVID-----" RecordType="OR" />
  </RecordIndicators>
  <ResultItems>
  <ResultItem Unit="MPNMINDIVID-----FE-----" Order="1" >
    <Result SortOrder="32" Rank="32" ResultPoints="154" Result="9V/22D + 0" ResultType="POINTS" />
  </ResultItem>
  <ResultItem Unit="MPNMINDIVID-----SW-----" Order="2" >
    <Result SortOrder="2" Rank="2" ResultPoints="376" Result="1:48.29" ResultType="TIME" />
  </ResultItem>
  <ResultItem Unit="MPNMINDIVID-----EQ-----" Order="3" >
    <Result SortOrder="23" Rank="23" ResultPoints="296" Result="64.29" ResultType="TIME" />
  </ResultItem>
  <ResultItem Unit="MPNMINDIVID-----COMB-----" Order="4" >
    <Result SortOrder="1" Rank="1" ResultPoints="318" Result="16:43.28" ResultType="TIME" />
  </ResultItem>
  </ResultItems>
  <Competitor Code="1109018" Type="A" Organisation="NZL" >
  <Composition>
  <Athlete Code="1109018" Order="1" Bib="118" >
    <Description GivenName="John" FamilyName="Smith" Gender="M" Organisation="NZL" BirthDate="1994-12-15"
    IFId="M001778" />
  </Athlete>
  </Composition>
  </Competitor>
</Result>
```

### Sample (Fencing)



```
<Result SortOrder="1" Rank="1" Result="259" ResultType="POINTS" >
  <ExtendedResults>
    <ExtendedResult Type="ER_FE" Code="PTY" Value="11" />
  </ExtendedResults>
  <ResultItems>
    <ResultItem Unit="MPNMINDIVID-----FE--000100--" Order="1" >
      <Result SortOrder="1" Rank="1" ResultPoints="257" />
    </ResultItem>
    <ResultItem Unit="MPNMINDIVID-----FE--000200--" Order="2" >
      <Result SortOrder="1" ResultPoints="2" />
    </ResultItem>
  </ResultItems>
  <Competitor Code="1109018" Type="A" Organisation="NZL" >
    <Composition>
      <Athlete Code="1109018" Order="1" Bib="118" >
        <Description GivenName="John" FamilyName="Smith" Gender="M" Organisation="NZL" BirthDate="1994-12-15"
        IFId="M001778" />
      </Athlete>
    </Composition>
  </Competitor>
</Result>
```

### 2.3.5.6 Message Sort

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



## 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.

In modern pentathlon the message is only applicable in laser-run.

### 2.3.6.2 Header Values

The following table describes the message header attributes.

| Attribute       | Value                            | Comment  |
|-----------------|----------------------------------|--|
| CompetitionCode | <a href="#">CC_@Competition</a>  | Unique ID for competition  |
| DocumentCode    | <a href="#">CC_@Unit</a>         | Full RSC of the unit (in laser run)  |
| DocumentSubcode | Numeric<br>#0                    | Picture number<br>This value is a sequential number for each picture provided in a unit (RSC). The value will be 1, 2, 3 ...<br>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.<br>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    | <a href="#">CC_@ResultStatus</a> | Only applicable status is OFFICIAL   |
| FeedFlag        | "P" - Production<br>"T" - Test   | Test message or production message.  |
| Date            | Date                             | Date when the message is generated, expressed in the local time zone where the message was produced.   |
| Time            | Time                             | Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced.  |
| LogicalDate     | Date                             | Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight.<br>See full explanation in ODF Foundation.   |
| Source          | <a href="#">SC_@Source</a>       | 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.

| Level 1                           | Level 2                     | Level 3                         | Level 4                          | Level 5                           | Level 6                       | Level 7                           | Level 8    |
|-----------------------------------|-----------------------------|---------------------------------|----------------------------------|-----------------------------------|-------------------------------|-----------------------------------|------------|
| <a href="#">Competition (0.1)</a> |                             |                                 |                                  |                                   |                               |                                   |            |
|                                   | Gen                         |                                 |                                  |                                   |                               |                                   |            |
|                                   | Sport                       |                                 |                                  |                                   |                               |                                   |            |
|                                   | Codes                       |                                 |                                  |                                   |                               |                                   |            |
|                                   | <a href="#">Image (1.N)</a> |                                 |                                  |                                   |                               |                                   |            |
|                                   |                             | Pos                             |                                  |                                   |                               |                                   |            |
|                                   |                             | Version                         |                                  |                                   |                               |                                   |            |
|                                   |                             | Revision                        |                                  |                                   |                               |                                   |            |
|                                   |                             | ImageType                       |                                  |                                   |                               |                                   |            |
|                                   |                             | <a href="#">Result (0.N)</a>    |                                  |                                   |                               |                                   |            |
|                                   |                             |                                 | Result                           |                                   |                               |                                   |            |
|                                   |                             |                                 | Rank                             |                                   |                               |                                   |            |
|                                   |                             |                                 | StartOrder                       |                                   |                               |                                   |            |
|                                   |                             |                                 | SortOrder                        |                                   |                               |                                   |            |
|                                   |                             |                                 | <a href="#">Competitor (1.1)</a> |                                   |                               |                                   |            |
|                                   |                             |                                 |                                  | Code                              |                               |                                   |            |
|                                   |                             |                                 |                                  | Type                              |                               |                                   |            |
|                                   |                             |                                 |                                  | Organisation                      |                               |                                   |            |
|                                   |                             |                                 |                                  | <a href="#">Composition (0.1)</a> |                               |                                   |            |
|                                   |                             |                                 |                                  |                                   | <a href="#">Athlete (1.N)</a> |                                   |            |
|                                   |                             |                                 |                                  |                                   |                               | Code                              |            |
|                                   |                             |                                 |                                  |                                   |                               | Order                             |            |
|                                   |                             |                                 |                                  |                                   |                               | Bib                               |            |
|                                   |                             |                                 |                                  |                                   |                               | <a href="#">Description (1.1)</a> |            |
|                                   |                             |                                 |                                  |                                   |                               |                                   | GivenName  |
|                                   |                             |                                 |                                  |                                   |                               |                                   | FamilyName |
|                                   |                             | <a href="#">ImageData (1.1)</a> |                                  |                                   |                               |                                   |            |
|                                   |                             |                                 |                                  |                                   |                               |                                   | -          |

### 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<br>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. (individual) |
| Type  | M   | S(1)                             | A for athlete.                |
| Organisation  | M   | <a href="#">CC @Organisation</a> | Competitor's organisation     |

| 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 number    |

| Element: Competition /Image /Result /Competitor /Composition /Athlete /Description (1,1) |     |       |             |
|--|-----|-------|-------------|
| Attribute  | M/O | Value | Description |
| GivenName  | O   | S(25) | Given name  |



|            |   |       |             |
|------------|---|-------|-------------|
| FamilyName | M | S(25) | Family 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="1109018" Type="A" Organisation="NZL" >
      <Composition>
        <Athlete Code="1109018" Order="1" Bib="118" >
          <Description GivenName="John" FamilyName="Smith" />
        </Athlete>
      </Composition>
    </Competitor>
  </Result>
  <Result Result="3:26.26" Rank="2" StartOrder="3" SortOrder="2" >
    <Competitor Code="1109033" Type="A" Organisation="AUT" >
      <Composition>
        <Athlete Code="1109018" Order="1" Bib="118" >
          <Description GivenName="John" FamilyName="Brown" />
        </Athlete>
      </Composition>
    </Competitor>
  </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 Records

### 2.3.7.1 Description

The message contains the list of all records from the start of the Games (events depending on header).

Special Situations - Not Established Records:

There are some situations where there are no records for a particular event. This can happen, for example, when the sport rules change (different weights or distances) or new events are introduced.

If this occurs then the NotEstablished flag is used to indicate this situation.

If a record is established for this event in the current competition then the NotEstablished flag and description will not be sent when a new record is established.

### 2.3.7.2 Header Values

The following table describes the message header attributes.

