

OLYMPIC DATA FEED

ODF Badminton Data Dictionary

Tokyo 2020 - Games of the XXXII Olympiad

Technology and Information Department

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1 Introduction

1.1 This document

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

1.2 Objective

The objective of this document is to provide a complete and formal definition of the ODF Badminton Data Dictionary, with the intention that the information message producer and the message consumer can successfully interchange the information as the badminton 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 2018 Commonwealth Games

This document is to be applied for the 2018 Commonwealth Games. All included concepts are applied.

1.5 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 |

1.6 Related Documents

| Document Title | Document Description |
|---|--|
| ODF General Principles Document | The document explains the environment and general principles for ODF. |
| ODF General Messages Interface Document | The document describes the ODF General Messages |
| ODF Common Codes | The document describes the ODF Common codes used across all ODF documents. |
| ODF Sport Codes | The document describes the ODF Sport codes used across all ODF documents |
| ODF Header Values | The document details the header values which show which RSCs are used in which messages. |

2 Messages

2.1 Applicable Messages

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

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

| Message Type | Message Name | Message extended |
|--|---|------------------|
| DT_SCHEDULE / DT_SCHEDULE_UPDATE | Competition schedule / update | X |
| DT_PARTIC / DT_PARTIC_UPDATE | List of participants by discipline / update | X |
| DT_PARTIC_TEAMS / DT_PARTIC_TEAMS_UPDATE | List of teams / update | X |
| DT_MEDALS | Medal standings | |
| DT_MEDALLISTS_DAY | Medallists of the day | |
| DT_GLOBAL_GM | Global good morning | |
| DT_GLOBAL_GN | Global good night | |
| DT_RESULT | Event Unit Start List and Results | X |
| DT_PLAY_BY_PLAY | Play by Play | X |
| DT_POOL_STANDING | Pool Standings | X |
| DT_BRACKETS | Brackets | X |
| DT_STATS | Statistics | X |
| DT_RANKING | Event Final Ranking | X |
| DT_COMMUNICATION | Official Communication | |

| Message Type | Message Name | Message extended |
|--------------------------|-------------------------------------|------------------|
| DT_CONFIG | Configuration | X |
| DT_MEDALLISTS | Event's Medallists | |
| DT_MEDALLISTS_DISCIPLINE | Medallists by discipline | |
| DT_LOCAL_OFF | Discipline/venue stop transmission | |
| DT_LOCAL_ON | Discipline/venue start transmission | |
| DT_KA | Keep Alive | |

2.2 Messages

2.2.1 Competition schedule / Competition schedule update

2.2.1.1 Description

The Competition schedule is a bulk message provided for one particular discipline. As a general rule, it contains the complete schedule information for all event units needed to run a competition and excludes event units for activities such as unofficial training and press conferences.

This message contains the competition timetable for a complete discipline as well as status for each competition unit and is updated from OVR via the schedule update message.

All event units in codes which have the 'schedule' flag set to 'Y' are included in schedule messages (and have status UNSCHEDULED or SCHEDULED).

The arrival of the competition schedule message resets all the previous schedule information for one particular discipline.

The StartList component of the message is only included in the case that the Unit Type is one of HATH, HCOUP, HNOC or HTEAM and at least one of the competitors are known.

The Composition component (i.e. listing athletes) is only included in the case that the Unit Type is one of HATH or HCOUP.

Managing when start times are not known.

- In some disciplines the start time of each unit is not known and the unit are managed by order rather than time.
- In these disciplines usually only the time of the first unit (or first unit per location) is known and distributed. In this case all units should be sent with the same start time and those following units flagged as HideStartDate (and finish). To be able to correctly order these units then the Order attribute is used.
- To ensure there are no incorrectly ordered units then the start time must not be updated to the actual start time (there is an actual start time field to cater for this).
- If the discipline requires some text describing the order then StartText is used. Typical uses include 'Not before 17:00' or 'SUN 29 - 2nd match on CC' or 'Follows'.
- Where HideStartDate='Y' is used then all start times for the units may be the same, usually the same as the first unit in the session or location (which generally will not use HideStartDate='Y') but this is not mandatory and approximate start times may be used. The specific way this is managed in each sport is detailed in the specific sport data dictionary.

Advice for end users - how to sort event units and use DT_SCHEDULE:

When displaying the schedule users must use the following sort order to display as intended:

1. By day (or filter by day)
2. By location if applicable (in a small number of sports)
3. By Time (regardless if HideStartDate='Y')
4. By Order

The Order is sent for all units where HideStartDate='Y' else not sent. Start with 1 each new session each day
End users should only display StartText if HideStartDate='Y'

Competition schedule update:

Competition schedule update is an update message. It is not a complete schedule information message, but only the schedule data being modified.

The arrival of this message updates the previous schedule information for one particular event unit, but does not notify any other change for the rest of the event units except for those contained in the message.

The key of the information updated is Unit @Code. Therefore, any new unit, deleted unit or updated unit will be identified by all this attribute.

2.2.1.2 Header Values

The following table describes the message header attributes.

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

2.2.1.3 Trigger and Frequency

The competition schedule will be sent as a bulk message (DocumentType="DT_SCHEDULE") when available before the Games and then sent multiple times until a date to be confirmed after which only update messages will be sent (DocumentType="DT_SCHEDULE_UPDATE") by OVR. There is no automatic triggering and this (DT_SCHEDULE) message must not be sent after the transfer of control to OVR.

The competition schedule update message should be triggered at any time there has been a competition schedule modification for any previously sent competition schedule bulk message or update message including the addition of start list details (H2H).

Generally start list details for H2H should be sent immediately when known and usually soon after the preceding unit changes to Official.

The triggers for status changes are described in each sport data dictionary where differences are needed.

If any text descriptions change in a message (as opposed to the code) then this message is not resent to correct previous messages however the new data is to be used in future messages.

2.2.1.4 Message Values

| Element: Competition /Session (0,N) | | | |
|-------------------------------------|-----|--------------------|---|
| Attribute | M/O | Value | Description |
| SessionCode | M | S(5) | Format DDD00 where DDD is the discipline and 00 is the session number. |
| StartDate | M | DateTime | Start date. Example: 2006-02-26T10:00:00+01:00 |
| EndDate | O | DateTime | End date. Example: 2006-02-26T10:00:00+01:00 |
| Leadin | O | m:ss | Amount of time from session start to first scheduled unit. |
| Venue | M | CC @VenueCode | Venue where the session takes place |
| VenueName | M | S(25) | Venue name |
| ModificationIndicator | O | S(1) | Attribute is mandatory in the DT_SCHEDULE_UPDATE message. N = New or U = Update. |
| SessionStatus | M | CC @ScheduleStatus | nly use CANCELLED if applicable. All other sessions are assumed to be scheduled. There is no change to running or finished. |
| SessionType | O | CC @SessionType | Session Type of the session |

| Element: Competition /Session /SessionName (1,N) | | | |
|--|-----|--------------|--|
| Attribute | M/O | Value | Description |
| Language | M | CC @Language | Language of the Session Description |
| Value | O | S(40) | Name of the session. (if no other name then is session code) |

| Element: Competition /Session (0,N) | | | |
|-------------------------------------|-----|--------------------|---|
| Attribute | M/O | Value | Description |
| SessionCode | M | S(5) | Code of the session which contains this event unit. Usually in the format DDD00 where DDD is the discipline and 00 is the session number within the discipline. |
| StartDate | M | DateTime | Start date. Example: 2006-02-26T10:00:00+01:00 |
| EndDate | M | DateTime | Start date. Example: 2006-02-26T10:00:00+01:00 |
| Leadin | O | m:ss | Amount of time from session start to first scheduled unit. |
| Venue | M | CC @VenueCode | Venue where the session takes place |
| VenueName | M | S(25) | Name of venue |
| ModificationIndicator | O | S(1) | Attribute is mandatory in the DT_SCHEDULE_UPDATE message. N = New or U = Update. |
| SessionStatus | O | CC @ScheduleStatus | Only use CANCELLED if applicable. All other sessions are assumed to be scheduled. There is no change to running or finished. |
| SessionType | O | CC @SessionType | Session type of the session |

| Element: Competition /Unit (0,N) | | | |
|----------------------------------|-----|-----------------------|--|
| Attribute | M/O | Value | Description |
| Code | M | Full RSC for the unit | |
| PhaseType | M | CC @PhaseType | Phase type for the unit |
| UnitNum | O | S(6) | Match Number |
| ScheduleStatus | M | CC @ScheduleStatus | Unit Status |
| StartDate | O | DateTime | Start date. This attribute may not be sent when the @ScheduleStatus is UNSCHEDULED. For other statuses the StartDate is expected otherwise ordering is display is incorrect (including CANCELLED and POSTPONED). This is the scheduled Start date and time and will not be updated when an event unit starts (updated only with RESCHEDULED status) Example: 2006-02-26T10:00:00+01:00 |

