



Olympic Data Feed



Marathon Swimming ODF Data Dictionary

Technology and Information Department
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1 Introduction

1.1 This document

This document includes the ODF Marathon Swimming 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 Marathon Swimming 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 Marathon Swimming Overview

MESSAGES IN EACH EVENT

All events have a single DT_RESULT and DT_PLAY_BY_PLAY for each unit.

SCHEDULE

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

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 extended |
|----------------------------------|--|------------------|
| DT_SCHEDULE / DT_SCHEDULE_UPDATE | Competition schedule / Competition schedule update | |
| DT_PARTIC / DT_PARTIC_UPDATE | List of participants by discipline / List of participants by discipline update | X |
| DT_RESULT | Event Unit Start List and Results | X |
| DT_PLAY_BY_PLAY | Play by Play | 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_ESL | Extended Start List | |
| 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 | CC @Competition | Unique ID for competition |
| DocumentCode | CC @Discipline | Full RSC at the discipline level |
| DocumentType | DT_PARTIC DT_PARTIC_UPDATE | / List of participants by discipline message |
| DocumentSubtype | S(20) | SYNC if the message is for re-synchronisation for ODF clients. Only sent after control is transferred to the venue (else not included). HISTORICAL if the message is from the historical results provider and only includes historic athletes (else not included). 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 "T" - Test | Test message or production message. |
| Date | Date | Date when the message is generated, expressed in the local time zone where the message was produced. |
| Time | Time | Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced. |
| LogicalDate | Date | Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight. See full explanation in ODF Foundation. |
| Source | SC @Source | Code indicating the system which generated the message. |

2.3.1.3 Trigger and Frequency

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

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

2.3.1.4 Message Structure

The following table defines the structure of the message.

| Level 1 | Level 2 | Level 3 | Level 4 | Level 5 | Level 6 |
|------------------------------------|------------------------------------|---|---------|---------|---------|
| Competition (0..1) | Gen Sport Codes | | | | |
| | Participant (1..N) | Code Parent Status GivenName FamilyName PassportGivenName PassportFamilyName PrintName PrintInitialName TVName TVInitialName TVFamilyName LocalFamilyName | | | |



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 |

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



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



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

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

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

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

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

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

| Attribute | M/O | Value | Description |
|-----------|-----|---------------------------|---|
| Event | M | CC @Event | Full RSC of the Event |
| Bib | O | S(4) | Athlete's Bib number. Send only in the Case of Current="true". |



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

| Type | Code | Pos | Description |
|------------------|------------|------------------------------------|---|
| ENTRY | QUAL_TYPE | N/A | Element Expected: Always, as soon as this information is known (it can be sent in both messages). |
| Attribute | M/O | Value | Description |
| Value | M | SC @QualifyingType | Qualification type (method) |

2.3.1.6 Message Sort

The message is sorted by Participant @Code



2.3.2 Event Unit Start List and Results

2.3.2.1 Description

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

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

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

2.3.2.2 Header Values

The following table describes the message header attributes.

| Attribute | Value | Comment |
|-----------------|----------------------------------|--|
| CompetitionCode | CC_@Competition | Unique ID for competition |
| DocumentCode | CC_@Unit | Full RSC of the unit (race) |
| DocumentSubcode | N/A | N/A |
| DocumentType | DT_RESULT | Event Unit Start List and Results message |
| DocumentSubtype | N/A | N/A |
| Version | 1..V | Version number associated to the message's content. Ascending number |
| ResultStatus | CC_@ResultStatus | It indicates whether the result is official or unofficial (or intermediate etc). START_LIST: As soon as the start list is known and with any changes / IRMs before the start. LIVE (used during the competition when nothing else applies). UNCONFIRMED (if results cannot immediately be unofficial) UNOFFICIAL OFFICIAL PROTESTED PROVISIONAL |
| FeedFlag | "P" - Production "T" - Test | Test message or production message. |
| Date | Date | Date when the message is generated, expressed in the local time zone where the message was produced. |
| Time | Time | Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced. |
| LogicalDate | Date | Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight. See full explanation in ODF Foundation. |
| Source | SC_@Source | Code indicating the system which generated the message. |

2.3.2.3 Trigger and Frequency

- This message is sent with ResultStatus 'START_LIST' as soon as the start list is available and any changes to the information. Do not include IRMs in this status.
- This message is then sent with ResultStatus 'LIVE' as soon as the unit starts and continues to be triggered



on all updates.