| Attribute       | Value                           | Comment  |
|-----------------|---------------------------------|--|
| CompetitionCode | <a href="#">CC @Competition</a> | Unique ID for competition  |
| DocumentCode    | <a href="#">CC @Discipline</a>  | Full RSC of the Discipline   |
| DocumentSubcode | <a href="#">CC @RecordCode</a>  | If the message is sent as a result of a record being modified (broken, equalled or re-instated) then this attribute will be included and is the Record Event for the modification. |
| DocumentType    | DT_RECORD                       | Records message  |
| DocumentSubtype | FULL,<br>PARTIAL                | Send "FULL" if all records included.<br>Send "PARTIAL" if only one record code is included.  |
| Version         | 1..V                            | Version number associated to the message's content. Ascending number   |
| FeedFlag        | "P" - Production<br>"T" - Test  | Test message or production message.  |
| Date            | Date                            | Date when the message is generated, expressed in the local time zone where the message was produced.   |
| Time            | Time                            | Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced.  |
| LogicalDate     | Date                            | Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight. See full explanation in ODF Foundation.          |
| Source          | <a href="#">SC @Source</a>      | Code indicating the system which generated the message.  |

### 2.3.7.3 Trigger and Frequency

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

Note: It is sent by central systems before the competition with the historical records and by OVR after competition starts with each new record set or equalled.



### 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 | Level 8 | Level 9 |
|-----------------------------------|-------------------------------------|--|----------------------------------|----------------------------------|-----------------------------------|---------|---------|---------|
| <a href="#">Competition (0.1)</a> |                                     |  |                                  |                                  |                                   |         |         |         |
|                                   | Gen                                 |  |                                  |                                  |                                   |         |         |         |
|                                   | Sport                               |  |                                  |                                  |                                   |         |         |         |
|                                   | Codes                               |  |                                  |                                  |                                   |         |         |         |
|                                   | <a href="#">ExtendedInfos (0.1)</a> |  |                                  |                                  |                                   |         |         |         |
|                                   |                                     | <a href="#">SportDescription (0.1)</a> |                                  |                                  |                                   |         |         |         |
|                                   |                                     |  | DisciplineName                   |                                  |                                   |         |         |         |
|                                   | <a href="#">Record (1.N)</a>        |  |                                  |                                  |                                   |         |         |         |
|                                   |                                     | Code                                   |                                  |                                  |                                   |         |         |         |
|                                   |                                     | <a href="#">Description (1.1)</a>      |                                  |                                  |                                   |         |         |         |
|                                   |                                     |  | Name                             |                                  |                                   |         |         |         |
|                                   |                                     | <a href="#">RecordType (1.N)</a>       |                                  |                                  |                                   |         |         |         |
|                                   |                                     |  | Order                            |                                  |                                   |         |         |         |
|                                   |                                     |  | RecordType                       |                                  |                                   |         |         |         |
|                                   |                                     |  | Shared                           |                                  |                                   |         |         |         |
|                                   |                                     |  | NotEstablished                   |                                  |                                   |         |         |         |
|                                   |                                     |  | NotEstablishedLabel              |                                  |                                   |         |         |         |
|                                   |                                     |  | <a href="#">RecordData (0.N)</a> |                                  |                                   |         |         |         |
|                                   |                                     |  |                                  | Order                            |                                   |         |         |         |
|                                   |                                     |  |                                  | ResultType                       |                                   |         |         |         |
|                                   |                                     |  |                                  | Result                           |                                   |         |         |         |
|                                   |                                     |  |                                  | Unit                             |                                   |         |         |         |
|                                   |                                     |  |                                  | Country                          |                                   |         |         |         |
|                                   |                                     |  |                                  | Place                            |                                   |         |         |         |
|                                   |                                     |  |                                  | Date                             |                                   |         |         |         |
|                                   |                                     |  |                                  | Time                             |                                   |         |         |         |
|                                   |                                     |  |                                  | Equalled                         |                                   |         |         |         |
|                                   |                                     |  |                                  | Competition                      |                                   |         |         |         |
|                                   |                                     |  |                                  | Historical                       |                                   |         |         |         |
|                                   |                                     |  |                                  | Current                          |                                   |         |         |         |
|                                   |                                     |  |                                  | ModificationIndicator            |                                   |         |         |         |
|                                   |                                     |  |                                  | <a href="#">Competitor (0.1)</a> |                                   |         |         |         |
|                                   |                                     |  |                                  |                                  | Code                              |         |         |         |
|                                   |                                     |  |                                  |                                  | Type                              |         |         |         |
|                                   |                                     |  |                                  |                                  | Organisation                      |         |         |         |
|                                   |                                     |  |                                  |                                  | <a href="#">Composition (0.1)</a> |         |         |         |



|  |  |
|--|--|
|  | <p><a href="#">Athlete (1,N)</a></p> <p>Code</p> <p>Order</p> <p><a href="#">Description (0,1)</a></p> <p>GivenName</p> <p>FamilyName</p> <p>Gender</p> <p>Organisation</p> <p>BirthDate</p> <p>IFId</p> |
|--|--|

### 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 |

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

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

| Element: Competition /Record /RecordType (1,N)  |     |                                |  |
|---|-----|--------------------------------|--|
| It is possible to have more than one element with the same type (as in the case of National Records). |     |                                |  |
| Attribute   | M/O | Value                          | Description  |
| Order   | M   | Numeric #0                     | The hierarchy (priority) for types of record from 1 to n. (Can use the Order column from <a href="#">CC @RecordType</a> to assist in case several records are broken, from high priority to low priority but must still use 1 to n). |
| RecordType  | M   | <a href="#">CC @RecordType</a> | Record type.   |



|                     |   |              |   |
|---------------------|---|--------------|---|
| Shared              | M | S(1)         | Y-There is more than one competitor sharing the record<br>N-There is just one competitor holding the record |
| NotEstablished      | O | S(1)         | Send "Y" in the case there is no record in this category else do not send.                                  |
| NotEstablishedLabel | O | SC @NoRecord | The code to be used in the case that NotEstablished="Y".  |

| Element: Competition /Record /RecordType /RecordData (0,N)                    |     |   |   |
|---|-----|---|---|
| RecordData is not sent for NotEstablished Records unless a "standard" applies |     |   |   |
| Attribute   | M/O | Value   | Description   |
| Order   | M   | Numeric<br>#0                                 | In the case that a record (RecordType) is provided several times in the message, then Order is the chronological order for the records (1,N). 1 will be usually the historical record and for each record broken during the competition a new order value will be provided. Usually first time the record is broken will have Order="2", second time Order="3" etc.<br>Send 1 for records (RecordType) not shared (historical records)  |
| ResultType  | M   | <a href="#">SC @ResultType</a>                | "POINTS", "TIME"<br>Indicate that the result type for the record is points, or time (according to the result related to the record (code and type).   |
| Result  | M   | Numeric<br>###0<br>or<br>mm:ss.ff<br>or S(15) | Send always unless the record is not established (can be sent for not established if there is a standard).<br><br>The result of the competitor for the record, according to the expected result (@ResultType) in this record (code and type):<br><br>-For "POINTS" (in "MP Overall" and in "Fencing" discipline -for World and Olympic records): numeric with a maximum of 4 digits (e.g.: "1400")<br>-For "POINTS" in Laser Run send the concatenation of time and points, for example 11:02.50/639.<br>-For "TIME" (in "Swimming" discipline -for World and Olympic records), (e.g.: "2:06.59" in Swimming) |
| Unit  | O   | <a href="#">CC @Unit</a>                      | Include the event unit in the current competition where the record was broken.<br><br>It is the full RSC<br><br>Send always (Mandatory) in the case Historical="N".   |
| Country   | O   | <a href="#">CC @Country</a>                   | Always send for new records and where known for historical records. Not applicable for not established records.<br>Country code where the record was broken   |
| Place   | O   | S(40)   | Always send for new records and where known for historical records. Not applicable for not established records.<br>Place (town or city) where the record was broken (example: "Salt Lake City").  |
| Date  | O   | YYYY-MM-DD                                    | Always send for new records and where known for historical records. Not applicable for not established records.<br>Date when the record was broken (for the current competition, the date will be assumed to be the date scheduled for the @Unit attribute)   |
| Time  | O   | Time  | Time the record was set.<br>Send always (Mandatory) in the case of Historical="N".  |
| Equalled  | O   | S(1)  | Send "Y" if the existing record is equalled.  |



|                       |   |       |   |
|-----------------------|---|-------|---|
|                       |   |       | Do not send if the record is not equalled.  |
| Competition           | O | S(40) | Send the text of the competition name where the record was broken (example: "2013 World Championships", "2012 Olympic Games", etc.).  |
| Historical            | M | S(1)  | Send "Y" if the record for competitor was not achieved during the current competition.<br>Send "N" if the record for the competitor was achieved during the current competition.  |
| Current               | O | S(1)  | Send "Y" in the case that this is the current record else do not send (may be multiple in the case of a shared record).   |
| ModificationIndicator | O | S(1)  | The possible values are:<br>"N" = New broken record (not provided in a previous message)<br>"R" = This record is re-instated/re-established as the current record in this message (following an invalidation or similar).<br>Do not send this attribute for other records included in the message (not broken or not re-instated) |

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

Competitor to whom the record is assigned.