| Element: Competition /Unit (0,N) | | | |
|----------------------------------|-----|-------------------|---|
| Attribute | M/O | Value | Description |
| HideStartDate | O | S(1) | <p>Send 'Y' if StartDate (scheduled start time) should not be displayed. It may be an estimate or 'fake' time. Do not send if StartDate (scheduled start time) is to be displayed.</p> <p>Start times of some units depend on the finalisation of previous event units and therefore there is no fixed start time in these cases this field is set to 'Y'.</p> <p>When the flag is set to 'Y' then the time is used for sorting purposes but should not be displayed.</p> |
| EndDate | O | DateTime | <p>End date. This attribute may not be sent when the @ScheduleStatus is UNSCHEDULED, POSTPONED or CANCELLED.</p> <p>Example: 2006-02-26T10:00:00+01:00</p> |
| HideEndDate | O | S(1) | <p>Send 'Y' if EndDate scheduled end time is not to be displayed.</p> <p>Some event units have a scheduled end time well bounded, however, some event units in some circumstances have a scheduled end time not quite variable (example, some press conferences or tennis matches, etc.) in these cases this field is set to 'Y' and should not be displayed.</p> |
| ActualStartDate | O | DateTime | <p>This attribute is expected once the event unit has started. Example: 2006-02-26T10:03:22+01:00</p> |
| ActualEndDate | O | DateTime | <p>This attribute is expected once the event unit has finished. Example: 2006-02-26T12:43:51+01:00</p> |
| Medal | O | SC @UnitMedalType | <p>Gold medal event unit or bronze medal event unit. Do not send if not a medal event unit</p> |
| Venue | M | CC @VenueCode | <p>VVenue where the unit takes place Use TBD if the Venue is not known yet (CC).</p> |
| Location | M | CC @Location | <p>Location where the unit takes place Use TBD if the Location is not known yet (CC) or a generic code for the discipline.</p> |
| SessionCode | O | S(5) | <p>Code of the session which contains this event unit.</p> |

| Element: Competition /Unit (0,N) | | | |
|---|------------|--------------|---|
| Attribute | M/O | Value | Description |
| ModificationIndicator | O | N, U | <p>Attribute is mandatory in the DT_SCHEDULE_UPDATE message only</p> <p>N-New event unit U-Update event unit If ModificationIndicator='N', then include new event unit. It will be rarely used as most added units were available in "UNSCHEDULED" status.</p> <p>If ModificationIndicator="U", then update the event unit.</p> |

| Element: Competition /Unit /StartText (0,N) | | | |
|--|------------|--------------|---|
| This element is only used for Competition Schedules when HideStartDate is 'Y'. In this case, English Language is mandatory. | | | |
| Attribute | M/O | Value | Description |
| Language | M | CC @Language | Code Language of the @Value |
| Value | M | S(20) | <p>Text to be displayed in the case that StartDate is not to be displayed (e.g. "After M.1" or "Followed by")</p> <p>Using a code set or fixed text will also be directly displayed and allow end user translation.</p> |

| Element: Competition /Unit /ItemName (1,N) | | | |
|---|------------|--------------|---|
| Attribute | M/O | Value | Description |
| Language | M | CC @Language | Code Language of the @Value |
| Value | M | S(40) | <p>Item Name / Unit Description.</p> <p>For competition units show the short unit description from common codes which matches the RSC. As in all messages with a description only the ENG description is expected.</p> <p>For non-competition schedules (where the item description is not in common codes) then add the description.</p> |

| Element: Competition /Unit /VenueDescription (1,1) | | | |
|--|-----|-------|---|
| Attribute | M/O | Value | Description |
| VenueName | M | S(25) | Venue name in first language. This is the CC value from unit/venue |
| LocationName | M | S(30) | Location name in first language. This is the CC value from unit/location. |

| Element: Competition /Unit /StartList /Start (1,N) | | | |
|--|-----|---------|---|
| StartList information is only sent in the case that the Unit type is one of HATH, HCOUP, HNOC or HTEAM and at least one of the competitors are known. (Sent as soon as known for applicable units) | | | |
| Attribute | M/O | Value | Description |
| StartOrder | O | Numeric | Competitor's start order |
| SortOrder | M | Numeric | Used to sort competitors in an event unit (for example, if there is no StartOrder). It is mainly used for display purposes. |

| Element: Competition /Unit /StartList /Start /Competitor (1,1) | | | |
|--|-----|--|--|
| Attribute | M/O | Value | Description |
| Code | M | S(20) with no leading zeroes, TBD or NOCOMP. | Competitor's ID, TBD in case that the competitor is not known at this time AND the other competitor is known. NOCOMP is sent when there is no competitor (and will not come later) |
| Type | M | S(1) | T for team or A for Athlete |
| Organisation | O | CC @Organisation | Should be sent when known |

| Element: Competition /Unit /StartList /Start /Competitor /Description (0,1) | | | |
|---|-----|-------|---|
| Attribute | M/O | Value | Description |
| TeamName | M | S(73) | Team Name where known, must send when available |

| Element: Competition /Unit /StartList /Start /Competitor /Composition /Athlete (1,N) | | | |
|--|-----|------------------------------|---|
| Only send in the case that the Unit type is one of HATH (BDM, TTE etc) or HCOUP (BDM, TTE etc), In case of the Competitor @Code='TBD' this element should not be sent. | | | |
| Attribute | M/O | Value | Description |
| Code | M | S(20) with no leading zeroes | Athlete's ID, corresponding to either a team member or an individual athlete in the event unit. |
| Order | M | Numeric | Order attribute used to sort team members in a team (if Competitor @Type="T") or 1 if Competitor @Type="A". |

| Element: Competition /Unit /StartList /Start /Competitor /Composition /Athlete /Description (1,1) | | | |
|---|-----|------------------|--|
| Attribute | M/O | Value | Description |
| GivenName | O | S(25) | Given name in WNPA format (mixed case). Send if not null. |
| FamilyName | M | S(25) | Family name in WNPA format (mixed case) |
| Gender | M | CC @PersonGender | Participant's gender |
| Organisation | M | CC @Organisation | Organisation ID |
| BirthDate | O | YYYY-MM-DD | Date of birth. |
| IFId | O | S(16) | Athlete IF number, send if available, only for the current discipline. |

2.2.1.5 Message Sort

The message is sorted by Unit@StartDate then by Unit@Order then Unit@Code.

In case of event unit with no Unit@StartDate defined (example, they are in an event unit status such as UNSCHEDULED), they will be listed at the end in Unit@Code order.

2.2.2 List of participants by discipline / List of participants by discipline update

2.2.2.1 Description

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

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

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

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

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

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

2.2.2.2 Header Values

The following table describes the message header attributes.

| Attribute | Value | Comment |
|-----------------|-------------------------------|--|
| CompetitionCode | CC @Competition | Unique ID for competition |
| DocumentCode | Full RSC (discipline level) | RSC at the discipline level |
| DocumentType | DT_PARTIC DT_PARTIC_UPDATE | List of participants by discipline message |
| Version | 1..V | Version number associated to the message's content. Ascendant number |
| FeedFlag | "P"-Production "T"-Test | Test message or production message. |
| Date | Date | Date when the message is generated, expressed in the local time zone where the message was produced. |

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

2.2.2.3 Trigger and Frequency

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

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

2.2.2.4 Message Values

| Element: Participant (1,N) | | | |
|----------------------------|-----|------------------------------|--|
| Attribute | M/O | Value | Description |
| Code | M | S(20) with no leading zeroes | <p>Participant's ID.</p> <p>It identifies an athlete or an official and the holding participant's valid information for one particular period of time.</p> <p>It is used to link other messages to the participant's information.</p> <p>Participant's information (example @Organisation) will not be the latest for the athlete/official, unless the @Code attribute is the same as the @Parent attribute. However, this information could be the one being valid in the particular moment of a start list, event unit results, etc.</p> <p>When the participant is an historical one, then this ID will start with "A" when it is an Athlete, "C" when Coach and "O" when Official.</p> |
| Parent | M | S(20) with no leading zeroes | <p>Participant's parent ID, which is used to link to the latest valid information for one participant. @Parent attribute should be linked to the latest participant's information, by retrieving that Athlete/Official whose @Code attribute is the same as @Parent.</p> <p>The participant containing @Code attribute being the same as the @Parent attribute will be the one with the latest information for the participant.</p> <p>The @Parent attribute will only be different from @Code in the case that critical personal information has changed from previous competitions. The typical examples are Organisation (for change of country) or 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) |

| Element: Participant (1,N) | | | |
|----------------------------|-----|---------------------|---|
| Attribute | M/O | Value | Description |
| PrintName | M | S(35) | Print name (family name in upper case + given name in mixed case) |
| PrintInitialName | M | S(18) | Print Initial name (for the given name it is sent just the initial, without dot) |
| TVName | M | S(35) | TV name |
| TVInitialName | M | S(18) | TV initial name |
| Gender | M | CC @PersonGender | Participant's gender |
| Organisation | M | CC @Organisation | Organisation ID |
| BirthDate | O | YYYY-MM-DD | Date of birth. This information may not be known at the very beginning, but it will be completed for all participants after successive updates |
| Height | O | S(3) | Height in centimetres. It will be included if this information is available. This information is not needed in the case of officials/referees. "-" may be used where the data is not available. |
| Weight | O | S(3) | Weight in kilograms. It will be included if this information is available. This information is not needed in the case of officials/referees. "-" may be used where the data is not available. |
| PlaceofBirth | O | S(75) | Place of Birth |
| CountryofBirth | O | CC @Country | Country ID of Birth |
| PlaceofResidence | O | S(75) | Place of Residence |
| CountryofResidence | O | CC @Country | Country ID of Residence |
| Nationality | O | CC @Country | Participant's nationality. Although this attribute is optional, in very exceptional situations it will not be known, and for this reason not ready to be sent. |
| MainFunctionId | O | CC @ResultsFunction | Main function In the Case of Current="true" this attribute is Mandatory. |
| Current | M | boolean | It defines if a participant is participating in the games (true) or is a Historical participant (false). |
| OlympicSolidarity | O | S(1) | 'Y' or 'N' Flag to indicating if the participant participates in the Olympic Scholarship program. |