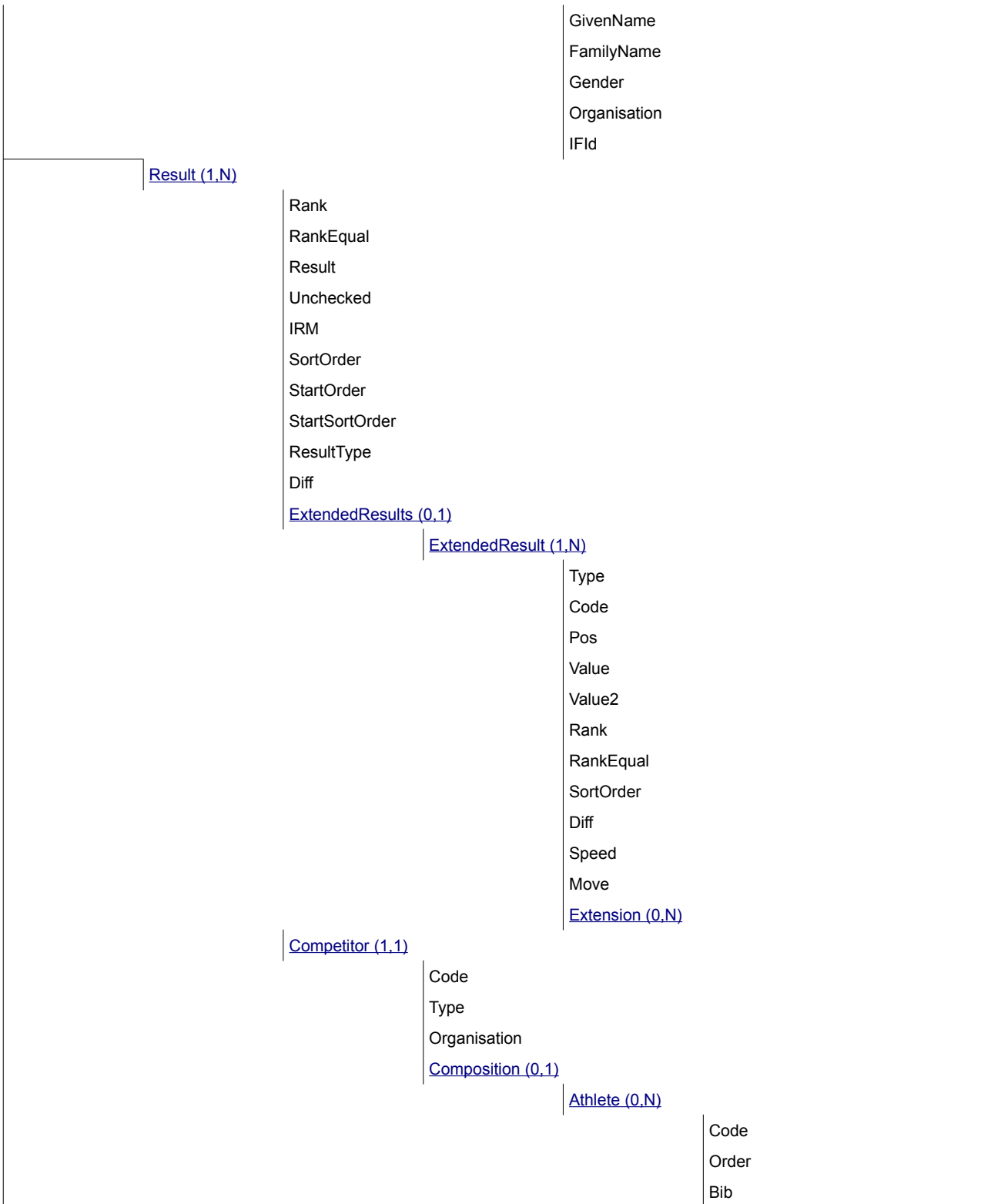
- UNCONFIRMED: From when the last athlete finishes the race and until all ties which require the review system are resolved.
- UNOFFICIAL: From when all ties are resolved until race results are signed. If there are no ties to be broken, as soon as the last athlete finish the race.
- OFFICIAL: When the results are approved.
- PROTESTED: In protested situation

Trigger also after any change.

2.3.2.4 Message Structure

The following table defines the structure of the message.

| Level 1 | Level 2 | Level 3 | Level 4 | Level 5 | Level 6 | Level 7 |
|-----------------------------------|-------------------------------------|--|-----------------------------------|---------|---------|---------|
| Competition (0.1) | | | | | | |
| | Gen | | | | | |
| | Sport | | | | | |
| | Codes | | | | | |
| | ExtendedInfos (0.1) | | | | | |
| | | UnitDateTime (0.1) | | | | |
| | | | StartDate | | | |
| | | ExtendedInfo (0.N) | | | | |
| | | | Type | | | |
| | | | Code | | | |
| | | | Pos | | | |
| | | | Value | | | |
| | | SportDescription (0.1) | | | | |
| | | | DisciplineName | | | |
| | | | EventName | | | |
| | | | Gender | | | |
| | | | SubEventName | | | |
| | | VenueDescription (0.1) | | | | |
| | | | Venue | | | |
| | | | VenueName | | | |
| | | | Location | | | |
| | | | LocationName | | | |
| | Officials (0.1) | | | | | |
| | | Official (1.N) | | | | |
| | | | Code | | | |
| | | | Function | | | |
| | | | Order | | | |
| | | | Description (1.1) | | | |





| | | |
|--|--------------------------------------|--|
| | Description (1,1) | GivenName FamilyName Gender Organisation BirthDate IFld |
| | EventUnitEntry (0,N) | 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 /ExtendedInfos /UnitDateTime (0,1) | | | |
|---|-----|----------|-----------------------------|
| Actual times. Include when the unit starts. | | | |
| Attribute | M/O | Value | Description |
| StartDate | M | DateTime | Actual start date and time. |

| Element: Competition /ExtendedInfos /ExtendedInfo (0,N) | | | |
|---|----------------------------------|--|---|
| Type | Code | Pos | Description |
| DISPLAY | LEADER | S(2) | Pos Description: Send number of the intermediate point. Element Expected: When available and only when the unit is LIVE, UNCONFIRMED or UNOFFICIAL for every split point passed by any competitor to know the leader at each split point at all times. Included continuously after the leader passes the first intermediate. |
| | Attribute | M/O | Value |
| | Value | M | S(20) with no leading zeroes |
| | Description | Competitor's ID, to identify an athlete, for the leader at the split point @Pos. | |
| DISPLAY | INT_y (y =Intermediate point) | Numeric #0 | Code Description: Intermediate point, only include one intermediate point in the message. Pos Description: |



| | | | | |
|---|------------------|----------------------|---|--|
| | | | | Send a unique number for each competitor included in this message as most recent (that is if two competitors updated send 1 & 2) Element Expected: When available only when the unit is LIVE, UNCONFIRMED or UNOFFICIAL. |
| | Attribute | M/O | Value | Description |
| | Value | M | S(20) without leading zeroes | Send the competitor ID of the last competitor(s) to reach the intermediate point (including F). |
| DISPLAY | | CURRENT_INTERMEDIATE | N/A | Element Expected: When LIVE |
| | Attribute | M/O | Value | Description |
| | Value | M | Numeric #0 | Send the intermediate point that the current leader most recently passed (according to the INTERMEDIATE @Pos) |
| UI | | STARTERS | N/A | Element Expected: Always |
| | Attribute | M/O | Value | Description |
| | Value | M | Numeric ##0 | Send the number of competitors on the start list |
| Sub Element: Competition /ExtendedInfos /ExtendedInfo /Extension Expected Always | | | | |
| | Attribute | Value | Description | |
| | Code | COMPLETE | | |
| | Pos | N/A | | |
| | Value | Numeric ##0 | Send the number of competitors whose event unit is completed (includes IRMs). For number without IRMs see AFTER_INT | |
| UI | | AFTER_INT | S(2) | Pos Description: Intermediate point (1,2..F) Element Expected: Always for all intermediate points after the first person has passed that intermediate. |
| | Attribute | M/O | Value | Description |
| | Value | M | Numeric ##0 | Send the number of competitors who have passed the intermediate point. Do not include IRMs who did not reach this point. |

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

Sport Descriptions in Text.