Athlete's or team's information should be in DT\_PARTIC (Historic) if Competitor @Type="A" or DT\_PARTIC\_TEAMS (Historic) if Competitor @Type="T".

| Attribute    | M/O | Value                            | Description               |
|--------------|-----|----------------------------------|---------------------------|
| Code         | M   | S(20) with no leading zeroes     | Competitor's ID           |
| Type         | M   | S(1)                             | "A" for athlete           |
| Organisation | M   | <a href="#">CC @Organisation</a> | Competitors' organisation |

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

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

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

Athletes extended information.

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

**Sample (Swimming)**



```
<Record Code="MPNMINDIVID-----SWLC-----">
  <Description Name="Men's Swimming 50m Pool" />
  ...
  <RecordType RecordType="OR" Order="2" Shared="N" >
  <RecordData Order="1" ResultType="TIME" Result="1:56.01" Unit="MPNMINDIVID-----SFNL0002SW03" Country="CHN"
  Place="Beijing" Date="2008-08-10" Time="124634806" Competition="Olympic Games" Historical="Y" Current="N" />
  <Competitor Code="1217234" Type="A" Organisation="ITA" >
  <Composition>
    <Athlete Code="1217234" Order="1">
    <Description GivenName="Jacopo" FamilyName="Tulo" Gender="M" Organisation="ITA" BirthDate="1993-04-25"
  IFId="M001753" />
    </Athlete>
  </Composition>
  </Competitor>
  ...
```

### 2.3.7.6 Message Sort

The following order applies:

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



## 2.3.8 Event Final Ranking

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

### 2.3.8.2 Header Values

The following table describes the message header attributes.

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

### 2.3.8.3 Trigger and Frequency

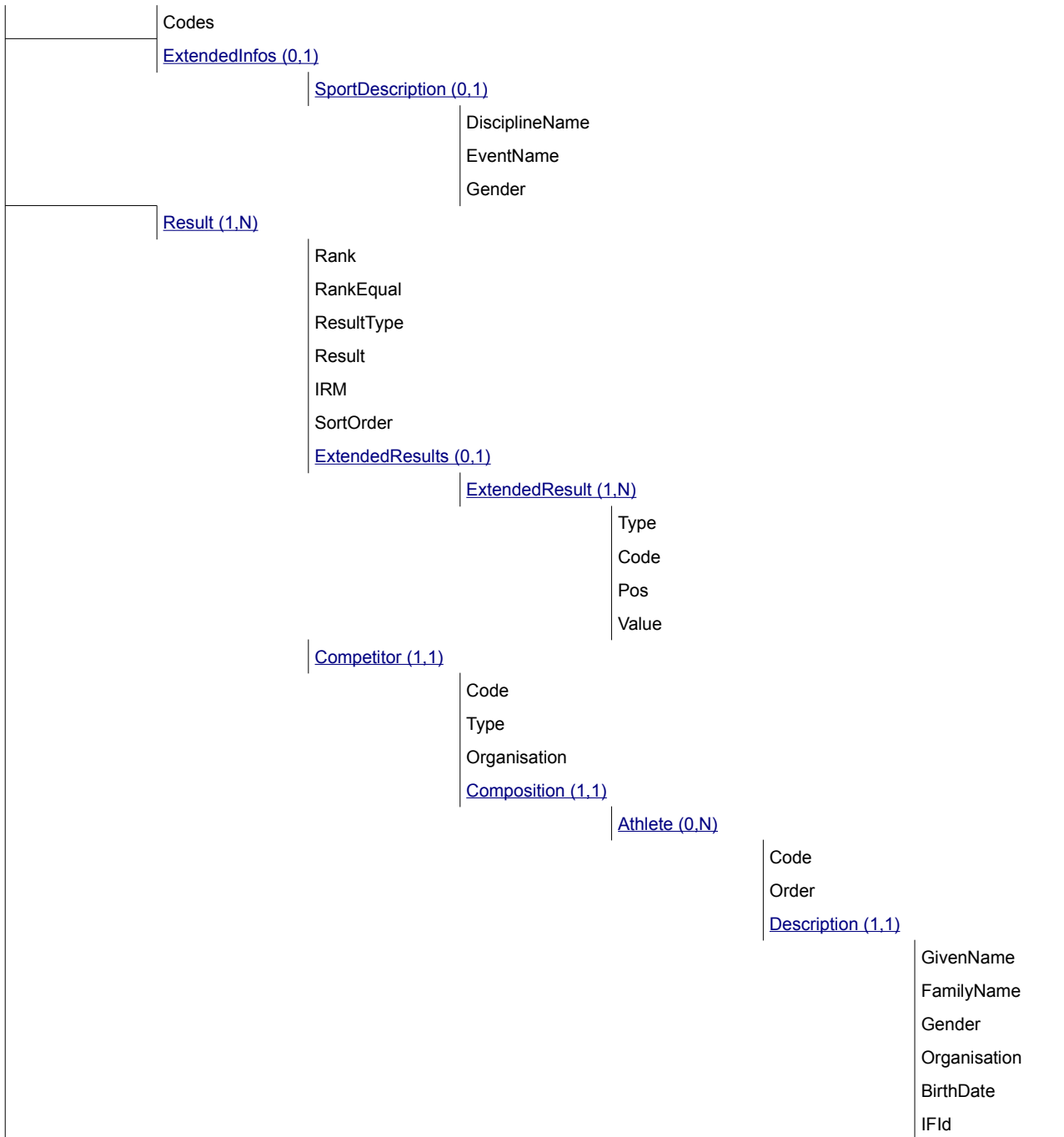
This message is only triggered after a unit which affects the final ranking is official and that particular ranking is not subject to change or some ranking in that unit are not subject to change. Effectively this means the message is only sent as official after the Laser-Run.

Trigger also after any change.

### 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 | Level 7 |
|-----------------------------------|---------|---------|---------|---------|---------|---------|
| <a href="#">Competition (0.1)</a> |         |         |         |         |         |         |
|                                   | Gen     |         |         |         |         |         |
|                                   | Sport   |         |         |         |         |         |



### 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 /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 /Result (1,N)   |     |                                |  |
|--|-----|--------------------------------|--|
| For any event final ranking message, there should be at least one competitor being awarded a result for the event. |     |                                |  |
| Attribute  | M/O | Value                          | Description  |
| Rank   | O   | Text                           | Final rank of the competitor in the corresponding event.   |
| RankEqual  | O   | S(1)                           | Identifies if a rank has been equalled. Send "Y" only if applicable.   |
| ResultType   | M   | <a href="#">SC @ResultType</a> | Result type, either points or IRM without points for the corresponding event.  |
| Result   | O   | Numeric<br>###0                | Result of the competitor, only sent in the case the competitor participated in the final.<br>Send in the case @ResultType is Points or IRM with points.  |
| IRM  | O   | <a href="#">SC @IRM</a>        | The invalid result mark, in case it is assigned.<br>Send in the case @ResultType is IRM or both IRM and points.  |
| SortOrder  | M   | Numeric<br>#0                  | This attribute is a sequential number with the order of the results for the particular event, if they were to be presented. It is mostly based on the rank, but it should be used to sort out rank ties as well as results without rank. |

| Element: Competition /Result /ExtendedResults /ExtendedResult (1,N)                 |                  |            |  |  |
|---|------------------|------------|--|--|
| Type  | Code             | Pos        | Description  |  |
| ER  | RECORD           | N/A        | Element Expected:<br>If applicable in the final  |  |
|   | <b>Attribute</b> | <b>M/O</b> | <b>Value</b>   | <b>Description</b>   |
|   | Value            | M          | CC @RecordType   | Indicates if the result of the competitor is a record (highest only) |
| ER  | SEMIFINAL        | S(1)       | Pos Description:<br>Send the semifinal for this athlete (A or B).<br>Element Expected:<br>Always |  |
|   | <b>Attribute</b> | <b>M/O</b> | <b>Value</b>   | <b>Description</b>   |
|   | Value            | M          | Numeric<br>###0  | Score of the competitor in the semifinal                             |
| <b>Sub Element: Competition /Result /ExtendedResults /ExtendedResult /Extension</b> |                  |            |  |  |



| Expected If the competitor received an IRM in this round   |         |   |
|--|---------|---|
| Attribute  | Value   | Description   |
| Code   | IRM     |   |
| Pos  | N/A     |   |
| Value  | SC @IRM | IRM of the competitor if applicable in this round.                                    |
| Sub Element: Competition /Result /ExtendedResults /ExtendedResult /Extension<br>Expected If applicable |         |   |
| Attribute  | Value   | Description   |
| Code   | RANK    |   |
| Pos  | N/A     |   |
| Value  | S(2)    | The rank of the competitor in their unit in this semifinal                            |
| Sub Element: Competition /Result /ExtendedResults /ExtendedResult /Extension<br>Expected If applicable |         |   |
| Attribute  | Value   | Description   |
| Code   | RECORD  |   |
| Pos  | N/A     |   |
| Value  | S(2)    | Indicates if the result of the competitor in the semifinal is a record (highest only) |

| 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 SC @CompetitorPlace | Competitor's ID or another indicator (SC @CompetitorPlace) in the case where there is no competitor in the rank due to IRM. NOAWARD if the place is not awarded. |
| Type   | M   | S(1)  | A for athlete  |
| Organisation                                   | O   | <a href="#">CC @Organisation</a>                    | 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                      | Send 1 when Competitor @Type="A". |

| 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   | <a href="#">CC @PersonGender</a> | Gender of the athlete   |
| Organisation  | M   | <a href="#">CC @Organisation</a> | Athletes' organisation  |
| BirthDate   | O   | Date                             | Birth date (example: YYYY-MM-DD). Must include if the data is available |
| IFId  | O   | S(16)                            | International Federation ID   |



### Sample (General)

```
<Result SortOrder="3" Rank="3" Result="1118" ResultType="POINTS">
  <Competitor Code="1130990" Type="A" Organisation="NZL">
    <Composition>
      <Athlete Code="1130990" Order="1" >
        <Description GivenName="John" FamilyName="Smith" Gender="M" Organisation="NZL" BirthDate="1994-12-15"
          IFid="M001778" />
      </Athlete>
    </Composition>
  </Competitor>
```

### 2.3.8.6 Message Sort

Sort by Result @SortOrder



## 2.3.9 Configuration

### 2.3.9.1 Description

The Configuration is a message containing general configuration.