| Element: Participant (1,N) | | | |
|-----------------------------------|------------|--------------|--|
| Attribute | M/O | Value | Description |
| ModificationIndicator | M | S(1) | <p>'N' or 'U' Attribute is mandatory in the DT_PARTIC_UPDATE message only</p> <p>N-New participant (in the case that this information comes as a late entry) U-Update participant</p> <p>If ModificationIndicator='N', then include new participant to the previous bulk-loaded list of participants</p> <p>If ModificationIndicator='U', then update the participant to the previous bulk-loaded list of participants</p> <p>To delete a participant, a specific value of the Status attribute is used.</p> |

| Element: Participant /Discipline (1,1) | | | |
|---|------------|----------------|---|
| <p>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.</p> | | | |
| Attribute | M/O | Value | Description |
| Code | M | CC @Discipline | Full RSC of the discipline |
| IFId | O | S(16) | IF ID (Competitor's federation number for the corresponding discipline) |

| Element: Participant /Discipline /RegisteredEvent (0,N) | | | |
|---|------------|--------------|--|
| <p>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.</p> | | | |
| Attribute | M/O | Value | Description |
| Event | M | CC @Event | Full RSC of the event |
| Substitute | O | S(1) | Flag that indicates when the competitor is an alternate. Send "Y" if the competitor is an alternate player |

| Element: Participant /Discipline /RegisteredEvent /EventEntry (0,N) Send if there are specific athlete's event entries. | | | | |
|--|------------------|------------|--|---|
| Type | Code | Pos | Description | |
| ENTRY | RANK_PTS | N/A | Element Expected: If available (this information can be sent in both messages). Only for Individual Participant. | |
| | Attribute | M/O | Value | Description |
| | Value | M | Numeric #####0.0000 | Send the athlete's World Badminton Ranking Points |
| ENTRY | RANK_WLD | N/A | Element Expected: If applicable (this information can be sent in both messages). Only for Individual events. | |
| | Attribute | M/O | Value | Description |
| | Value | O | S(3) | Player's world ranking |
| ENTRY | SEED | N/A | Element Expected: If applicable as soon as this information is known (this information only will be sent in the update message). Only for Individual events. | |
| | Attribute | M/O | Value | Description |
| | Value | O | S(6) | Seed: Could have the format "3/12" |
| ENTRY | HAND | N/A | Element Expected: If available (this information can be sent in both messages) Only for Individual Participant. | |
| | Attribute | M/O | Value | Description |
| | Value | M | SC @Hand | Handedness |

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

Sample

```
<Discipline Code="BDM-----" IFid="203258" >  
  <RegisteredEvent Event="BDMMSINGLES-----" >  
    <EventEntry Type="ENTRY" Code="HAND" Value="L" />  
    <EventEntry Type="ENTRY" Code="RANK_WLD" Value="7" />  
  </RegisteredEvent>  
</Discipline>
```

2.2.2.5 Message Sort

The message is sorted by Participant @Code

2.2.3 List of teams / List of teams update

2.2.3.1 Description

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

A team is a type of competitor, being a group of two or more individual athletes participating together in one event. Pairs are also defined as team of two competitors. One team participates in one event of one discipline. When one team participates in multiple events, there will be one team for each event for the same group. Also when the same organisation participates in the same event twice, there will be different teams. Badminton has two types of teams, pairs and “team” in the team competition.

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

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

2.2.3.2 Header Values

The following table describes the message header attributes.

| Attribute | Value | Comment |
|-----------------|---|---|
| CompetitionCode | CC @Competition | Unique ID for competition |
| DocumentCode | Full RSC (discipline level) | RSC at the discipline level |
| DocumentType | DT_PARTIC_TEAMS / DT_PARTIC_TEAMS_UPDATE | List of participant teams message |
| Version | 1..V | Version number associated to the message's content. Ascendant number |
| FeedFlag | "P"-Production "T"-Test | Test message or production message. |
| Date | Date | Date when the message is generated, expressed in the local time zone where the message was produced. |
| Time | Time | Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced. |

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

2.2.3.3 Trigger and Frequency

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

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

2.2.3.4 Message Values

| Element: Team (1,N) | | | |
|-----------------------|-----|------------------------------|--|
| Attribute | M/O | Value | Description |
| Code | M | S(20) with no leading zeroes | Team's ID When the Team is an historical one, then this ID starts with "T". |
| Organisation | M | CC @Organisation | Team organisation's ID |
| Number | O | Numeric #0 | Team's number. If there is not more than one team for one organisation participating in one event, it is 1. Otherwise, it will be incremental, 1 for the first organisation's team, 2 for the second organisation's team, etc. Required in the case of current teams. |
| Name | O | S(73) | Team's name. |
| TVTeamName | O | S(21) | TV Team Name |
| Gender | M | CC @DisciplineGender | Discipline Gender Code of the Team |
| Current | M | boolean | It defines if a team is participating in the games (true) or it is a Historical team (false) |
| ModificationIndicator | M | N, U, D | Attribute is mandatory in the DT_PARTIC_TEAMS_UPDATE message only N-New team (in the case that this information comes as a late entry) U-Update team D-Delete team If ModificationIndicator='N', then include new team to the previous bulk-loaded list of teams If ModificationIndicator='U', then update the team to the previous bulk-loaded list of teams If ModificationIndicator='D', then delete the team to the previous bulk-loaded list of teams |

| Element: Team /Composition /Athlete (0,N) | | | |
|---|-----|------------------------------|--|
| In the case of current teams the number of athletes is 2 or more. | | | |
| Attribute | M/O | Value | Description |
| Code | M | S(20) with no leading zeroes | Athlete's ID of the listed team's member. Therefore, he/she makes part of the team's composition. |
| Order | O | Numeric | Team member order |

Element: Team /Discipline (0,1)

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

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

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

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

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

Element: Team /Discipline /RegisteredEvent /EventEntry (0,N)

| Type | Code | Pos | Description |
|-------|--|------------|--|
| ENTRY | RANK_WLD | N/A | Element Expected: If available (this information can be sent in both messages). |
| | Attribute | M/O | Value |
| | Value | O | S(4) |
| | Send the team's World Badminton Ranking | | |
| ENTRY | RANK_PTS | N/A | Element Expected: If available (this information can be sent in both messages). |
| | Attribute | M/O | Value |
| | Value | O | Numeric #####0.0000 |
| | Send the teams's World Badminton Ranking Points | | |
| ENTRY | SEED | N/A | Element Expected: If available (this information can be sent in both messages). |
| | Attribute | M/O | Value |
| | Value | O | S(6) |
| | Team Seed Number Could have the format "3/12" | | |

Sample

```
<Team Code="BDMMTEAM-----CAN01" Organisation="CAN" Number="1" Name="Canada" Gender="M"
Current="true">
  <Composition>
    <Athlete Code="1063192" Order="1"/>
    <Athlete Code="1063249" Order="2"/>
    <Athlete Code="1067349" Order="3"/>
  ....
</Composition>
<Discipline Code="BDM-----" >
  <RegisteredEvent Event="BDMMTEAM-----" >
    <EventEntry Type="ENTRY" Code="RANK_WLD" Value="3" />
  </RegisteredEvent>
</Discipline>
</Team>
```

2.2.3.5 Message Sort

The message is sorted by Team @Code.

2.2.4 Event Unit Start List and Results

2.2.4.1 Description

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

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

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

2.2.4.2 Header Values

The following table describes the message header attributes.

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

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

2.2.4.3 Trigger and Frequency

This message is sent with ResultStatus 'START_LIST' as soon as the start list (competitors) are known and any changes to the information.

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

For individual match in Singles or Doubles (in team event or not):

- As soon as each competitor is known and any changes in start list data (START_LIST)
- When the unit starts and after every change in any data (LIVE)
- At the end of each game (INTERMEDIATE)
- After the unit is over (UNOFFICIAL / OFFICIAL)

(For team match in Team events):

- As soon as each competitor is known and any changes in start list data of team match (START_LIST)
- When the unit starts and after every change in any data (LIVE)
- After a sub-match is finished (within the team match), except for the last one (INTERMEDIATE)
- After the unit is over (UNOFFICIAL / OFFICIAL)

Note: during a team match when the first sub-match finishes for example (the sub-match status is UNOFFICIAL), and the status of DT_RESULT for team match is still LIVE (just an INTERMEDIATE message will be sent after a sub-match), until the team match finishes (UNOFFICIAL / OFFICIAL).