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

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



| Venue Names in Text. | | | |
|----------------------|-----|-------------------------------|---|
| Attribute | M/O | Value | Description |
| Venue | M | CC @VenueCode | Venue Code |
| VenueName | M | S(25) | Venue ENG Description (not code) from Common Codes |
| Location | M | CC @Location | Location code |
| LocationName | M | S(30) | Location ENG Description (not code) from Common Codes |

| Element: Competition /Officials /Official (1,N) | | | |
|---|-----|-------------------------------------|--|
| Attribute | M/O | Value | Description |
| Code | M | S(20) with no leading zeroes | Official's code |
| Function | M | CC @ResultsFunction | Official's function. |
| Order | M | Numeric #0 | Sort order of officials as on start list/results |

| Element: Competition /Officials /Official /Description (1,1) | | | |
|--|-----|----------------------------------|---|
| Officials extended information. | | | |
| Attribute | M/O | Value | Description |
| GivenName | O | S(25) | Given name in WNPA format (mixed case) |
| FamilyName | M | S(25) | Family name in WNPA format (mixed case) |
| Gender | M | CC @PersonGender | Gender of the official |
| Organisation | M | CC @Organisation | Official's organisation |
| IFld | O | S(16) | International Federation ID |

| Element: Competition /Result (1,N) | | | |
|---|-----|-------------------------|---|
| For each Event Unit Results message, there must be at least one competitor with a result element in the event unit. | | | |
| Attribute | M/O | Value | Description |
| Rank | O | Text | Rank of the competitor in the corresponding event unit. |
| RankEqual | O | S(1) | Identifies if a rank has been equaled (Y). Only send if applicable |
| Result | O | h:mm:ss.f | Total result for the particular event unit. Only send in the case @ResultType is TIME or IRM_TIME. Do not include leading zeros. |
| Unchecked | O | S(1) | Send with ="Y" in the case that there is a value which needs to be validated. For example by reading photo to change from transponder times. Do not send if not ="Y" |
| IRM | O | SC @IRM | The invalid result mark, if assigned Send just in the case @ResultType is IRM or IRM_TIME after the race starts. |
| SortOrder | M | Numeric | This attribute is a sequential number with the order of the results for the particular event unit, if they were to be presented. It is mostly based on the rank, but it should be used to sort out rank ties as well as results without rank. Before and at the beginning of the race, sorted by athlete's number. For athletes who have completed at least one split, |



| | | | |
|----------------|---|--------------------------------|---|
| | | | <p>sort by the split rank at the completion of the last split until the first competitor finishes the race. By Rank once the first competitor finishes and for those that have finished the race also. At the end, those without ranks are sorted by the rank of the last completed split or by athlete's number, as appropriate.</p> <p>The rank sort is, all those athletes at the forward most split are ranked 1 - x, adding those athletes that have not arrived to this split, which are sorted according position in previous split etc. back through each split (or start order). Resort as each new data item arrives.</p> <p>OTL riders must be dropped to the bottom. Athletes who are notified as "did not finish" during the race, are notified as "did not start" or disqualified, must be dropped to the bottom with no rank in the order defined by the international federation.</p> |
| StartOrder | O | Numeric | Lane assignment of the competitor in the start list. |
| StartSortOrder | M | Numeric | Order by lane order starting from 1 Used to sort all start list competitors in an event unit. |
| ResultType | O | SC_@ResultType | Type of the @Result attribute. |
| Diff | O | +m:ss.f | Time behind leader or blank for leader. Do not send m if no minutes apply. |

| Element: Competition /Result /ExtendedResults /ExtendedResult (1,N) | | | | |
|---|------------------|------------|---|---|
| Type | Code | Pos | Description | |
| PROGRESS | INTERMEDIATE | S(2) | Pos Description: The number that identifies the split point, from 1 to F where F is the finishing point. Element Expected: All event units | |
| | Attribute | M/O | Value | Description |
| | Value | O | h:mm:ss.f or - | Time from the start of the race up to this split point. It is a cumulative result time. Do not send hours if zeros. Send "-" in the case that the competitor has passed this point but no time is known. |
| | Value2 | O | mm:ss.f or - | Send the split time (from the previous intermediate point to current one). Not cumulative time. Don't send for the first split. Send "-" in the case that the competitor has passed this point but no time is known. |
| | Rank | O | Text | Rank of the competitor for this specific ExtendedResult. Send "-" in the case that the competitor has passed this point but no rank is known. |
| | RankEqual | O | S(1) | Send "Y" where Rank at this specific ExtendResult is equalled, else do not send. |
| | SortOrder | M | Numeric #0 | Index based on those who have passed this intermediate point only. If using this for sorting for an intermediate point the secondary sort order must be Result/SortOrder to cover the full list. For tied athletes, follow sport rules. |
| | Diff | O | +m:ss.f | Send the time behind the leader at the |