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

Send before the competition for each unit/phase in separate messages as described.

### 2.3.9.2 Header Values

The following table describes the message header attributes.

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

### 2.3.9.3 Trigger and Frequency

The message is sent prior to any ODF Sports message sending one message for each phase (ranking round, semifinal and final) except in swimming where it is one message for the phase.

Trigger also after any change, but considering that, if possible, the configuration for one particular phase must be provided before the start list. If this message is resent after any DT\_RESULT message then the next version of DT\_RESULT must be sent ASAP.

### 2.3.9.4 Message Structure

The following table defines the structure of the message.

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



|  |                               |                              |                                      |  |  |
|--|-------------------------------|------------------------------|--------------------------------------|--|--|
|  | Sport                         |                              |                                      |  |  |
|  | Codes                         |                              |                                      |  |  |
|  | <a href="#">Configs (1,1)</a> |                              |                                      |  |  |
|  |                               | <a href="#">Config (1,N)</a> |                                      |  |  |
|  |                               |                              | Unit                                 |  |  |
|  |                               |                              | <a href="#">ExtendedConfig (1,N)</a> |  |  |
|  |                               |                              |                                      | Type                                     |  |
|  |                               |                              |                                      | Code                                     |  |
|  |                               |                              |                                      | Pos                                      |  |
|  |                               |                              |                                      | Value                                    |  |
|  |                               |                              |                                      | <a href="#">ExtendedConfigItem (0,N)</a> |  |

### 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 /Configs /Config (1,N) |     |                           |  |
|---|-----|---------------------------|--|
| Attribute                                   | M/O | Value                     | Description  |
| Unit  | M   | <a href="#">CC @Phase</a> | RSC in the following way:<br>Fencing Ranking Round: Full RSC at phase level (RANK)<br>Swimming: Full RSC at phase level<br>Riding: Full RSC at phase level<br>Laser-Run: Full RSC at phase level |

| Element: Competition /Configs /Config /ExtendedConfig (1,N) |                  |            |   |
|---|------------------|------------|---|
| Type  | Code             | Pos        | Description   |
| EC  | NUM_GROUPS       | N/A        | Element Expected:<br>Swimming and Fencing Ranking Round.  |
|   | <b>Attribute</b> | <b>M/O</b> | <b>Value</b>  |
|   | Value            | M          | Numeric<br>##   |
|   |                  |            | Total number of groups, based on number of competitors, per discipline phase (except for phase of Laser-Run), i.e.:<br>-for Fencing Ranking Round: the total number of rounds,<br>-for Swimming phase: the total number of heats per semifinal, |
| EC  | NUM_PISTES       | N/A        | Element Expected:<br>In Fencing Ranking Round.  |
|   | <b>Attribute</b> | <b>M/O</b> | <b>Value</b>  |
|   | Value            | M          | Numeric   |
|   |                  |            | Total number of pistes for Fencing Ranking  |



|  |                  |               |  |   |
|--|------------------|---------------|--|---|
|  |                  |               | ##   | Round.  |
| EC   |                  | LAST_PISTE    | N/A  | Element Expected:<br>In Fencing Ranking Round.  |
|  | <b>Attribute</b> | <b>M/O</b>    | <b>Value</b>   | <b>Description</b>  |
|  | Value            | M             | <a href="#">SC @Piste</a>  | Piste identification to designate the last piste used in Fencing discipline.<br>Do not send "R" as it doesn't make sense. (e.g.: I for "Piste I")   |
| QUALIFICATION  |                  | QUAL_RULE     | N/A  | Element Expected:<br>Semifinal phase  |
|  | <b>Attribute</b> | <b>M/O</b>    | <b>Value</b>   | <b>Description</b>  |
|  | Value            | M             | SC @QualRule   | Qualification rule code   |
| SWIM   |                  | INTERMEDIATE  | S(2)   | Pos Description:<br>Send the number that identifies each one of the split points (from 1 to F, where "F" is when the race finishes<br>(e.g.: for Swimming -200m events-, 4 splits: (1): 50m, (2): 100m, (3): 150m, (F): 200m).<br>Element Expected:<br>Swimming |
|  | <b>Attribute</b> | <b>M/O</b>    | <b>Value</b>   | <b>Description</b>  |
|  | Value            | M             | Numeric<br>###0  | Send distance in metres at this intermediate point (from start to this split point).  |
| LR   |                  | INTERMEDIATE  | S(2)   | Pos Description:<br>Send the number that identifies each one of the split points (from 1 to F, where "F" is when the race finishes<br>Element Expected:<br>Laser-Run  |
|  | <b>Attribute</b> | <b>M/O</b>    | <b>Value</b>   | <b>Description</b>  |
|  | Value            | M             | Numeric<br>###0  | Send distance in metres at this intermediate point (from start to this split point).  |
| <b>Sub Element: Competition /Configs /Config /ExtendedConfig /ExtendedConfigItem Expected In Laser-Run where name exists</b> |                  |               |  |   |
|  | <b>Attribute</b> | <b>Value</b>  | <b>Description</b>   |   |
|  | Code             | NAME          |  |   |
|  | Pos              | Numeric<br>#0 | Overall order of all intermediate point types 1..n including run and shoot in the logical order for display. When co-located the run split is usually marked before the shoot. |   |
|  | Value            | SC @IntPtType | Code for this intermediate point if it exists.   |   |
| GROUPS   |                  | GROUP         | Numeric<br>#0  | Pos Description:<br>Send the group number in order, 1...<br><br>Element Expected:<br>Always in Fencing Ranking Round.   |
|  | <b>Attribute</b> | <b>M/O</b>    | <b>Value</b>   | <b>Description</b>  |
|  | Value            | M             | S(5)<br>Or<br>CC @Organisation   | Send the code of the group: "MIXn" for a mixed group or, the organisation code if both athletes from the same organisation.   |



| Sub Element: Competition /Configs /Config /ExtendedConfig /ExtendedConfigItem<br>Expected Always in Fencing Ranking Round.              |                               |   |   |  |
|---|-------------------------------|---|---|--|
| Attribute   | Value                         | Description   |   |  |
| Code  | ID                            |   |   |  |