2.2.4.4 Message Values

| Element: ExtendedInfos /UnitDateTime (0,1) | | | |
|--|-----|----------|---|
| Attribute | M/O | Value | Description |
| StartDate | O | DateTime | Actual start date-time. Do not include until unit starts. |
| Duration | O | mmm | Match duration Duration of the Match in minutes. Update with each message after the start of the match. |

| Element: ExtendedInfos /ExtendedInfo (0,N) | | | |
|--|-------------------|------------|---|
| Type | Code | Pos | Description |
| UI | RES_CODE | N/A | Element Expected: Always when available |
| | Attribute | M/O | Value |
| | Value | O | SC @ResultCode Send the Result Code of the Match. Used only for Bye or W/O. |
| UI | RALLY_TIME_MAX | N/A | Element Expected: Always when available except in overall team match |
| | Attribute | M/O | Value |
| | Value | O | ss Duration (sec) of the longest rally in the match. |
| UI | RALLY_STROKES_MAX | N/A | Element Expected: Always when available except in overall team match |
| | Attribute | M/O | Value |
| | Value | O | Numeric ##0 Strokes in the longest rally in the match. |
| UI | RALLY_TIME_AVG | N/A | Element Expected: Always when available except in overall team match |
| | Attribute | M/O | Value |
| | Value | O | ss Average time (sec) per rally in the match. |
| UI | RALLY_STROKES_AVG | N/A | Element Expected: Always when available except in overall team match |
| | Attribute | M/O | Value |
| | Value | O | Numeric #0 Average strokes per rally in the match. |
| UI | SHUTTLES_USED | N/A | Element Expected: Always, at the end of the match except in overall team match |
| | Attribute | M/O | Value |
| | | | Description |

| Element: ExtendedInfos /ExtendedInfo (0,N) | | | | |
|--|------------------|--------------|----------------|--|
| | Type | Code | Pos | Description |
| | Value | O | Numeric ##0 | Number of shuttles used in the match. |
| UI | | CURRENT_GAME | N/A | Element Expected: Always when LIVE except in overall team match |
| | Attribute | M/O | Value | Description |
| | Value | O | SC @Period | Current Game |
| UI | | SERVE | N/A | Element Expected: When available when LIVE only for the double events |
| | Attribute | M/O | Value | Description |
| | Value | O | S(1) | Serve Indicator Send H for Home Team Send A Away Team |

Sample (singles)

```
<ExtendedInfos>
  <UnitDateTime StartDate="2012-07-31T13:07:00+01:00" />
  <ExtendedInfo Type="UI" Code="DURATION" Value="31" />
  <ExtendedInfo Type="UI" Code="RALLY_TIME_MAX" Value="33" />
  <ExtendedInfo Type="UI" Code="RALLY_STROKES_MAX" Value="26" />
  <ExtendedInfo Type="UI" Code="RALLY_TIME_AVG" Value="11" />
  <ExtendedInfo Type="UI" Code="RALLY_STROKES_AVG" Value="7" />
  <ExtendedInfo Type="UI" Code="SHUTTLES_USED" Value="11" />
  <ExtendedInfo Type="UI" Code="MATCH_STATUS" Value="E" />
</ExtendedInfos>
```

| Element: ExtendedInfos /SportDescription (0,1) | | | | |
|--|----------------|-----|-------------------------|---|
| Sport Descriptions in Text. | | | | |
| | Attribute | M/O | Value | Description |
| | DisciplineName | M | S(40) | Discipline name (not code) from Common Codes |
| | EventName | M | S(40) | Event name (not code) from Common Codes |
| | Gender | M | CC @DisciplineGender | Gender code for the event unit |
| | SubEventName | M | S(40) | EventUnit short name (not code) from Common Codes |
| | UnitNum | O | S(6) | Match number as appropriate |

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

| Element: Officials /Official (1,N) | | | |
|---|-----|------------------------------|---|
| Attribute | M/O | Value | Description |
| Code | M | S(20) with no leading zeroes | Official's code |
| Function | M | CC @ResultsFunction | Send according to the codes for: -Umpire -Service Judge |
| Order | M | Numeric 0 | Order of the Officials According to the sport rules |

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

Sample

```
<Officials>
  <Official Code="1138266" Function="JU" Order="1">
    <Description GivenName="Jane" FamilyName="Smith" Gender="F" Organisation="SUI" />
  </Official>
  <Official Code="1105079" Function="ED" Order="2">
    <Description GivenName="Ann" FamilyName="Jones" Gender="F" Organisation="ESP" />
  </Official>
</Officials>
```

| Element: Periods (0,1) | | | |
|------------------------|-----|------------------------------|--------------------|
| Attribute | M/O | Value | Description |
| Home | M | S(20) with no leading zeroes | Home Competitor ID |
| Away | M | S(20) with no leading zeroes | Away Competitor ID |

| Element: Periods /Period (1,N) Period in which the event unit message arrives. Only send for singles and doubles matches (not team match). | | | |
|--|-----|------------|--|
| Attribute | M/O | Value | Description |
| Code | M | SC @Period | Game number in case of singles and doubles matches. Do not send TOT. |
| HomeScore | M | Numeric #0 | Home competitor score up (number of games won) at the end of this game (@Code period). Cumulative games won by competitor with order 1 at the game (game number at the Period Code: G1..Gn) in the match. |
| AwayScore | M | Numeric #0 | Away competitor score up (number of games) at the end of this game (@Code period). Cumulative games won by competitor with order 2 at the game (game number at the Period Code: G1..Gn) in the match. |
| HomePeriodScore | O | Numeric #0 | Home competitor points just for this game (@Code period). Points won by competitor with order 1 just for this game (game number at the Period Code: G1..Gn) in the match |
| AwayPeriodScore | O | Numeric #0 | Away competitor points just for this game (@Code period). Points won by competitor with order 2 just for this game (game number at the Period Code: G1..Gn) in the match |
| Duration | O | mm | Duration (minutes) of the game (game number at the Period Code: G1..Gn) in the match |

| Element: Periods /Period /ExtendedPeriods /ExtendedPeriod (1,N) | | | | |
|---|-------------------|------------|-----------------------------|---|
| Type | Code | Pos | Description | |
| EP | RALLY_TIME_MAX | N/A | Element Expected: Always | |
| | Attribute | M/O | Value | Description |
| | Value | O | ss | Duration of longest rally. ss is seconds |
| EP | RALLY_STROKES_MAX | N/A | Element Expected: Always | |
| | Attribute | M/O | Value | Description |
| | Value | O | Numeric ##0 | Number of strokes in the longest rally. |

| Element: Periods /Period /ExtendedPeriods /ExtendedPeriod (1,N) | | | | |
|--|-------------------|--------------|---|--|
| Type | Code | Pos | Description | |
| EP | RALLY_TIME_AVG | N/A | Element Expected: Always | |
| | Attribute | M/O | Value | Description |
| | Value | O | ss | Duration of average rally. ss is seconds |
| EP | RALLY_STROKES_AVG | N/A | Element Expected: Always | |
| | Attribute | M/O | Value | Description |
| | Value | O | Numeric ##0 | Number of strokes in the average rally. |
| EP | SHUTTLES_USED | N/A | Element Expected: Always | |
| | Attribute | M/O | Value | Description |
| | Value | O | Numeric ##0 | Number of shuttles used. |
| EP | IRM | Numeric 0 | Pos Description: Indicator of the one who has produced the IRM. Send 1 or 2 for Home or Away competitor. Element Expected: Always | |
| | Attribute | M/O | Value | Description |
| | Value | O | SC @IRM | Invalid Result Mark for the particular period (CC @Period). |

Sample

```
<Periods Home="123456" Away="234567" >
  <Period Code="G1" HomeScore="1" AwayScore="0" HomePeriodScore="21" AwayPeriodScore="11"
  Duration="15">
    <ExtendedPeriods>
      <ExtendedPeriod Type="EP" Code="RALLY_TIME_MAX" Value="33" />
      <ExtendedPeriod Type="EP" Code="RALLY_STROKES_MAX" Value="26" />
      <ExtendedPeriod Type="EP" Code="RALLY_TIME_AVG" Value="11" />
      <ExtendedPeriod Type="EP" Code="RALLY_STROKES_AVG" Value="7" />
      <ExtendedPeriod Type="EP" Code="SHUTTLES_USED" Value="7" />
    </ExtendedPeriods>
  </Period>
  <Period Code="G2" HomeScore="2" AwayScore="0" HomePeriodScore="21" AwayPeriodScore="7"
  Duration="13">
    <ExtendedPeriods>
      <ExtendedPeriod Type="EP" Code="RALLY_TIME_MAX" Value="36" />
      <ExtendedPeriod Type="EP" Code="RALLY_STROKES_MAX" Value="34" />
      <ExtendedPeriod Type="EP" Code="RALLY_TIME_AVG" Value="11" />
      <ExtendedPeriod Type="EP" Code="RALLY_STROKES_AVG" Value="7" />
      <ExtendedPeriod Type="EP" Code="SHUTTLES_USED" Value="4" />
    </ExtendedPeriods>
  </Period>
</Periods>
```

Element: Result (1,N)

For each Event Unit Results message, there must be at least one competitor with a result element in the event unit.