| | | | | |
|--|------------------|--------------|--|---|
| | | | or - | corresponding intermediate point or blank for leader. Do not send m if no minutes apply. Send "-" in the case that the competitor has passed this point but no time is known. |
| | Speed | O | Numeric #0.0 | Strokes per minute |
| | Move | O | Numeric +#0, 0 or -#0 | Send the rank progression in the current intermediate compared to the previous intermediate where + means improved position. (i.e: "+2", "0", "-1", etc) Do not send if not known. |
| Sub Element: Competition /Result /ExtendedResults /ExtendedResult /Extension Expected If applicable | | | | |
| | Attribute | Value | Description | |
| | Code | FLAG | | |
| | Pos | Numeric 0 | Sequential number (1, 2...), always included to allow for multiple flags in same intermediate. Start at 1 in each intermediate. | |
| | Value | S(1) | Flag indication to be sent when an incident occurred in the split. Send "R" for the Red flag (disqualification) and "Y" for the Yellow flag (warning). | |
| ER | | PHOTO | N/A | Element Expected: If applicable |
| | Attribute | M/O | Value | Description |
| | Value | M | S(1) | Send when a photo is required to determine any result for this competitor. Send "P" for Pending Status. Send "E" for Evaluated Status. Otherwise do not send. If PHOTO is sent as pending then those pending competitors will not have rank but will still be sorted in the correct place (as well as is known). For example: Rank = 1,2,,,5,6,7... and SortOrder = 1,2,3,4,5,6,7 Used when two or more athletes finish close to each other and photofinish is required to determine Race Rank. PHOTO is different to UNCHECKED. |

Sample (individual)



```

...
<Result Rank="1" ResultType="TIME" Result="1:56:32.1" SortOrder="1" StartOrder="23" StartSortOrder="23">
  <ExtendedResults>
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="1" SortOrder="13" Rank="12" Value="30:53.1"
    Speed="30.2" RankEqual="Y" Diff="+1.5" />
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="2" SortOrder="6" Rank="6" Value="1:01:00.2"
    Value2="30:07.1" Speed="30.2" Diff="+0.9" Move="6" />
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="3" SortOrder="5" Rank="5" Value="1:29:29.5"
    Value2="28:29.3" Speed="30.2" Move="1" />
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="4" SortOrder="1" Rank="1" Value="1:56:32.1"
    Value2="27:02.6" Speed="30.2" Move="4" />
  </ExtendedResults>
...

```

| Element: Competition /Result /Competitor (1,1) | | | |
|---|-----|----------------------------------|---------------------------|
| Competitor related to the result of one event unit. | | | |
| Attribute | M/O | Value | Description |
| Code | M | S(20) with no leading zeroes | Competitor's ID |
| Type | M | S(1) | A for athlete |
| Organisation | O | CC @Organisation | Competitor's organisation |

| Element: Competition /Result /Competitor /Composition /Athlete (0,N) | | | |
|--|-----|------------------------------|----------------------------|
| Attribute | M/O | Value | Description |
| Code | M | S(20) with no leading zeroes | Athlete's ID. |
| Order | M | Numeric 0 | 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 | CC @PersonGender | Gender of the athlete |
| Organisation | M | CC @Organisation | Athletes' organisation |
| BirthDate | O | Date | Birth date (example: YYYY-MM-DD). Must include if the data is available |
| IFId | O | S(16) | International Federation ID |

| Element: Competition /Result /Competitor /Composition /Athlete /EventUnitEntry (0,N) | | | |
|--|------|-----|------------------------------------|
| Individual athletes entry information. | | | |
| Type | Code | Pos | Description |
| EUE | FEED | N/A | Element Expected: If applicable |



| Attribute | M/O | Value | Description |
|-----------|-----|---------------|---|
| Value | M | Numeric #0 | Send the feeding position for this competitor |

2.3.2.6 Message Sort

Sort by Result @SortOrder



2.3.3 Play by Play

2.3.3.1 Description

The Play by Play is a message containing the actions in an open water swimming unit. This message is not used in still water swimming.

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

2.3.3.2 Header Values

The following table describes the message header attributes.

| Attribute | Value | Comment |
|-----------------|----------------------------------|--|
| CompetitionCode | CC_@Competition | Unique ID for competition |
| DocumentCode | CC_@Unit | Full RSC of the unit (race) |
| DocumentSubcode | N/A | N/A |
| DocumentType | DT_PLAY_BY_PLAY | Play by Play message |
| DocumentSubtype | INCIDENT | Attribute used to extend DocumentType for some messages. |
| Version | 1..V | Version number associated to the message's content. Ascending number |
| ResultStatus | CC_@ResultStatus | Status of the message. Possible values are: START_LIST (only used if there are actions before the start) LIVE (used during the competition when nothing else applies) UNOFFICIAL OFFICIAL (when results official) PROVISIONAL |
| FeedFlag | "P" - Production "T" - Test | Test message or production message. |
| Date | Date | Date when the message is generated, expressed in the local time zone where the message was produced. |
| Time | Time | Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced. |
| LogicalDate | Date | Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight. See full explanation in ODF Foundation. |
| Source | SC_@Source | Code indicating the system which generated the message. |