| Pos   | Numeric<br>0                  | Position of the athlete in the group 1 or 2   |   |  |
| Value   | S(20) with no leading zeroes  | Athlete's ID (to identify an athlete) corresponding to @Pos   |   |  |
| ROUND   | Round Number                  | Numeric<br>##0  | <p>Code Description:<br/>The number that identifies each round, from 0 to the total number of rounds defined, e.g.: from 0 to 17, for 36 competitors.</p> <p>Pos Description:<br/>Sequential number to indicate the bouts between different fencing pairs in all rounds. There will be eighteen rounds and different bouts for each one (depending on the number of competitors and pistes).</p> <p>Element Expected:<br/>Send by unit. Always in Fencing Ranking Round</p> |  |
| Attribute   | M/O                           | Value   | Description   |  |
| Value   | M                             | <a href="#">SC @Piste</a>   | Piste identification for the bout (e.g.: A for "Piste A", B for "Piste B" ...)  |  |
| Sub Element: Competition /Configs /Config /ExtendedConfig /ExtendedConfigItem<br>Expected Send by unit. Always in Fencing Ranking Round |                               |   |   |  |
| Attribute   | Value                         | Description   |   |  |
| Code  | GROUP                         |   |   |  |
| Pos   | Numeric<br>0                  | Position of the pair, either 1 or 2   |   |  |
| Value   | S(5)<br>Or<br>CC@Organisation | Send the code of the group: "MIXn" for a mixed group or, the organisation code if both athletes from the same organisation. |   |  |
| BOUT  | Round Number                  | Numeric<br>###  | <p>Code Description:<br/>The number that identifies each round, from 0 to the total number of rounds defined, e.g.: from 0 to 17, for 36 competitors.</p> <p>Pos Description:<br/>Bout number of each one of the different bouts of Fencing RR</p> <p>Element Expected:<br/>Always in Fencing Ranking Round</p>   |  |
| Attribute   | M/O                           | Value   | Description   |  |
| Value   | M                             | <a href="#">SC @Piste</a>   | Piste identification for the bout (e.g.: A for "Piste A", B for "Piste B" ...).   |  |
| Sub Element: Competition /Configs /Config /ExtendedConfig /ExtendedConfigItem   |                               |   |   |  |



| Expected Always in Fencing Ranking Round |                              |   |
|--|------------------------------|---|
| Attribute                                | Value                        | Description   |
| Code                                     | ID                           |   |
| Pos                                      | Numeric<br>0                 | Position of the athlete in the bout 1 or 2                        |
| Value                                    | S(20) with no leading zeroes | Athlete's ID (to identify an athlete) that competes in this bout. |

### Sample (Fencing Ranking Round)

```
<Configs>
  <Config Unit="MPNMINDIVID-----RANK-----" >
    <ExtendedConfig Type="EC" Code="NUM_GROUPS" Value="18" />
    <ExtendedConfig Type="EC" Code="NUM_PISTES" Value="9" />
    <ExtendedConfig Type="EC" Code="LAST_PISTE" Value="1" />
    <ExtendedConfig Type="GROUPS" Code="GROUP" Pos="1" Value="MIX3" >
      <ExtendedConfigItem Code="ID" Pos="1" Value="1123054" />
      <ExtendedConfigItem Code="ID" Pos="2" Value="1056610" />
    </ExtendedConfig>
    <ExtendedConfig Type="GROUPS" Code="GROUP" Pos="2" Value="RUS" >
      <ExtendedConfigItem Code="ID" Pos="1" Value="1066055" />
      <ExtendedConfigItem Code="ID" Pos="2" Value="1065570" />
    </ExtendedConfig>
    ...
    <ExtendedConfig Type="ROUND" Code="0" Pos="1" Value="A" >
      <ExtendedConfigItem Code="GROUP" Pos="1" Value="MIX3" />
      <ExtendedConfigItem Code="GROUP" Pos="2" Value="MIX2" />
    </ExtendedConfig>
    <ExtendedConfig Type="ROUND" Code="0" Pos="2" Value="B" >
      <ExtendedConfigItem Code="GROUP" Pos="1" Value="MIX4" />
      <ExtendedConfigItem Code="GROUP" Pos="2" Value="MIX1" />
    </ExtendedConfig>
    ...
    <ExtendedConfig Type="ROUND" Code="17" Pos="161" Value="H">
      <ExtendedConfigItem Code="GROUP" Pos="1" Value="CZE" />
      <ExtendedConfigItem Code="GROUP" Pos="2" Value="GER" />
    </ExtendedConfig >
    <ExtendedConfig Type="ROUND" Code="17" Pos="162" Value="I">
      <ExtendedConfigItem Code="GROUP" Pos="1" Value="EGY" />
      <ExtendedConfigItem Code="GROUP" Pos="2" Value="GBR" />
    </ExtendedConfig >
    <ExtendedConfig Type="BOUT" Code="0" Pos="1" Value="A" >
      <ExtendedConfigItem Code="ID" Pos="1" Value="1123054" />
      <ExtendedConfigItem Code="ID" Pos="2" Value="1056610" />
    </ExtendedConfig >
    <ExtendedConfig Type="BOUT" Code="0" Pos="2" Value="A" >
      <ExtendedConfigItem Code="ID" Pos="1" Value="1086721" />
      <ExtendedConfigItem Code="ID" Pos="2" Value="1093644" />
    </ExtendedConfig >
    ...
    <ExtendedConfig Type="BOUT" Code="17" Pos="630" Value="I" >
      <ExtendedConfigItem Code="ID" Pos="1" Value="1097096" />
      <ExtendedConfigItem Code="ID" Pos="2" Value="1075697" />
    </ExtendedConfig >
  </Config>
</Configs>
```





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### **2.3.9.6 Message Sort**

There is no message sorting rule.



## 2.3.10 Weather conditions

### 2.3.10.1 Description

The weather conditions is a message containing the current weather conditions in the venue or location. The use of venue or location is dependent to the level of detail that current weather conditions refer to. If weather conditions refer to a specific sailing course, then location code should be used. If weather conditions refer to athletics stadium, then the venue code should be used.

### 2.3.10.2 Header Values

The following table describes the message header attributes.

| Attribute       | Value                           | Comment   |
|-----------------|---------------------------------|---|
| CompetitionCode | <a href="#">CC @Competition</a> | Unique ID for competition   |
| DocumentCode    | <a href="#">CC @Discipline</a>  | Full RSC at discipline level  |
| DocumentSubcode | <a href="#">CC @Location</a>    | Location code (venue level)   |
| DocumentType    | DT_WEATHER                      | Weather conditions in the venue or location as referred to in DocumentSubcode.  |
| Version         | 1..V                            | Version number associated to the message's content. Ascending number  |
| FeedFlag        | "P" - Production<br>"T" - Test  | Test message or production message.   |
| Date            | Date                            | Date when the message is generated, expressed in the local time zone where the message was produced.  |
| Time            | Time                            | Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced.   |
| LogicalDate     | Date                            | Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight. See full explanation in ODF Foundation. |
| Source          | <a href="#">SC @Source</a>      | Code indicating the system which generated the message.   |

### 2.3.10.3 Trigger and Frequency

\* The message is sent every 30 minutes during a session, beginning approximately 30 minutes before start of session

### 2.3.10.4 Message Structure

The following table defines the structure of the message.