| Attribute | M/O | Value | Description |
|----------------|-----|---------------|--|
| Result | O | Numeric #0 | Result for the particular event unit, i.e. the number of games won in the corresponding match. Send either in the case @ResultType is points or IRM with points or Matches won in the team match for Team events. |
| IRM | O | SC @IRM | Invalid Result Mark (or suspension) for the particular event unit, in case it is assigned. Send just in the case @ResultType is both IRM and Points for some period; the match will have finished |
| WLT | O | SC @WLT | The code whether a competitor won (W) or lost (L) the match. Only included (mandatory) at the end of the match/sub-match. |
| SortOrder | M | Numeric 0 | Used to sort all start list competitors in an event unit. Send 1 for Home and 2 for Away. |
| StartSortOrder | M | Numeric | Same @SortOrder |

| Element: Result (1,N) | | | |
|--|------------|----------------|--|
| For each Event Unit Results message, there must be at least one competitor with a result element in the event unit. | | | |
| Attribute | M/O | Value | Description |
| ResultType | O | SC @ResultType | Result type, either points or IRM with points for the corresponding match. Only included (mandatory) at the end of the match/sub-match. |

| Element: Result /ExtendedResults /ExtendedResult (1,N) | | | |
|---|--------------------|---|---|
| Only applicable in singles and doubles. | | | |
| Type | Code | Pos | Description |
| ER | GAME_PT_COUNT | SC @Period | Pos Description: Period Element Expected: If applicable |
| | Attribute | M/O | Value |
| | Value | O | Numeric #0 |
| | Description | Send the cumulative number of times that this competitor has held a game point in the game | |
| ER | MATCH_PT_COUNT | SC @Period | Pos Description: Period Element Expected: If applicable |
| | Attribute | M/O | Value |
| | Value | O | Numeric #0 |
| | Description | Send the cumulative number of times that this competitor has held a match point the current match | |
| ER | SERVE | N/A | Pos Description: N/A Element Expected: When LIVE in singles and doubles. |
| | Attribute | M/O | Value |
| | Value | O | S(1) |
| | Description | Serve Indicator Send 1 if this player (or first ordered player in doubles) has the serve next. Send 2 for second named (doubles) or do not send. | |

| Element: Result /ResultItems /ResultItem (1,N) | | | |
|--|------------|--------------|--|
| Only applicable in Team Matches | | | |
| ResultItem /Result will be for one particular subunit in the team match | | | |
| Attribute | M/O | Value | Description |
| Unit | M | CC @Unit | Full phase level RSC of the subunit. |
| Order | M | Numeric #0 | Logical order of the subunits, usually schedule order. |

| Element: Result /ResultItems /ResultItem /Result (1,1) | | | |
|---|------------|----------------|--|
| Attribute | M/O | Value | Description |
| ResultType | O | SC @ResultType | Type of the @Result attribute |
| Result | O | Numeric #0 | Games won in the sub-match |
| IRM | O | SC @IRM | Invalid result mark (if applicable). Only send it if ResultType is equal to IRM_POINTS |
| WLT | O | SC @WLT | Indicate if the competitor won (W) or lost (L) Only included (mandatory) at the end of the sub-match. |
| SortOrder | M | Numeric 0 | One for the first named competitor in the subunit, 2 for the second named competitor. |

| Element: Result /Competitor (1,1) | | | |
|--|------------|---|--|
| Competitor related to the result of one event unit. | | | |
| Attribute | M/O | Value | Description |
| Code | M | S(20) with no leading zeroes or TBD or NOCOMP | Competitor's ID (if known): -For Competitor @Type=T, it will be: Team's ID -Otherwise, Athlete's ID (for Competitor @Type=A) (for singles). Or, TBD (for To Be Determined) in case that the competitor is unknown at this time but will be available. NOCOMP is sent when there is no competitor (and will not come later). |
| Type | M | S(1) | T for team A for athlete |
| Organisation | O | CC @Organisation | Competitor's organisation |

| Element: Result /Competitor /Description (0,1) | | | |
|---|------------|--------------|---|
| Competitors extended information (for Team events, when competitor known). | | | |
| Attribute | M/O | Value | Description |
| TeamName | O | S(73) | Name of the team. Only applies for teams. |

| Element: Result /Competitor /EventUnitEntry (0,N) | | | | |
|--|------------------|------------|---|------------------------|
| For team event information | | | | |
| Type | Code | Pos | Description | |
| EUE | SEED | N/A | Element Expected: Always, as soon as this information is known and this team has a Seed Number | |
| | Attribute | M/O | Value | Description |
| | Value | O | Numeric ## | Seed Number (for team) |

Sample

```
<EventUnitEntry Type="EUE" Code="SEED" Value="4" />
```

| Element: Result /Competitor /StatsItems/StatItem (1,N) | | | | |
|---|------------------|------------|--|-----------------------------|
| Only application in singles and doubles matches. | | | | |
| Type | Code | Pos | Description | |
| ST | PTS_PLAYED | SC @Period | Pos Description: Send the Period, not "TOT" | |
| | | | Element Expected: When available | |
| | Attribute | M/O | Value | Description |
| | Value | O | Numeric #0 | Total Points Played |
| ST | PTS_WON | SC @Period | Pos Description: Send the Period, not "TOT" | |
| | | | Element Expected: When available | |
| | Attribute | M/O | Value | Description |
| | Value | O | Numeric #0 | Total Points Won |
| ST | PTS_CONSEC | SC @Period | Pos Description: Send the Period, not "TOT" | |
| | | | Element Expected: When available | |
| | Attribute | M/O | Value | Description |
| | Value | O | Numeric #0 | Most consecutive points won |

| Element: Result /Competitor /StatItems/StatItem (1,N) | | | | |
|--|------------------|------------|--|---|
| Only application in singles and doubles matches. | | | | |
| Type | Code | Pos | Description | |
| ST | PTS_MATCH | SC @Period | Pos Description: Send the Period, not "TOT" | |
| | | | Element Expected: When available | |
| | Attribute | M/O | Value | Description |
| | Value | O | Numeric #0 | Total match points |
| ST | PTS_GAME | SC @Period | Pos Description: Send the Period, not "TOT" | |
| | | | Element Expected: When available | |
| | Attribute | M/O | Value | Description |
| | Value | O | Numeric #0 | Total game points |
| ST | PTS_NOSERVICE | SC @Period | Pos Description: All periods played and "TOT" | |
| | | | Element Expected: When available | |
| | Attribute | M/O | Value | Description |
| | Value | O | Numeric #0 | Points scored without service for this period |
| ST | PTS_SERVICE | SC @Period | Pos Description: All periods played and "TOT" | |
| | | | Element Expected: When available | |
| | Attribute | M/O | Value | Description |
| | Value | O | Numeric #0 | Points scored with service for this period |
| ST | LEAD_MAX | SC @Period | Pos Description: All periods played and "TOT" | |
| | | | Element Expected: When available | |
| | Attribute | M/O | Value | Description |

| Element: Result /Competitor /StatsItems/StatItem (1,N) | | | | |
|---|------------------|---------------|------------------------|---|
| Only application in singles and doubles matches. | | | | |
| | Type | Code | Pos | Description |
| | Value | O | Numeric#0 or '-' | Biggest lead for this period .Send '-' when no value available. |
| ST | | CBACK_WIN_MAX | SC @Period | Pos Description: All periods played and "TOT" Element Expected: When available |
| | Attribute | M/O | Value | Description |
| | Value | O | Numeric#0 or '-' | Biggest comeback to win for this period.Send '-' when no value available |
| ST | | SERVE_FAULTS | SC @Period | Pos Description: All periods played and "TOT" Element Expected: When available |
| | Attribute | M/O | Value | Description |
| | Value | O | Numeric#0 | Service faults for this period |
| ST | | PTY | SC @Period | Pos Description: All periods played and "TOT" Element Expected: When available |
| | Attribute | M/O | Value | Description |
| | Value | O | String | Penalty cards and the result at penalty for this period (e.g.: a yellow card penalty during Game-1 when the result was 4-3, send "Y(4-3)" for @Pos=G1, or, two red cards penalty during Game-2, send "R(3-1) R(14-20)" for @Pos=G2) as in C73 ORIS. |
| ST | | CHALLENGE_WON | SC @Period | Pos Description: Send the Period, not "TOT" Element Expected: When available |
| | Attribute | M/O | Value | Description |
| | Value | O | Numeric #0 | Total successful challenges |

| Element: Result /Competitor /StatsItems/StatItem (1,N) Only application in singles and doubles matches. | | | | |
|--|----------------|------------|---|-------------------------------|
| Type | Code | Pos | Description | |
| ST | CHALLENGE_LOST | SC @Period | Pos Description: Send the Period, not "TOT" Element Expected: When available | |
| | Attribute | M/O | Value | Description |
| | Value | O | Numeric #0 | Total unsuccessful challenges |

Sample

```
<StatsItems>
  <StatItem Type="ST" Code="CBACK_WIN_MAX" Pos="G1" Value="1" />
  <StatItem Type="ST" Code="LEAD_MAX" Pos="G1" Value="10" />
  <StatItem Type="ST" Code="PTS_NOSERVICE" Pos="G1" Value="10" />
  <StatItem Type="ST" Code="PTS_SERVICE" Pos="G1" Value="11" />
  <StatItem Type="ST" Code="LEAD_MAX" Pos="G2" Value="14" />
  <StatItem Type="ST" Code="PTS_NOSERVICE" Pos="G2" Value="5" />
  <StatItem Type="ST" Code="PTS_SERVICE" Pos="G2" Value="16" />
  <StatItem Type="ST" Code="SERVE_FAULTS" Pos="G2" Value="2" />
  <StatItem Type="ST" Code="CBACK WIN MAX" Pos="TOT" Value="1" />
</StatsItems>
```

| Element: Result /Competitor /Composition /Athlete (1,N) | | | | |
|---|-----|------------------------------|---|--|
| Attribute | M/O | Value | Description | |
| Code | M | S(20) with no leading zeroes | Athlete's ID. Can belong to a team member or an individual athlete. | |
| Order | M | Numeric #0 | If Competitor @Type="T" then order attribute used to sort team members in a team. If Competitor @Type="A" then 1 | |