2.3.3.3 Trigger and Frequency

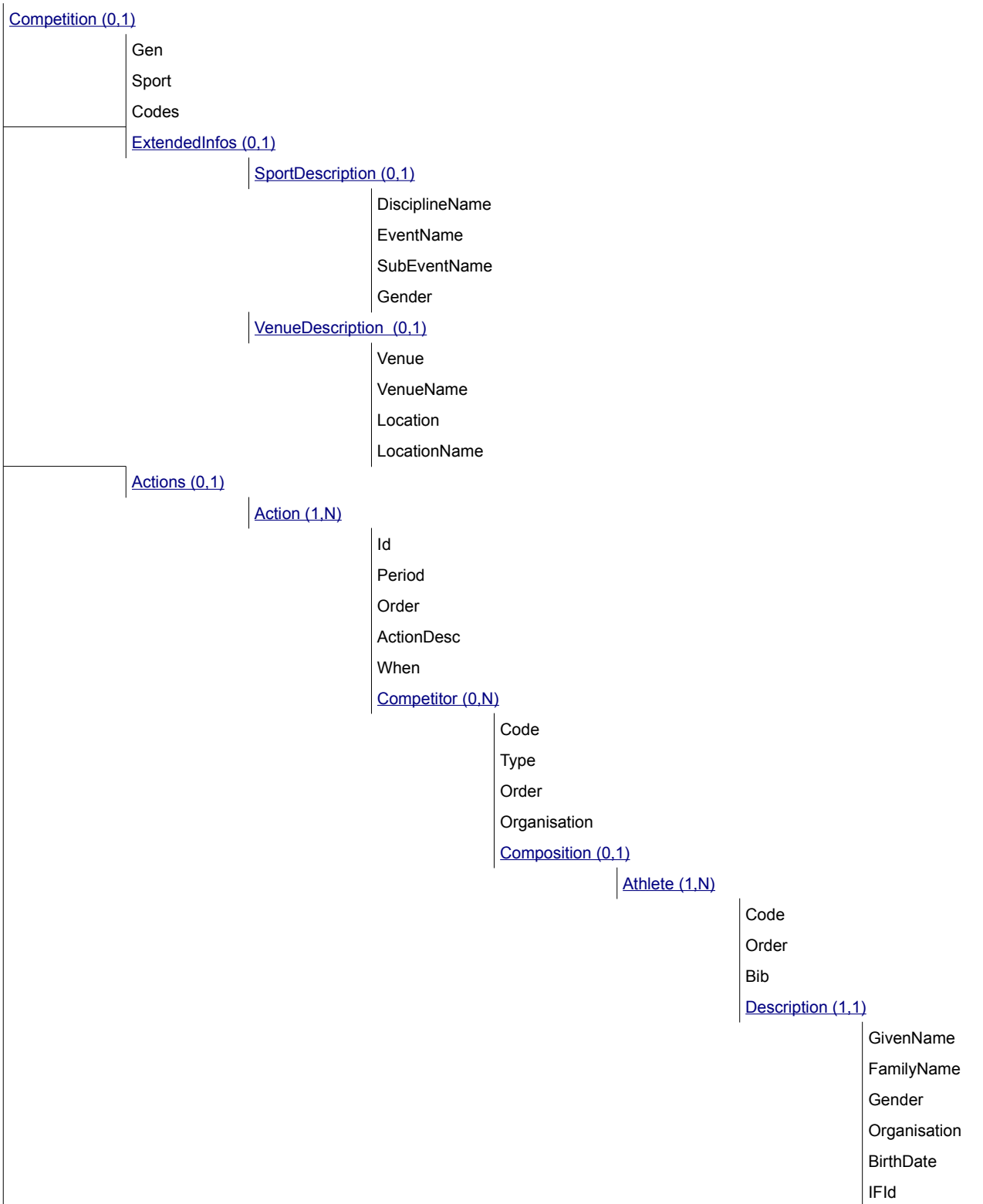
Messages will be generated with this frequency and status

- * After every race incident (LIVE or UNOFFICIAL if any new incident after race and before results be official)
- * After the race (unit) (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 | Level 8 |
|---------|---------|---------|---------|---------|---------|---------|---------|
|---------|---------|---------|---------|---------|---------|---------|---------|





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

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

| Element: Competition /Actions /Action (1,N) | | | |
|---|-----|---------|---|
| Attribute | M/O | Value | Description |
| Id | M | S(36) | Unique identifier for the action within the message. When the identifier is assigned for an action in a unit then it must not change within the same unit in subsequent messages. |
| Period | M | S(2) | When in race (lap), 0 for incidents before race starts. |
| Order | M | Numeric | Unique sequential number for all the incidents in the race, from 1 to n |
| ActionDesc | O | S(200) | Action/Incident description |
| When | O | h:mm:ss | Race time when the incident occurred. Do not send leading zeros. |

| Element: Competition /Actions /Action /Competitor (0,N) | | | |
|--|-----|------------------------------|-----------------|
| Competitor participating in the Action. Used when the Action is related to a competitor. | | | |
| Attribute | M/O | Value | Description |
| Code | M | S(20) with no leading zeroes | Competitor's ID |



| | | | |
|--------------|---|----------------------------------|--|
| Type | M | S(1) | A for athlete |
| Order | M | Numeric | Order in which the competitor should appear for the action, if there is more than one competitor. Send 1 if only 1 competitor. |
| Organisation | M | CC @Organisation | Competitors' organisation |

| Element: Competition /Actions /Action /Competitor /Composition /Athlete (1,N) | | | |
|---|-----|------------------------------|--|
| Attribute | M/O | Value | Description |
| Code | M | S(20) with no leading zeroes | Athlete's ID related to the action |
| Order | O | Numeric | Order of the athletes. Used to order the athletes when there are more than one athlete related to the action. Send 1 if only 1 competitor. |
| Bib | O | S(4) | Bib number |

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

Sample (Action)

```
<Actions>
...
<Action ID="3132" Period="5" Order="3" When="1:45:30" ActionDesc="Yellow Flag">
<Competitor Code="1008743" Type="A" Organisation="SUI" Order="1">
  <Composition>
    <Athlete Code="1008743" Order="1" Bib="51">
      <Description GivenName="Jane" FamilyName="Smits" Gender="F" Organisation="SUI" BirthDate="1994-12-15" />
    </Athlete>
  </Composition>
</Competitor>
</Action>
...
```

2.3.3.6 Message Sort

Actions /Action @Order.



2.3.4 Event Final Ranking

2.3.4.1 Description

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

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

Depending on the sport rules include all competitors in the competition as all can be ranked (as in Marathon) or only include those with a final ranking as other are unranked (as in tennis).

2.3.4.2 Header Values

The following table describes the message header attributes.

| Attribute | Value | Comment |
|-----------------|----------------------------------|---|
| CompetitionCode | CC_@Competition | Unique ID for competition |
| DocumentCode | CC_@Event | Full RSC of the Event |
| DocumentType | DT_RANKING | Event Final ranking message |
| Version | 1..V | Version number associated to the message's content. Ascending number |
| ResultStatus | CC_@ResultStatus | Result status, indicates whether the data is official or partial. PARTIAL OFFICIAL PROVISIONAL |
| FeedFlag | "P" - Production "T" - Test | Test message or production message. |
| Date | Date | Date when the message is generated, expressed in the local time zone where the message was produced. |
| Time | Time | Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced. |
| LogicalDate | Date | Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight. See full explanation in ODF Foundation. |
| Source | SC_@Source | Code indicating the system which generated the message. |

2.3.4.3 Trigger and Frequency

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.