| Level 1                           | Level 2                       | Level 3 | Level 4 | Level 5 |
|-----------------------------------|-------------------------------|---------|---------|---------|
| <a href="#">Competition (0.1)</a> | Gen                           |         |         |         |
|                                   | Sport                         |         |         |         |
|                                   | Codes                         |         |         |         |
|                                   | <a href="#">Weather (1.1)</a> |         |         |         |
|                                   |                               | Date    |         |         |



|  |  |                                     |       |
|--|--|-------------------------------------|-------|
|  |  | <a href="#">Conditions (1,N)</a>    |       |
|  |  | Code                                |       |
|  |  | Humidity                            |       |
|  |  | Wind_Direction                      |       |
|  |  | <a href="#">Condition (0,3)</a>     |       |
|  |  |                                     | Code  |
|  |  |                                     | Value |
|  |  | <a href="#">Precipitation (0,N)</a> |       |
|  |  |                                     | Unit  |
|  |  |                                     | Value |
|  |  | <a href="#">Pressure (0,N)</a>      |       |
|  |  |                                     | Unit  |
|  |  |                                     | Value |
|  |  | <a href="#">Temperature (0,N)</a>   |       |
|  |  |                                     | Code  |
|  |  |                                     | Unit  |
|  |  |                                     | Value |
|  |  | <a href="#">Wind (0,N)</a>          |       |
|  |  |                                     | Code  |
|  |  |                                     | Unit  |
|  |  |                                     | Value |

### 2.3.10.5 Message Values

| Element: 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   | <a href="#">SC.@WeatherPoint</a> | Weather Point(s) |
| Humidity  | O   | Numeric<br>##0                   | Humidity in %    |



|                |   |                                   |                |
|----------------|---|-----------------------------------|----------------|
| Wind_Direction | O | <a href="#">CC @WindDirection</a> | Wind direction |
|----------------|---|-----------------------------------|----------------|

| Element: Competition /Weather /Conditions /Condition (0,3) |     |                                      |  |
|--|-----|--------------------------------------|--|
| Attribute  | M/O | Value                                | Description                                |
| Code   | M   | SKY                                  | Weather conditions type                    |
| Value  | M   | <a href="#">CC @WeatherCondition</a> | Code that describes the Weather Condition. |

| Element: Competition /Weather /Conditions /Precipitation (0,N) |     |                                       |  |
|--|-----|---------------------------------------|--|
| Attribute  | M/O | Value                                 | Description                                |
| Unit   | M   | <a href="#">SC @PrecipitationUnit</a> | Precipitation unit                         |
| Value  | M   | Numeric<br>###0.0                     | Precipitation quantity in the past 6 hours |

| Element: Competition /Weather /Conditions /Pressure (0,N) |     |                 |                                 |
|---|-----|-----------------|---------------------------------|
| Attribute   | M/O | Value           | Description                     |
| Unit  | M   | S(3)            | Send "hPa" as unit for pressure |
| Value   | M   | Numeric<br>###0 | Air pressure in hPa             |

| Element: Competition /Weather /Conditions /Temperature (0,N) |     |                                     |  |
|--|-----|-------------------------------------|--|
| Attribute  | M/O | Value                               | Description  |
| Code   | M   | AIR, WBGT                           | Air and WBGT temperature                                       |
| Unit   | M   | <a href="#">SC @TemperatureUnit</a> | Temperature unit   |
| Value  | M   | Numeric<br>##0.0 or<br>##0.0        | Temperature (in case of positive temperature, do not send '+') |

| Element: Competition /Weather /Conditions /Wind (0,N) |     |                              |                        |
|---|-----|------------------------------|------------------------|
| Attribute   | M/O | Value                        | Description            |
| Code  | M   | S(5)                         | Wind Speed, send SPEED |
| Unit  | M   | <a href="#">SC @WindUnit</a> | Wind unit              |
| Value   | M   | Numeric<br>##0               | Wind speed in @Unit    |

### 2.3.10.6 Message Sort

There is no special sort order requirement for this message.



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Olympic  
Committee

SOG-2024-MPN-3.4 APP



### 3 Message Timeline

#### 3.1 Preparation Phase

| Trigger                                      | Message     | Status | D | E | P | S | U |
|--|-------------|--------|---|---|---|---|---|
| As soon As ODF operation start               | DT_CODES    |        |   |   |   |   |   |
| Periodically as soon as ODF operations start | DT_PARTIC   |        | x |   |   |   |   |
| Periodically as soon as ODF operations start | DT_SCHEDULE |        | x |   |   |   |   |
| Periodically as soon as ODF operations start | DT_RECORD   |        | x |   |   |   |   |

#### 3.2 Before competition

| Trigger                                | Message   | Status     | D | E | P | S | U |
|--|---|------------|---|---|---|---|---|
| When INFO goes live                    | DT_PDF C08 Competition Schedule                   |            | x |   |   |   |   |
|  | DT_PDF C35 Competition Officials                  |            | x |   |   |   |   |
|  | DT_PDF C24 Records                                |            |   | x |   |   |   |
| After initial Download, if updates     | DT_PARTIC_UPDATE                                  |            | x |   |   |   |   |
|  | DT_PARTIC_HORSES_UPDATE                           |            | x |   |   |   |   |
|  | DT_SCHEDULE_UPDATE                                |            | x |   |   |   |   |
|  | DT_PDF C08 Competition Schedule                   |            | x |   |   |   |   |
| After Horse Jumping Test               | DT_RESULT   | UNOFFICIAL |   |   | x |   |   |
|  | DT_RESULT   | OFFICIAL   |   |   | x |   |   |
|  | DT_PDF C45A Horse Characteristics                 |            | x |   |   |   |   |
| After Fencing Draw - Technical Meeting | DT_PDF C30 Number of Entries by NOC               |            | x |   |   |   |   |
|  | DT_PDF C32A Entry List by NOC                     |            |   | x |   |   |   |
|  | DT_PDF C32C Entry list by Event                   |            |   | x |   |   |   |
| Ranking Round Start List               | DT_CONFIG   |            |   |   | x |   |   |
|  | DT_RESULT   | START_LIST |   |   |   |   | x |
|  | DT_PDF C51A Fencing Pairs (Fencing Ranking Round) |            |   |   |   |   | x |

#### 3.3 During Competition - Ranking Round

| Trigger   | Message            | Status        | D | E | P | S | U |
|---|--------------------|---------------|---|---|---|---|---|
| Athletes line up for presentation                       | DT_SCHEDULE_UPDATE | GETTING_READY | x |   |   |   | o |
|   | DT_SCHEDULE_UPDATE | RUNNING       | x |   |   |   | o |
| As soon as the competition starts and after each update | DT_RESULT          | LIVE          |   |   |   |   | x |



|                                |  |              |   |  |   |  |  |  |   |
|--------------------------------|--|--------------|---|--|---|--|--|--|---|
| After each round               | DT_PDF C73A1 Results (Fencing Ranking Round)     | INTERMEDIATE |   |  |   |  |  |  | x |
| When finished                  | DT_SCHEDULE_UPDATE                               | FINISHED     | x |  |   |  |  |  | o |
|                                | DT_RESULT  | UNOFFICIAL   |   |  |   |  |  |  | x |
| When Ranking Round is Official | DT_RESULT  | OFFICIAL     |   |  |   |  |  |  | x |
| MP Points (For Semifinal)      | DT_CUMULATIVE_RESULT                             | INTERMEDIATE |   |  | x |  |  |  |   |
|                                | DT_PDF C73A1 Results (Fencing Ranking Round)     |              |   |  |   |  |  |  | x |
|                                | DT_PDF C76A Bout Summary (Fencing Ranking Round) |              |   |  |   |  |  |  | x |

### 3.4 During Competition - Semifinals and Finals

| Trigger   | Message                            | Status        | D | E | P | S | U |
|---|------------------------------------|---------------|---|---|---|---|---|