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

| Element: Result /Competitor /Composition /Athlete /EventUnitEntry (0,N) | | | | |
|---|-----------|-----|---|---------------------------|
| Individual athlete entry information. | | | | |
| Type | Code | Pos | Description | |
| EUE | SEED | N/A | Element Expected: Always, as soon as this information is known and this athlete has Seed Number. | |
| | Attribute | M/O | Value | Description |
| | Value | O | Numeric #0 | Seed Number (for athlete) |

Sample

```
<EventUnitEntry Type="EUE" Code="SEED" Value="5" />
```

| Element: Result /Competitor /Composition /Athlete /StatsItems/StatsItem (1,N) | | | | |
|---|------------|------------|---|---------------------|
| Type | Code | Pos | Description | |
| ST | PTS_PLAYED | SC @Period | Pos Description: Send the Period, not "TOT" Element Expected: When available | |
| | Attribute | M/O | Value | Description |
| | Value | O | Numeric #0 | Total Points Played |
| ST | PTS_WON | SC @Period | Pos Description: Send the Period, not "TOT" Element Expected: When available | |

| Element: Result /Competitor /Composition /Athlete /StatsItems/StatItem (1,N) | | | | |
|--|------------------|------------|---|---|
| Type | Code | Pos | Description | |
| | Attribute | M/O | Value | Description |
| | Value | O | Numeric #0 | Total Points Won |
| ST | PTS_CONSEC | SC @Period | Pos Description: Send the Period, not "TOT" Element Expected: When available | |
| | Attribute | M/O | Value | Description |
| | Value | O | Numeric #0 | Most consecutive points won |
| ST | PTS_MATCH | SC @Period | Pos Description: Send the Period, not "TOT" Element Expected: When available | |
| | Attribute | M/O | Value | Description |
| | Value | O | Numeric #0 | Total match points |
| ST | PTS_GAME | SC @Period | Pos Description: Send the Period, not "TOT" Element Expected: When available | |
| | Attribute | M/O | Value | Description |
| | Value | O | Numeric #0 | Total game points |
| ST | PTS_NOSERVICE | SC @Period | Pos Description: All periods played and "TOT" Element Expected: When available | |
| | Attribute | M/O | Value | Description |
| | Value | O | Numeric#0 | Points scored without service for this period |
| ST | PTS_SERVICE | SC @Period | Pos Description: All periods played and "TOT" Element Expected: When available | |

| Element: Result /Competitor /Composition /Athlete /StatsItems/StatItem (1,N) | | | | |
|--|------------------|------------|------------------------|--|
| Type | Code | Pos | Description | |
| | Attribute | M/O | Value | Description |
| | Value | O | Numeric#0 | Points scored with service for this period |
| ST | LEAD_MAX | SC @Period | | Pos Description: All periods played and "TOT" Element Expected: When available |
| | Attribute | M/O | Value | Description |
| | Value | O | Numeric#0 or '-' | Biggest lead for this period .Send '-' when no value available |
| ST | CBACK_WIN_MAX | SC @Period | | Pos Description: All periods played and "TOT" Element Expected: When available |
| | Attribute | M/O | Value | Description |
| | Value | O | Numeric#0 or '-' | Biggest comeback to win for this period.Send '-' when no value available |
| ST | SERVE_FAULTS | SC @Period | | Pos Description: All periods played and "TOT" Element Expected: When available |
| | Attribute | M/O | Value | Description |
| | Value | O | Numeric#0 | Service faults for this period |
| ST | PTY | SC @Period | | Pos Description: All periods played and "TOT" Element Expected: When available |
| | Attribute | M/O | Value | Description |
| | Value | O | String | Penalty cards and the result at penalty for this period (e.g.: a yellow card penalty during Game-1 when the result was 4-3, send "Y(4-3)" for @Pos=G1, or, two red cards penalty during Game-2, send "R(3-1)R(14-20)" for @Pos=G2) as in C73 ORIS. |

| Element: Result /Competitor /Composition /Athlete /StatsItems/StatItem (1,N) | | | | |
|--|------------------|------------|---|-------------------------------|
| Type | Code | Pos | Description | |
| ST | CHALLENGE_WON | SC @Period | Pos Description: Send the Period, not "TOT" Element Expected: When available | |
| | Attribute | M/O | Value | Description |
| | Value | O | Numeric #0 | Total successful challenges |
| ST | CHALLENGE_LOST | SC @Period | Pos Description: Send the Period, not "TOT" Element Expected: When available | |
| | Attribute | M/O | Value | Description |
| | Value | O | Numeric #0 | Total unsuccessful challenges |

2.2.4.5 Message Sort

Sort by Result @SortOrder

2.2.5 Play by Play

2.2.5.1 Description

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

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

2.2.5.2 Header Values

The following table describes the message header attributes.

| Attribute | Value | Comment |
|-----------------|----------------------------|---|
| CompetitionCode | CC @Competition | Unique ID for competition |
| DocumentCode | Full RSC | RSC of the unit |
| DocumentSubcode | Not used | Not used |
| DocumentType | DT_PLAY_BY_PLAY | Play by Play message |
| DocumentSubtype | S(8) | Send "ACTION" |
| Version | 1..V | Version number associated to the message's content. Ascendant number |
| ResultStatus | SC @ResultStatus | Status of the message. Possible values are: START_LIST (only used if there are actions before the start) LIVE (used during the competition when nothing else applies) INTERMEDIATE UNOFFICIAL OFFICIAL (when results official) |
| FeedFlag | "P"-Production "T"-Test | Test message or production message. |
| Date | Date | Date when the message is generated, expressed in the local time zone where the message was produced. |
| Time | Time | Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced. |

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

2.2.5.3 Trigger and Frequency

The message is sent after every change in score in the unit (not application in team overall).

2.2.5.4 Message Values

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

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

| Element: Actions (0,1) | | | |
|------------------------|-----|------------------------------|--------------------|
| Attribute | M/O | Value | Description |
| Home | M | S(20) with no leading zeroes | Home Competitor ID |
| Away | M | S(20) with no leading zeroes | Away Competitor ID |

| Element: Actions /Action (1,N) | | | |
|--------------------------------|-----|---------------|--|
| Attribute | M/O | Value | Description |
| Id | M | S(36) | Unique identifier for the action within the message |
| Period | M | SC @Period | Period of the action within the match |
| Order | M | Numeric | Unique sequential number for all of the actions from 1 to n. It is used to sort Action |
| Action | O | S(2) | Scoring indicator H or A for Home / Away In doubles follow H/A with 1 or 2 indicating player 1 or 2 (H1 etc.) where 1/2 indicates who is serving. |
| ScoreH | O | Numeric #0 | Home competitor score in the period. Only send if there is a score by the home competitor. |
| ScoreA | O | Numeric #0 | Away competitor score in the period. Only send if there is a score by the away competitor. |

Sample

```
<Actions Home="123456" Away="234567" >
  ....
  <UnitAction Id="1234561324" Period="G1" Order="3" ScoreH="2" Action="H" />
  <UnitAction Id="1234571325" Period="G1" Order="4" ScoreA="3" Action="A" />
  ....
</UnitActions>
```

2.2.5.5 Message Sort

Actions /Action @Order

2.2.6 Pool Standings

2.2.6.1 Description

The pool standings message contains the standings of a group in a competition. It is similar to the Phase Results message, except in the frequency and trigger. Here the message is triggered at the start of OVR operations and then after each event unit (game, match, etc.).

This report is sent independently for each of the groups / pools of the competition in a particular phase, and the group / pool can be determined from the message header (DocumentCode).

2.2.6.2 Header Values

The following table describes the message header attributes.

| Attribute | Value | Comment |
|-----------------|----------------------------|--|
| CompetitionCode | CC @Competition | Unique ID for competition |
| DocumentCode | Full RSC (for the group) | RSC for the pool/group |
| DocumentType | DT_POOL_STANDING | Pool Standings message |
| Version | 1..V | Version number associated to the message's content. Ascendant number |
| ResultStatus | SC @ResultStatus | Status of the message. Expected statuses are: INTERMEDIATE (before and during the phase) UNOFFICIAL (if last match is unofficial) OFFICIAL (after all matches official) |
| FeedFlag | "P"-Production "T"-Test | Test message or production message. |
| Date | Date | Date when the message is generated, expressed in the local time zone where the message was produced. |
| Time | Time | Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced. |

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

2.2.6.3 Trigger and Frequency

The general rule is that this message is sent:

- Before the start of the competition to build in the initial tables. The message has status INTERMEDIATE.
- When an event unit of the corresponding phase finishes (not waiting for official). The message has status INTERMEDIATE.
- When the phase finishes (there are no more event units/games to compete). The message has status OFFICIAL.

Trigger also after any change.