Usually only send after the competition with status OFFICIAL though PARTIAL may be used in marathon swimming.

Trigger also after any change.



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 |
|-----------------------------------|-------------------------------------|---|---------------------------------------|-------------------------------|-----------------------------------|--|
| Competition (0,1) | Gen Sport Codes | | | | | |
| | ExtendedInfos (0,1) | | | | | |
| | | SportDescription (0,1) | DisciplineName EventName Gender | | | |
| | | VenueDescription (0,1) | Venue VenueName | | | |
| | Result (1,N) | | | | | |
| | | Rank RankEqual ResultType Result IRM SortOrder | | | | |
| | | Competitor (1,1) | Code Type Organisation | | | |
| | | | Composition (1,1) | | | |
| | | | | Athlete (0,N) | | |
| | | | | | Code Order | |
| | | | | | Description (1,1) | |
| | | | | | | GivenName FamilyName Gender Organisation BirthDate IFId |



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

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

| Element: Competition /Result (1,N) | | | |
|--|-----|----------------|---|
| For any event final ranking message, there should be at least one competitor being awarded a result for the event. | | | |
| Attribute | M/O | Value | Description |
| Rank | O | Text | Final Rank of the competitor in the corresponding event. |
| RankEqual | O | S(1) | Identifies if a rank has been equalled. Send "Y" if applicable |
| ResultType | O | SC @ResultType | Type of the @Result attribute |
| Result | O | h:mm:ss.f | The result of the competitor in the event Send if ResultType is not IRM |
| IRM | O | SC @IRM | The invalid rank mark, send if applicable. |
| SortOrder | M | Numeric | Unique sort order for all results based on rank to break rank ties. This attribute is a sequential number with the order of the results for the particular event, if they were to be presented. It is mostly based on the rank, but it should be used to sort out rank ties as well as results without rank. |

| Element: Competition /Result /Competitor (1,1) | | | |
|--|-----|-------|-------------|
| Competitor related to one final event result. | | | |
| Attribute | M/O | Value | Description |



| | | | |
|--------------|---|---|--|
| Code | M | S(20) with no leading zeroes or 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 | CC @Organisation | Competitor's organisation if known |

| Element: Competition /Result /Competitor /Composition /Athlete (0,N) | | | |
|--|-----|------------------------------|---|
| Attribute | M/O | Value | Description |
| Code | M | S(20) with no leading zeroes | Athlete's ID, corresponding to an individual athlete. |
| Order | M | Numeric #0 | 1 if 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 | CC @PersonGender | Gender of the athlete |
| Organisation | M | CC @Organisation | Athletes' organisation |
| BirthDate | O | Date | Birth date (example: YYYY-MM-DD). Must include if the data is available |
| IFId | O | S(16) | International Federation ID |

2.3.4.6 Message Sort

Sort by Result @SortOrder



2.3.5 Configuration

2.3.5.1 Description

The Configuration is a message containing general configuration.

Send before the competition for each unit in separate message in marathon swimming.

2.3.5.2 Header Values

The following table describes the message header attributes.

| Attribute | Value | Comment |
|-----------------|---------------------------------|---|
| CompetitionCode | CC @Competition | Unique ID for competition |
| DocumentCode | CC @Unit | Full RSC of the unit (race) |
| DocumentType | DT_CONFIG | Configuration message |
| Version | 1..V | Version number associated to the message's content. Ascending number |
| FeedFlag | "P" - Production "T" - Test | Test message or production message. |
| Date | Date | Date when the message is generated, expressed in the local time zone where the message was produced. |
| Time | Time | Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced. |
| LogicalDate | Date | Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight. See full explanation in ODF Foundation. |
| Source | SC @Source | Code indicating the system which generated the message. |

2.3.5.3 Trigger and Frequency

The message is sent prior to any ODF Sports message sending one message for each unit.

Trigger also after any change, but considering that, if possible, the configuration for one particular unit must be provided before the start list. If this message changes after any DT_RESULT has been sent then a new version of DT_RESULT must be immediately sent.

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



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

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

| Element: Competition /Configs /Config /ExtendedConfig (1,N) | | | | |
|--|-------------------|---------------|---|--|
| Type | Code | Pos | Description | |
| EC | INTERMEDIATE | S(2) | Pos Description: Send the value that identifies each of the split points (according to the event distance, from 1 to F, where F is when the race finishes), (send F for finish) Element Expected: Always | |
| | Attribute | M/O | Value | Description |
| | Value | M | Numeric ##0.0# | Send distance in km at this intermediate point. |
| Sub Element: Competition /Configs /Config /ExtendedConfig /ExtendedConfigItem Expected When applicable | | | | |
| | Attribute | Value | Description | |
| | Code | NAME | | |
| | Pos | N/A | | |
| | Value | SC @IntPtType | Code for this intermediate point | |
| EC | INTERMEDIATES_NUM | N/A | Element Expected: Always | |
| | Attribute | M/O | Value | Description |
| | Value | M | Numeric #0 | Send the total number of intermediate points including the finish. |



| | | | | |
|----|------------------|------------|------------------|---|
| EC | | DISTANCE | N/A | Element Expected: Always |
| | Attribute | M/O | Value | Description |
| | Value | M | Numeric ##0.0 | Send the total distance for the race in kilometers. |
| EC | | LAPS_NUM | N/A | Element Expected: Always |
| | Attribute | M/O | Value | Description |
| | Value | M | Numeric #0 | Send the total number of laps. |

Sample (Splits)

```
<Configs>
  <Config Unit="OWSM10KM-----FNL-000100--">
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="1" Value="2.5" />
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="2" Value="5.0" >
      < ExtendedConfigItem Code="NAME" Value="LAP1" />
    </ExtendedConfig>
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="3" Value="7.5" />
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="F" Value="10.0" >
      < ExtendedConfigItem Code="NAME" Value="LAP1.5" />
    </ExtendedConfig>
    <ExtendedConfig Type="EC" Code="INTERMEDIATES_NUM" Value="4" />
    <ExtendedConfig Type="EC" Code="LAPS_NUM" Value="2" />
    <ExtendedConfig Type="EC" Code="DISTANCE" Value="10.0" />
  </Config>
</Configs>
```

2.3.5.6 Message Sort

There is no message sorting rule.