| Messages order: Semifinal A, B and Finals               | -                                  |               |   |   |   |   |   |
|   | DT_PDF C45C Competition Horses     |               |   | x |   |   |   |
|   | DT_CONFIG                          |               |   |   | x |   |   |
| Riding Start List                                       | DT_RESULT                          | START_LIST    |   |   |   |   | x |
| MP Points (During Finals only at Phase Level)           | DT_CUMULATIVE_RESULT               | INTERMEDIATE  |   |   | o |   | x |
|   | DT_PDF C51C Start List (Riding)    |               |   |   |   |   | x |
| During Riding   | DT_SCHEDULE_UPDATE                 | GETTING_READY | x |   |   |   | o |
|   | DT_SCHEDULE_UPDATE                 | RUNNING       | x |   |   |   | o |
| As soon as the competition starts and after each update | DT_RESULT                          | LIVE          |   |   |   |   | x |
| MP Points (During Finals only at Phase Level)           | DT_CUMULATIVE_RESULT               | LIVE          |   |   | o |   | x |
| When finished   | DT_SCHEDULE_UPDATE                 | FINISHED      | x |   |   |   |   |
|   | DT_RESULT                          | UNOFFICIAL    |   |   |   |   | x |
| MP Points (During Finals only at Phase Level)           | DT_CUMULATIVE_RESULT               | INTERMEDIATE  |   |   | o |   | x |
| When Riding is Official                                 | DT_RESULT                          | OFFICIAL      |   |   |   |   | x |
| MP Points (During Finals only at Phase Level)           | DT_CUMULATIVE_RESULT               | INTERMEDIATE  |   |   | o |   | x |
|   | DT_PDF C73C Results (Riding)       |               |   |   |   |   | x |
|   | DT_PDF C77B Horse Penalty Analysis |               | x |   |   |   |   |
|   | DT_PDF C74A Results Summary        |               |   |   |   |   | x |
| Bonus Round Start List                                  | DT_RESULT                          | START_LIST    |   |   |   |   | x |
|   | DT_PDF C51E Start List             |               |   |   |   |   | x |
| Fencing Points  | DT_CUMULATIVE_RESULT               | START_LIST    |   |   |   |   | x |
| During Bonus Round                                      | DT_SCHEDULE_UPDATE                 | GETTING_READY | x |   |   |   | o |
|   | DT_SCHEDULE_UPDATE                 | RUNNING       | x |   |   |   | o |
| As soon as the competition starts                       | DT_RESULT                          | LIVE          |   |   |   |   | x |



|   |                                    |               |   |   |   |  |   |
|---|------------------------------------|---------------|---|---|---|--|---|
| and after each update                                   |                                    |               |   |   |   |  |   |
| Fencing Points  | DT_CUMULATIVE_RESULT               | LIVE          |   |   |   |  | x |
| MP Points (During Finals only at Phase Level)           | DT_CUMULATIVE_RESULT               | LIVE          |   |   | o |  | x |
| When finished   | DT_SCHEDULE_UPDATE                 | FINISHED      | x |   |   |  | o |
|   | DT_RESULT                          | UNOFFICIAL    |   |   |   |  | x |
| Fencing Points  | DT_CUMULATIVE_RESULT               | UNOFFICIAL    |   |   |   |  | x |
| MP Points (During Finals only at Phase Level)           | DT_CUMULATIVE_RESULT               | INTERMEDIATE  |   |   | o |  | x |
| When Bonus Round is Official                            | DT_RESULT                          | OFFICIAL      |   |   |   |  | x |
| Fencing Points  | DT_CUMULATIVE_RESULT               | OFFICIAL      |   |   |   |  | x |
| MP Points (During Finals only at Phase Level)           | DT_CUMULATIVE_RESULT               | INTERMEDIATE  |   |   | o |  | x |
|   | DT_PDF C75 Results                 |               |   |   |   |  | x |
|   | DT_PDF C73A2 Final Fencing Results |               |   |   |   |  | x |
| If broken or equalled record                            | DT_RECORD                          | PARTIAL       | x |   |   |  |   |
|   | DT_PDF C81 Records Broken/Equalled | OFFICIAL      |   | x |   |  |   |
| Swimming Start List (SubUnit Level)                     | DT_RESULT                          | START_LIST    |   |   |   |  | x |
|   | DT_PDF C51B Start List             |               |   |   |   |  | x |
| During Swimming   | DT_SCHEDULE_UPDATE                 | GETTING_READY | x |   |   |  | o |
|   | DT_SCHEDULE_UPDATE                 | RUNNING       | x |   |   |  | o |
| As soon as the competition starts and after each update | DT_RESULT                          | LIVE          |   |   |   |  | x |
| After each Heat   | DT_SCHEDULE_UPDATE                 | FINISHED      | x |   |   |  | o |
|   | DT_RESULT                          | UNOFFICIAL    |   |   |   |  | x |
| MP Points (During Finals only at Phase Level)           | DT_CUMULATIVE_RESULT               | LIVE          |   |   | o |  | x |
| When Heat is Official                                   | DT_RESULT                          | OFFICIAL      |   |   |   |  | x |
|   | DT_PHASE_RESULT                    | INTERMEDIATE  |   |   |   |  | x |
|   | DT_PDF C73B Results                |               |   |   |   |  | x |
| If broken or equalled record                            | DT_RECORD                          | PARTIAL       | x |   |   |  |   |
|   | DT_PDF C81 Records Broken/Equalled | OFFICIAL      |   | x |   |  |   |
| When Swimming is finished                               | DT_PHASE_RESULT                    | UNOFFICIAL    |   |   |   |  | x |
|   | DT_PHASE_RESULT                    | OFFICIAL      |   |   |   |  | x |
| MP Points (During Finals only at Phase Level)           | DT_CUMULATIVE_RESULT               | OFFICIAL      |   |   | o |  | x |
|   | DT_PDF C74A Results Summary        |               |   |   |   |  | x |
| Laser Run Start List                                    | DT_RESULT                          | START_LIST    |   |   |   |  | x |
|   | DT_PDF C51D Start List             |               |   |   |   |  | x |
|   | DT_SCHEDULE_UPDATE                 | GETTING_READY | x |   |   |  | o |
|   | DT_SCHEDULE_UPDATE                 | RUNNING       | x |   |   |  | o |





|   |                                    |            |   |   |  |   |  |   |
|---|------------------------------------|------------|---|---|--|---|--|---|
| As soon as the competition starts and after each update | DT_RESULT                          | LIVE       |   |   |  |   |  | x |
| MP Points (During Finals only at Phase Level)           | DT_CUMULATIVE_RESULT               | LIVE       |   |   |  | o |  | x |
| When Finished   | DT_SCHEDULE_UPDATE                 | FINISHED   | x |   |  |   |  | o |
|   | DT_RESULT                          | UNOFFICIAL |   |   |  |   |  | x |
| MP Points (During Finals only at Phase Level)           | DT_CUMULATIVE_RESULT               | UNOFFICIAL |   |   |  | o |  | x |
| When Laser Run is Official                              | DT_RESULT                          | OFFICIAL   |   |   |  |   |  | x |
| MP Points (During Finals only at Phase Level)           | DT_CUMULATIVE_RESULT               | OFFICIAL   |   |   |  | o |  | x |
| Semifinals Summary - When both Semifinals are official  | DT_SCHEDULE_UPDATE                 | OFFICIAL   |   |   |  | x |  |   |
|   | DT_C73F Arrival Order              |            |   |   |  |   |  | x |
|   | DT_PDF C73D Results                |            |   |   |  |   |  | x |
| After Semifinal A and B                                 | DT_PDF C74A Results Summary        |            |   |   |  |   |  | x |
|   | DT_PDF C74B Event Results Summary  |            |   |   |  | x |  |   |
|   | DT_PDF C77A Results Analysis       |            |   |   |  |   |  | x |
| If broken or equalled record                            | DT_RECORD                          | PARTIAL    | x |   |  |   |  |   |
|   | DT_PDF C81 Records Broken/Equalled | OFFICIAL   |   | x |  |   |  |   |

### 3.5 After competition

| Trigger | Message                           | Status   | D | E | P | S | U |
|---------|-----------------------------------|----------|---|---|---|---|---|
|         | DT_PDF C74B Event Results Summary |          |   |   | x |   |   |
|         | DT_PDF C76B Event Classification  |          |   | x |   |   |   |
|         | DT_RANKING                        | OFFICIAL |   | x |   |   |   |
|         | DT_MEDALLISTS                     | OFFICIAL |   | x |   |   |   |
|         | DT_MEDALLISTS_DISCIPLINE          |          | x |   |   |   |   |
|         | DT_MEDALS                         |          | x |   |   |   |   |
|         | DT_PDF C92A - Medallists          | OFFICIAL |   | x |   |   |   |
|         | DT_PDF C93 - Medallists by Event  |          | x |   |   |   |   |