2.2.6.4 Message Values

| Element: ExtendedInfos /ExtendedInfo (0,N) | | | |
|--|------------------|------------|--|
| Type | Code | Pos | Description |
| UI | LAST_UNIT | N/A | Element Expected: After at least one unit is complete. |
| | Attribute | M/O | Value |
| | Value | O | CC @Unit |
| | | | Send the full RSC of the most recently unit made official for the pool included in this message. |
| UI | UNITS_TOTAL | N/A | Element Expected: Always |

| Element: ExtendedInfos /ExtendedInfo (0,N) | | | | |
|---|------------------|----------------|----------------|--|
| Type | | Code | Pos | Description |
| | Attribute | M/O | Value | Description |
| | Value | M | Numeric ##0 | Total number of units (matches) to be played in the pool included in the message. |
| UI | | UNITS_COMPLETE | N/A | Element Expected: Always |
| | Attribute | M/O | Value | Description |
| | Value | M | Numeric ##0 | Total number of units (matches) which are official in the pool included in this message. |

| Element: ExtendedInfos /SportDescription (0,1) | | | | |
|---|------------|--------------|--|--|
| Sport Descriptions in Text. | | | | |
| Attribute | M/O | Value | Description | |
| DisciplineName | M | S(40) | Discipline name (not code) from Common Codes | |
| EventName | M | S(40) | Event name (not code) from Common Codes | |

| Element: ExtendedInfos /VenueDescription (0,1) | | | | |
|--|------------|---------------|---|--|
| Venue Names in Text. Only included where the phase is contested at a single venue | | | | |
| Attribute | M/O | Value | Description | |
| Venue | M | CC @VenueCode | Venue Code | |
| VenueName | M | S(25) | Venue short name (not code) from Common Codes | |

| Element: Result (1,N) | | | |
|--|------------|--|--|
| For any message, there should be at least one competitor being awarded a result for the pool. | | | |
| Attribute | M/O | Value | Description |
| Rank | O | Text | Rank at the group. It is optional because the team can be disqualified |
| RankEqual | O | S(1) | Send "Y" if the Rank is equalled else do not send. |
| IRM | O | SC @IRM | IRM Send just in the case of an IRM |
| SortOrder | M | Numeric | This attribute is a sequential number with the order of the results for the group, if they were to be presented. It is mostly based on the rank, but it should be used to sort out disqualified teams. |
| Won | O | Numeric #0 | Number of matches won by the competitor in the group. Do not send if the team has not played. |
| Lost | O | Numeric #0 | Number of matches lost by the competitor in the group. Do not send if the team has not played. |
| Played | O | Numeric #0 | Number of matches played by the competitor in the group. Send 0 if played. |
| For | O | Numeric ###0 | Total number of points won. Do not send if the competitor has not played. |
| Against | O | Numeric ###0 | Total number of points lost. Do not send if the competitor has not played. |
| Diff | O | Numeric ##0 or -Numeric -##0 | Points difference, between points won and games lost. Do not send if the competitor has not played. |

| Element: Result /ExtendedResults /ExtendedResult (1,N) | | | |
|---|-------------------|---|---|
| Type | Code | Pos | Description |
| ER | QualificationMark | N/A | Element Expected: If available |
| Attribute | M/O | Value | Description |
| Value | O | SC @QualificationMark | Send only for the qualified competitor. |
| ER | GAMES | N/A | Element Expected: If available |
| Attribute | M/O | Value | Description |
| Value | O | N/A | N/A |
| Sub Element: Result /ExtendedResults /ExtendedResult /Extension Expected: If available | | | |
| Attribute | Value | Description | |
| Code | DIFF | | |
| Pos | N/A | N/A | |
| Value | Numeric +/-#0 | Difference of games won/lost. Do not send anything in case of IRM. | |
| Sub Element: Result /ExtendedResults /ExtendedResult /Extension Expected: If available | | | |
| Attribute | Value | Description | |
| Code | LOST | | |
| Pos | N/A | N/A | |
| Value | Numeric #0 | Number of Games lost. Do not send anything in case of IRM. | |
| Sub Element: Result /ExtendedResults /ExtendedResult /Extension Expected: If available | | | |
| Attribute | Value | Description | |
| Code | WON | | |
| Pos | N/A | N/A | |
| Value | Numeric #0 | Number of Games won. Do not send anything in case of IRM. | |

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

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

| Element: Result /Competitor /Composition /Athlete (1,N) | | | |
|--|------------|------------------------------|---|
| Only send composition if singles event. | | | |
| Attribute | M/O | Value | Description |
| Code | M | S(20) with no leading zeroes | Athlete's ID. Can belong to a team member or an individual athlete. |
| Order | M | Numeric 0 | Send 1 as only used for individual events. |

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

| Element: Result /Competitor /Opponent (0,N) | | | |
|---|------------------------------|------------------|--|
| Details of the opposing competitor in competitions within the pool. (The Opponent of the competitor in the Opponent @Pos column of the Pool) | | | |
| Type | Code | Pos | Description |
| T for team or A for athlete | S(20) with no leading zeroes | Numeric #0 | Code Description: Competitor ID or TBD if unknown Pos Description: 1 to n. Normally expected to be the same as SortOrder for the same competitor. Element Expected: Always |
| Attribute | M/O | Value | Description |
| Organisation | M | CC @Organisation | Competitors' organisation (code). Must include if the data is available |
| Date | M | Date | Date of match between the competitor and opponent (example: YYYY-MM-DD). Must include if the data is available, send even after the match is complete. |
| Time | O | S(5) | Time of match (example HH:MM) Must include if the data is available and allowed to display. |
| Unit | O | CC @Unit | Full RSC of the Unit for the Pool Item |
| HomeAway | O | S(1) | Home / Away indicator. Send H if the opponent is the home team, send A if the opponent is the away team. |
| Result | O | S(50) | Result of the match if match is complete and formatted as in ORIS (separator & order). Must include if the data is available and the match is complete. The order of the result data is relative to the competitor and may be reversed for other competitor or depending on home/away display rules. |

| Element: Result /Competitor /Opponent /Description (0,1) | | | |
|---|------------|--------------|---------------------------------------|
| Competitors extended information. | | | |
| Attribute | M/O | Value | Description |
| TeamName | M | S(73) | Name of the opposition team if a team |

| Element: Result /Competitor /Opponent /Composition /Athlete (1,N) | | | |
|--|------------|------------------------------|---|
| Only send composition if singles event. | | | |
| Attribute | M/O | Value | Description |
| Code | M | S(20) with no leading zeroes | Athlete's ID. Can belong to a team member or an individual athlete. |
| Order | M | Numeric 0 | Send 1 as only used for individual events. |

| Element: Result /Competitor /Opponent /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

```
<Result Rank="1" SortOrder="1" Played="3" Won="3" Lost="0" For="128" Against="80" Diff="48">
  <Competitor Code="BDMMTEAM-----KOR01" Type="T" Organisation="KOR" >
    <Description TeamName="Korea" >
      <ExtendedResults>
        <ExtendedResult Type="ER" Code="GAMES">
          <Extension Code="WON" Value="6" />
          <Extension Code="LOST" Value="0" />
          <Extension Code="DIFF" Value="6" />
        </ExtendedResult>
      </ExtendedResults>
    </Description>
  </Competitor>
</Result>
```

2.2.6.5 Message Sort

The attribute used to sort the results is Result @SortOrder.

2.2.7 Brackets

2.2.7.1 Description

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

2.2.7.2 Header Values

The following table describes the message header attributes.

| Attribute | Value | Comment |
|-----------------|----------------------------|---|
| CompetitionCode | CC @Competition | Unique ID for competition |
| DocumentCode | Full RSC (event level) | Full RSC of the Event |
| DocumentType | DT_BRACKETS | Brackets message |
| Version | 1..V | Version number associated to the message's content. Ascendant number |
| ResultStatus | SC @ResultStatus | Status of the message. Expected statuses are: INTERMEDIATE (during the competition) UNOFFICIAL (when last match unofficial) OFFICIAL (when all matches official) |
| FeedFlag | "P"-Production "T"-Test | Test message or production message. |
| Date | Date | Date when the message is generated, expressed in the local time zone where the message was produced. |
| Time | Time | Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced. |

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

2.2.7.3 Trigger and Frequency

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

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

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

- Send with ResultStatus = 'INTERMEDIATE' until the last event unit (Gold Medal Match) is Unofficial (i.e. for all event units up until the Gold Medal match is completed for an event)
- Send with ResultStatus = 'UNOFFICIAL' when the last event unit for an event (Gold Medal match) has Unofficial status.
- Send with ResultStatus = 'OFFICIAL' when the last event unit for an event (Gold Medal match) has Official status.

Trigger also after any change.