2.3.6 Weather conditions

2.3.6.1 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.

2.3.6.2 Header Values

The following table describes the message header attributes.

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

2.3.6.3 Trigger and Frequency

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

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 |
|-----------------------------------|-------------------------------|---------|---------|---------|
| Competition (0.1) | Gen | | | |
| | Sport | | | |
| | Codes | | | |
| | Weather (1.1) | | | |
| | | Date | | |



| | | | |
|--|--|--------------------------------------|-------|
| | | Conditions (1..N) | |
| | | Code | |
| | | Humidity | |
| | | Wind_Direction | |
| | | Condition (0..3) | |
| | | | Code |
| | | | Value |
| | | Precipitation (0..N) | |
| | | | Unit |
| | | | Value |
| | | Pressure (0..N) | |
| | | | Unit |
| | | | Value |
| | | Temperature (0..N) | |
| | | | Code |
| | | | Unit |
| | | | Value |
| | | Wind (0..N) | |
| | | | Code |
| | | | Unit |
| | | | Value |

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 /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 | SC.@WeatherPoint | Weather Point(s) |
| Humidity | O | Numeric ##0 | Humidity in % |



| | | | |
|----------------|---|-----------------------------------|----------------|
| Wind_Direction | O | CC @WindDirection | Wind direction |
|----------------|---|-----------------------------------|----------------|

| Element: Competition /Weather /Conditions /Condition (0,3) | | | |
|--|-----|----------------------|--|
| Attribute | M/O | Value | Description |
| Code | M | SKY | Weather conditions type |
| Value | M | CC @WeatherCondition | Codes that describe the Weather Condition. |

| Element: Competition /Weather /Conditions /Precipitation (0,N) | | | |
|--|-----|---------------------------------------|--|
| Attribute | M/O | Value | Description |
| Unit | M | SC @PrecipitationUnit | Precipitation unit |
| Value | M | Numeric ###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 ###0 | Air pressure in hPa |

| Element: Competition /Weather /Conditions /Temperature (0,N) | | | |
|--|-----|-------------------------------------|--|
| Attribute | M/O | Value | Description |
| Code | M | AIR, WBGT, WATER | Air, WBGT and water temperature |
| Unit | M | SC @TemperatureUnit | Temperature unit |
| Value | M | Numeric -##0.0 or ##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 | SC @WindUnit | Wind unit |
| Value | M | Numeric ##0 | Wind speed in @Unit |

2.3.6.6 Message Sort

There is no special sort order requirement for this message.



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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 operation start | DT_SCHEDULE | | x | | | | |
| Periodically as soon as ODF operation start | DT_PARTIC | | x | | | | |

3.2 Before competition

| Trigger | Message | Status | D | E | P | S | U |
|---|---|------------|---|---|---|---|---|
| When INFO goes live | DT_PDF C08 Competition Schedule | | x | | | | |
| When INFO goes live | DT_PDF C35A Competition Officials | | | x | | | |
| When INFO goes live | DT_PDF C35B Technical Open Water Swimming Committee | | x | | | | |
| After Initial Download, if any change | DT_SCHEDULE_UPDATE | | x | | | | |
| After Initial Download, if any change | DT_PDF C08 Competition Schedule | | x | | | | |
| As soon as Participant verification process finish (ORIS C38/C39 process) | DT_PARTIC_UPDATE | | x | | | | |
| After the Team Leaders' Meeting, if any change of athlete data | DT_PDF C32C Entry List by Event | | | x | | | |
| After the Team Leaders' Meeting | DT_CONFIG | | | | | | x |
| After the Team Leaders' Meeting | DT_RESULT | START_LIST | | | | | x |
| After the Team Leaders' Meeting | DT_PDF C51 Start List | | | | | | x |

3.3 During competition

| Trigger | Message | Status | D | E | P | S | U |
|---|--------------------------|---------------|---|---|---|---|---|
| If there is any action before the start | DT_PLAY_BY_PLAY | START_LIST | | | | | x |
| When competition is ready to start | DT_SCHEDULE_UPDATE | GETTING_READY | x | | | | o |
| When competition starts | DT_SCHEDULE_UPDATE | RUNNING | x | | | | o |
| | DT_RESULT | LIVE | | | | | x |
| If any race incident | DT_PLAY_BY_PLAY | LIVE | | | | | x |
| When IF allows the release of the medallists (before results are official, or even not all competitors have finished yet) | DT_MEDALLISTS | UNOFFICIAL | | x | | | |
| | DT_MEDALLISTS_DISCIPLINE | | x | | | | |
| | DT_MEDALS | | x | | | | |