|         | DT_PDF C95 - Medal Standings      |          | x |   |   |   |   |

Legend:

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



## 4 Document Control

| Version history |             |   |
|-----------------|-------------|---|
| Version         | Date        | Comments                                  |
| V1.0            | 15 Sep 2017 | First version                             |
| V1.1            | 08 Oct 2017 | Updated                                   |
| V1.2            | 03 Jan 2018 | Updated (CR)                              |
| V1.3            | 20 Feb 2018 | Updated                                   |
| V1.4            | 22 Apr 2018 | Updated                                   |
| V1.5            | 02 Jul 2018 | Updated                                   |
| V2.0            | 08 Aug 2018 | Updated, CRs                              |
| V2.1            | 21 Sep 2018 | Updated                                   |
| V2.2            | 25 Oct 2018 | Approved                                  |
| V2.3            | 30 May 2019 | Updated, CR                               |
| V2.4            | 14 Aug 2019 | Updated. First version as a full document |
| V2.5            | 11 Nov 2019 | Updated, ORIS change                      |
| V2.6            | 21 Feb 2020 | Updated                                   |
| V3.0            | 1 Jul 2022  | First version for Paris 2024              |
| V3.01           | 17 Mar 2023 | Updated                                   |
| V3.1            | 5 May 2023  | Approved                                  |
| V3.2            | 14 Jul 2023 | CR026038                                  |
| V3.3            | 1 Sep 2023  | CR026409                                  |
| V3.4            | 3 Nov 2023  | CR026780                                  |

### File Reference: SOG-2024-MPN-3.4 APP

| Change Log |        |   |
|------------|--------|---|
| Version    | Status | Changes on version  |
| V1.0       | SFR    | First version   |
| V1.1       | SFR    | Updated to refer to Laser-Run and not Combined, change CO extensions to LR.<br>DT_CUMULATIVE_RESULTS: Added ExtendedResults for separate RR and BR results.   |
| V1.2       | SFA    | DT_PARTIC: Updated to add Passport names (CR15219)  |
| V1.3       | SFA    | DT_PARTIC: Delete Participant /OfficialFunction (not required).<br>DT_PARTIC_HORSES_UPDATE: Clarify that only the update message is used.<br>DT_RESULT: Correct minor typos in samples.<br>DT_RESULT: Add handicap time for teams & average swim time for teams.<br>DT_PHASE_RESULT: Remove LIVE @ResultStatus (incorrect).<br>DT_CUMULATIVE_RESULT: Added some missing data in samples.<br>DT_CONFIG: Added codes for two bouts in a round for teams.<br>Other minor typographical corrections without changing meaning. |
| V1.4       | SFA    | DT_RESULT: Add ExtendedInfo DISPLAY/LEADER for the swim (consistency with SWM).   |
| V1.5       | SFA    | DT_RESULT: Add ExtendedInfo DISPLAY/LEADER for the Laser-Run.   |
| V2.0       | SFA    | CR15039: Add DT_PARTIC_NAME to applicable messages.<br>CR16671: Add TVFamilyName in DT_PARTIC message.  |



|      |     |   |
|------|-----|---|
|      |     | CR16537: Move LAST_UNIT to ExtendedInfos/Progress in Phase and Cumulative results.  |
| V2.1 | SFA | Corrected typographical error, extension LASER-RUN changed to LASER_RUN.  |
| V2.2 | APP | Change status   |
| V2.3 | APP | DT_CONFIG: Remove Fencing Bonus Round.<br>DT_RESULT: Add @Value2 to PROGRESS/INTERMEDIATE in Result /ExtendedResults /ExtendedResult.<br>DT_RESULT: Add "E" for evaluated ER_LR/PHOTO in extended results and update.<br>DT_CUMULATIVE_RESULT: Update triggering of overall message during fencing bonus round<br>CR16640: Add ODF Version @Competition.<br>Editorial improvements without changing the intent.   |
| V2.4 | APP | Removed DT_PARTIC_TEAM/_UPDATE and all team references/elements in the other messages as in DT_PHASE_RESULT, DT_CUMULATIVE_RESULT, DT_RANKING, ...<br>CR17809: Change Participant/OlympicSolidarity to disallow N.<br>First version as a full document.   |
| V2.5 | APP | CR18161: DT_RESULT: Add seconds to mount and start time @ Result /Competitor /Composition /Athlete /EventUnitEntry.<br>CR18161: DT_CUMULATIVE_RESULT: Add ER_FE/PTY @ Result /ExtendedResults /ExtendedResult.<br>Removed teams information for clarity as not application in Olympic Games.  |
| V2.6 | APP | DT_CUMULATIVE_RESULT: Update triggering of the fencing message in the ranking round.<br>DT_CUMULATIVE_RESULT: Clarify Description at Result/Rank<br>DT_RESULT: Clarify DISPLAY/LAST_COMP @ ExtendedInfos /ExtendedInfo  |
| V3.0 | SFA | DT_PARTIC: Remove Participant/Weight & Participant/Height<br>DT_RESULT: Update PROGRESS/INTERMEDIATE at Result /ExtendedResults /ExtendedResult<br>DT_RESULT: Add EUE/WAVE at Result /Competitor /Composition /Athlete /EventUnitEntry<br>DT_RESULT: Update DocumentCode<br>DT_RESULT: Update triggering<br>DT_RESULT: Delete EQ/OBSTACLE at ExtendedInfos /ExtendedInfo<br>DT_RESULT: Update ER_FE/BOUTS at Result /ExtendedResults /ExtendedResult and remove sub elements<br>DT_RESULT: Update PROGRESS/SHOOT at Result /ExtendedResults /ExtendedResult and remove some sub elements<br>DT_RESULT: Remove ER_EQ/OBSTACLE at Result /ExtendedResults /ExtendedResult<br>DT_RESULT: Update ER_EQ/PTY_OTH at Result /ExtendedResults /ExtendedResult<br>DT_RESULT: Update ER_LR/LASER_RUN at Result /ExtendedResults /ExtendedResult and remove some sub elements<br>DT_RESULT: Add PROGRESS/CLOCK at Result /ExtendedResults /ExtendedResult<br>DT_CUMULATIVE_RESULT: Update Description<br>DT_CUMULATIVE_RESULT: Update DocumentCode<br>DT_CUMULATIVE_RESULT: Add Result/QualificationMark<br>DT_CUMULATIVE_RESULT: Update triggering<br>DT_CUMULATIVE_RESULT: Add ER/GROUP at Result /ExtendedResults /ExtendedResult<br>DT_CUMULATIVE_RESULT: Update Result /ResultItems /ResultItem /Unit<br>DT_CUMULATIVE_RESULT: Remove Result /ResultItems /ResultItem /Result /ExtendedResults /ExtendedResult<br>DT_CUMULATIVE_RESULT: Add ER/FENCING at Result /ExtendedResults /ExtendedResult<br>DT_CUMULATIVE_RESULT: Update Result /Competitor /Composition /Athlete /Bib<br>DT_IMAGE: Update throughout the message for global change [CR022136]<br>DT_RANKING: Update Result/Result<br>DT_RANKING: Add Result/ExtendedResults/ExtendedResult<br>DT_RECORD: Update Record/RecordType/NotEstablishedLabel<br>DT_RECORD: Update Description<br>DT_CONFIG: Update DocumentCode<br>DT_CONFIG: Update Configs /Config /Unit<br>DT_CONFIG: EC/NUM_GROUPS<br>DT_CONFIG: Add QUALIFICATION/QUAL_RULE at /Configs /Config /ExtendedConfig<br>DT_CONFIG: Update EC/INTERMEDIATE/NAME<br>DT_CONFIG: Update triggering<br>DT_CONFIG: Remove EC/INTERMEDIATE at Configs /Config /ExtendedConfig<br>DT_CONFIG: Add SWIM/INTERMEDIATE at Configs /Config /ExtendedConfig<br>DT_CONFIG: Add LR/INTERMEDIATE at Configs /Config /ExtendedConfig |



|       |     |  |
|-------|-----|--|
| V3.01 | SFA | DT_PARTIC: Remove ENTRY/SWIM_BEST at Participant /Discipline /RegisteredEvent /EventEntry<br>DT_RESULT: Remove EUE/SWIM_BEST at Result /Competitor /Composition /Athlete /EventUnitEntry<br>DT_RESULT: Update BOUT/BONUS/ID at ExtendedInfos /ExtendedInfo<br>DT_CUMULATIVE_RESULT: Correct typo for Expected at ER/GROUP at Result /ExtendedResults/ExtendedResult<br>DT_RECORD: Update description<br>DT_RECORD: Update Record /RecordType /RecordData /Result<br>DT_WEATHER: Add message<br>DT_CONFIG: Add @Pos for LR/INTERMEDIATE/NAME at Configs /Config /ExtendedConfig |
| V3.1  | APP | DT_PHASE_RESULT: Update DocumentCode<br>DT_CUMULATIVE_RESULT: Update DocumentCode<br>DT_CUMULATIVE_RESULT: Update triggering<br>DT_CUMULATIVE_RESULT: Update ResultStatus  |
| V3.2  | APP | DT_RESULT: Update Expected for DISPLAY/CURRENT at ExtendedInfos /ExtendedInfo [CR026038]<br>DT_CUMULATIVE_RESULT: Update triggering [CR026038]<br>DT_CUMULATIVE_RESULT: Remove ER/FENCING at Result /ExtendedResults /ExtendedResult [CR026038]<br>DT_CUMULATIVE_RESULT: Add ER/FENCING_RR at Result /ExtendedResults /ExtendedResult [CR026038]<br>DT_CUMULATIVE_RESULT: Add ER/FENCING_BR at Result /ExtendedResults /ExtendedResult [CR026038]<br>DT_WEATHER: Updated to be common [CR025912]<br>Typographical corrections in some samples                                  |
| V3.3  | APP | DT_CUMULATIVE_RESULT: Update Result/Rank [CR026409]<br>DT_CUMULATIVE_RESULT: Update Result /ResultItems /ResultItem /Result /Rank [CR026409]   |
| V3.4  | APP | DT_RESULT: Update ER_EQ/PTY_TIME at Result /ExtendedResults /ExtendedResult [CR026780]<br>DT_RESULT: Update ER_EQ/PTY_OBS at Result /ExtendedResults /ExtendedResult [CR026780]<br>DT_RESULT: Clarify @Pos for DISPLAY/LEADER at ExtendedInfos /ExtendedInfo [CR026780]<br>DT_PHASE_RESULT: Correct typo at DocumentCode [CR026780]<br>DT_CUMULATIVE_RESULT: Update triggering [CR026780]<br>Typographical corrections in FEN sample   |