3.4 After competition

| Trigger | Message | Status | D | E | P | S | U |
|---|-----------------------------------|-------------|---|---|---|---|---|
| When competition finishes (last athlete passes the finish line) | DT_SCHEDULE_UPDATE | FINISHED | x | | | | o |
| If results cannot immediately be unofficial | DT_RESULT | UNCONFIRMED | | | | | x |
| | DT_RESULT | UNOFFICIAL | | | | | x |
| After video review and IF approval | DT_RESULT | OFFICIAL | | | | | x |
| | DT_MEDALLISTS | OFFICIAL | | x | | | |
| | DT_MEDALLISTS_DISCIPLINE | | x | | | | |
| | DT_MEDALS | | x | | | | |
| After IF confirmation | DT_RANKING | OFFICIAL | | x | | | |
| | DT_PDF C73 Results | OFFICIAL | | | | | x |
| | DT_PDF C77A Ranking Progression | OFFICIAL | | | | | x |
| | DT_PDF C77B Race Analysis | OFFICIAL | | | | | x |
| | DT_PLAY_BY_PLAY | OFFICIAL | | | | | x |
| | DT_PDF C89 Race Incident Log | OFFICIAL | | | | | x |
| | DT_PDF C92A Medallists | OFFICIAL | | x | | | |
| | DT_PDF C93 Medallists by Event | | x | | | | |
| | DT_PDF C95 Medal Standings | | x | | | | |
| If a protest appeal is raised | DT_RESULT | PROTESTED | | | | | x |
| When protest appeal outcome is known | DT_RESULT | OFFICIAL | | | | | x |
| If Official Communication | DT_PDF C67 Official Communication | | x | x | x | x | x |
| If Sport Communication | DT_PDF C68 Sport Communication | | x | x | x | x | x |
| If Official Communication/Sport Communication | DT_COMMUNICATION | | x | x | x | x | 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 | 14 Jan 2018 | First version as stand-alone document |
| V1.1 | 02 Jul 2018 | Updated |
| V2.0 | 08 Aug 2018 | Updated, CRs |
| V2.1 | 25 Oct 2018 | Updated. First version as a full document |
| V2.2 | 24 Jan 2019 | Updated, CR |
| V2.3 | 18 Apr 2019 | Updated |
| V2.4 | 14 Aug 2019 | Updated, CRs |
| V2.5 | 10 Dec 2019 | Updated after HT |
| V2.6 | 6 Feb 2020 | Updated |
| V3.0 | 4 Nov 2022 | First version for Paris 2024 |
| V3.1 | 10 Feb 2023 | Approved |
| V3.2 | 14 Jul 2023 | CR025912 |
| V3.3 | 25 Aug 2023 | CR026336 |
| V3.4 | 23 Feb 2024 | CR027171 |

File Reference: SOG-2024-OWS-3.4 APP

| Change Log | | |
|------------|--------|--|
| Version | Status | Changes on version |
| V1.0 | SFR | First version (separated from swimming) |
| V1.1 | SFA | DT_RESULT: Result /ExtendedResults /ExtendedResult add SPM and STC |
| V2.0 | SFA | CR15039: Add DT_PARTIC_NAME to applicable messages. CR16671: Add TVFamilyName in DT_PARTIC message. |
| V2.1 | APP | DT_RESULT: Removed the sub-extension SPM (from PROGRESS/INTERMEDIATE code), and the SPM and STC codes as well (at Result /ExtendedResults /ExtendedResult). DT_RESULT: In extension ER/PHOTO added E as a possible value. DT_RESULT: Clarified ExtendedResult Move to use + for improved position. First version as a full document Editorial improvements without changing the intent |
| V2.2 | APP | CR16928: Move ExtendedResults SECTION to use Attribute Value2 to simplify the message and reduce size. |
| V2.3 | APP | DT_CONFIG: Add lap name and number of laps |
| V2.4 | APP | CR16640: Add ODF Version @Competition CR17516: DT_RESULT: Update DISPLAY/LAST_COMP @ExtendedInfos to be sent until the result is OFFICIAL CR17809: Change Participant/OlympicSolidarity to disallow N |
| V2.5 | APP | DT_RESULT: Update PROGRESS/INTERMEDIATE @Result /ExtendedResults /ExtendedResult DT_CONFIG: Update Value at EC/INTERMEDIATE @Configs /Config /ExtendedConfig DT_RESULT: Clarify Expected at DISPLAY/LEADER @ExtendedInfos /ExtendedInfo DT_RESULT: Do not send IRMs when ResultStatus = START_LIST CR18565 DT_PARTIC: Update the description of Participant/Weight |
| V2.6 | APP | DT_RESULT: Update the Result Element in the case of OTL to send time [CR186997] |



| | | |
|------|-----|--|
| V3.0 | SFA | <p>DT_PARTIC: Remove Participant/Height DT_PARTIC: Remove Participant/Weight DT_PARTIC: Remove ENTRY/QUAL_RANK at Participant /Discipline /RegisteredEvent /EventEntry DT_RESULT: Add UI/STARTERS at ExtendedInfos /ExtendedInfo DT_RESULT: Add UI/AFTER_INT at ExtendedInfos /ExtendedInfo DT_RESULT: Add Result /Competitor /Composition /Athlete /EventUnitEntry DT_RESULT: Update @Pos for PROGRESS/INTERMEDIATE/FLAG at Result /ExtendedResults /ExtendedResult DT_RESULT: Add Speed for PROGRESS/INTERMEDIATE at /Result /ExtendedResults /ExtendedResult DT_RESULT: Add Officials /Official DT_RESULT: Officials /Official /Description DT_RESULT: Update triggering DT_RESULT: Update DISPLAY/LEADER for @Pos and Expected at ExtendedInfos /ExtendedInfo DT_RESULT: Update DISPLAY/LAST_COMP for @Pos at ExtendedInfos /ExtendedInfo DT_RESULT: Update SortOrder for PROGRESS/INTERMEDIATE at Result /ExtendedResults /ExtendedResult to only include those passed this point. DT_RESULT: Update PROGRESS/INTERMEDIATE for @Pos at Result /ExtendedResults /ExtendedResult DT_CONFIG: Update EC/INTERMEDIATE at Configs /Config /ExtendedConfig DT_CONFIG: Update EC/INTERMEDIATE/NAME at Configs /Config /ExtendedConfig</p> |
| V3.1 | APP | DT_WEATHER: Message added |
| V3.2 | APP | DT_WEATHER: Updated to be common [CR025912] |
| V3.3 | APP | DT_RESULT: Replace DISPLAY/LAST_COMP with DISPLAY/INT_y at ExtendedInfos /ExtendedInfo [CR026336] |
| V3.4 | APP | DT_RESULT: Update Result/ResultType [CR027171] |