2.2.7.4 Message Values

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

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

| Element: Bracket (1,N) | | | |
|-------------------------------|------------|--------------|--|
| Attribute | M/O | Value | Description |
| Code | M | SC @Bracket | Bracket code to identify a bracket item. One for each individual bracket Note for example Gold and Bronze are different brackets. |

| Element: Bracket /BracketItems (1,N) | | | |
|---|------------|------------------|---|
| Attribute | M/O | Value | Description |
| Code | M | SC @BracketItems | Bracket code to identify a set of bracket items. The quarterfinals, semifinals or finals phases etc. |

| Element: Bracket /BracketItems /BracketItem (1,N) | | | |
|---|-----|----------|---|
| Attribute | M/O | Value | Description |
| Code | M | S(5) | Bracket code to identify a bracket item. It will be the Match number (event code + number of match) for each bracket item, (e.g.: for Men's Singles events: MS110, MS112..., MS116 in R16, ..., MS141..., MS144 in QFL, etc.). |
| Order | M | Numeric | Sequential number inside of BracketItems to indicate the order, always start at 1. |
| Date | O | Date | YYYY-MM-DD. Must be filled if known |
| Time | O | S(5) | HH:MM. Must be filled if known |
| Unit | O | CC @Unit | Full RSC of the unit for the BracketItem |
| Result | O | S(50) | Result of the match if match is complete and formatted as in ORIS (example 21-15, 21-16 54'). Must include if the data is available and the match is complete. |
| NextUnit | O | CC @Unit | Full RSC of the unit where the successful competitor will progress |
| NextUnitLoser | O | CC @Unit | Full RSC of the unit where the unsuccessful competitor will progress |

| Element: Bracket /BracketItems /BracketItem /ExtBracketItems /ExtBracketItem (1,N) | | | |
|--|------------------|------------|---|
| Type | Code | Pos | Description |
| EBI | Location | N/A | Element Expected: Send it always when available. |
| | Attribute | M/O | Value |
| | Value | O | CC @Location |
| | | | Description |
| | | | Location Code |

Element: Bracket /BracketItems /BracketItem /CompetitorPlace (1,N)
 - If the competitors are known, this element is used to place the competitors in the bracket.
 - If they are not yet known, it contains some information (on the rule to access to this bracket...)

| Attribute | M/O | Value | Description |
|-----------|-----|--|--|
| Pos | M | Numeric 0 | This attribute is a sequential number to place the competitors in the bracket (1 or 2). |
| Code | O | SC @CompetitorPlace or SC @IRM | Code for the first competitor of the BracketItem, usually to indicate the rule to access to the bracket item and appearing as first competitor. When there is no competitor send BYE or when not known yet send TBD or if an Invalid Result Mark (for example, DSQ). Send as appropriate. |
| WLT | O | SC @WLT | W or L, indicates the winner or loser of the bracket item. Always send when known. |
| Result | O | S(10) | The result (score) of the competitor in the event unit |
| IRM | O | SC @IRM | The invalid rank mark, send DQB if applicable |

Element: Bracket /BracketItems /BracketItem /CompetitorPlace /PreviousUnit (0,1)
 Previous event unit related to the CompetitorPlace@Pos competitor of the current bracket item. It is always informed except for the bracket items whose CompetitorPlace@Pos competitor do not have preceding event units in the bracket graph unless coming from a pool.

| Attribute | M/O | Value | Description |
|-----------|-----|------------------------|--|
| Unit | O | Full RSC at unit level | Full RSC code of the previous event unit for the CompetitorPlace@Pos competitor of the bracket item. Must send if a winner/loser from a single unit. Not sent when from a pool. |
| WLT | O | SC @WLT | If the competitor in the current unit is unknown and coming from an earlier bracketitem then fill this field with the W or L indication winner or loser of the previous unit if the information is known. Do not send if competitor comes from a pool. |

Element: Bracket /BracketItems /BracketItem /CompetitorPlace /Competitor (0,1)
CompetitorPlace @Pos competitor related to the bracket item. Only include if the competitor is known .

| Attribute | M/O | Value | Description |
|--------------|-----|------------------------------|---|
| Code | M | S(20) with no leading zeroes | Competitor's ID |
| Type | M | S(1) | T for team or A for athlete |
| Seed | O | Numeric #0 | The seed of the competitor or equivalent information Always when it exits |
| Organisation | O | CC @Organisation | Competitors' organisation if known |

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

| Attribute | M/O | Value | Description |
|-----------|-----|-------|---|
| TeamName | M | S(73) | Name of the team. Only applies for teams/doubles (Organisation) |

Element: Bracket /BracketItems /BracketItem /CompetitorPlace /Competitor /Composition /Athlete (1,N)

| Attribute | M/O | Value | Description |
|-----------|-----|------------------------------|---|
| Code | M | S(20) with no leading zeroes | Athlete's ID, corresponding to either a team member or an individual athlete |
| Order | M | Numeric | Order attribute used to sort team members in a team (if Competitor @Type="T") or 1 if Competitor @Type="A". |

Element: Bracket /BracketItems /BracketItem /CompetitorPlace /Competitor /Composition /Athlete /Description (1,1)

| Attribute | M/O | Value | Description |
|--------------|-----|------------------|---|
| GivenName | O | S(25) | Given name in WNPA format (mixed case) |
| FamilyName | M | S(25) | Family name in WNPA format (mixed case) |
| Gender | M | 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: Bracket /BracketItems /BracketItem /CompetitorPlace /Competitor /Composition /Athlete /ExtBracketAths /ExtBracketAth (1,N)

CompetitorPlace @Pos team member's or individual athlete's extended bracket information, depending on whether Competitor @Type="T" or Competitor @Type="A" according to competitors' rules.

| Type | Code | Pos | Description |
|------------------|------------|--------------|---|
| EBA | IRM | N/A | Element Expected: Just when DQB is available |
| Attribute | M/O | Value | Description |
| Value | O | SC @IRM | Invalid Result Mark DQB for the particular event unit (individual bout); in the case the DQB is assigned. Send IRM DQB if known before competition. |

Sample

```
<BracketItem Code="MS122" Order="1" Result="21-15, 21-16 54" Unit="BDMMSINGLES-----
QFNL000100--" NextUnit=" BDMMSINGLES-----SFNL000100--">
  <CompetitorPlace Pos="1">
    <Competitor Code="1126413" Type="A" Organisation="ESP" >
      <Composition>
        <Athlete Code="1126413" Order="1" >
          <Description GivenName="John" FamilyName="Smith" Gender="M" Organisation="ESP"
BirthDate="1994-12-15" />
        </Athlete>
      </Composition>
    </Competitor>
  </CompetitorPlace>
  <CompetitorPlace Pos="2">
    <Competitor Code="1093294" Type="A" Organisation="SUI" >
      <Composition>
        <Athlete Code="1093294" Order="1" >
          <Description GivenName="John" FamilyName="Black" Gender="M" Organisation="SUI"
BirthDate="1992-12-13" />
        </Athlete>
      </Composition>
    </Competitor>
  </CompetitorPlace>
</BracketItem>
```

2.2.7.5 Message Sort

Bracket @Code then BracketItems @Code then BracketItems /BracketItem /Unit @Unit are sorted according to their scheduled start time.

2.2.8 Statistics

2.2.8.1 Description

The Statistics message contains a list of statistics for a competitor (could be an individual athlete or a team), that applies at a DocumentCode level, which could be for an event unit, a phase or an event.

There will be a separate message (identified by the header's DocumentSubtype and DocumentSubcode) for every table where multiple statistics apply.

2.2.8.2 Header Values

The following table describes the message header attributes.

| Attribute | Value | Comment |
|-----------------|----------------------------|--|
| CompetitionCode | CC @Competition | Unique ID for competition |
| DocumentCode | Full RSC | Depending on the statistics is could be at any level though is always full RSC. |
| DocumentSubcode | Not used | N/A |
| DocumentType | DT_STATS | Statistics message |
| DocumentSubtype | S(20) | <ul style="list-style-type: none"> ANALYSIS: For the cumulative data of match analysis for both the Singles and Doubles statistics, for all the competitors who have reached the Semi-final or the Final phase. Send the DocumentCode at Eventunit level and only for the Semi-final and Final (Gold and Bronze medal match) phases. TOU: Tournament statistics, at event level. Send the DocumentCode at event level. CUM: Penalties statistics per player (although participating in Singles or Doubles), at discipline level. Send the DocumentCode at discipline level. |
| Version | 1..V | Version number associated to the message's content. Ascendant number |
| ResultStatus | SC @ResultStatus | It indicates whether the result is official or intermediate etc). LIVE (used during the competition when nothing else applies) INTERMEDIATE (used after the competition has started and is not finished but not currently live, typically between units) OFFICIAL (after the last unit which effects the statistics is official) |
| FeedFlag | "P"-Production "T"-Test | Test message or production message. |
| Date | Date | Date when the message is generated, expressed in the local time zone where the message was produced. |
| Time | Time | Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced. |

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

2.2.8.3 Trigger and Frequency

- For Cumulative Match analysis statistics (ANALYSIS):
 - Message sent the evening before any day of competition where the day contains Semifinal or Final (Gold/Silver or Bronze) matches.
- For Tournament statistics (TOU):
 - Message sent after the last match in each phase for all events completed and made official.
- For Penalty statistics (CUM):
 - After each match.

2.2.8.4 Message Values

| Element: ExtendedInfos /ExtendedInfo (0,N) | | | | |
|--|------------------|------------|---|---|
| Type | Code | Pos | Description | |
| UI | LAST_UNIT | N/A | Element Expected: After at least one unit is complete. | |
| | Attribute | M/O | Value | Description |
| | Value | O | CC @Unit | Send the RSC of the most recently unit made official. |
| UI | UNITS_TOTAL | N/A | Element Expected: Always | |
| | Attribute | M/O | Value | Description |
| | Value | M | Numeric ##0 | The total number of units (games) to be played. |
| UI | UNITS_COMPLETE | N/A | Element Expected: Always | |

| Element: ExtendedInfos /ExtendedInfo (0,N) | | | | |
|--|------|----------------|---|--|
| Type | Code | Pos | Description | |
| Attribute | M/O | Value | Description | |
| Value | M | Numeric ##0 | The total number of units (games) which are official. | |

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

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

| Element: Stats (1,1) | | | |
|----------------------|-----|----------------|--|
| Attribute | M/O | Value | Description |
| Code | M | SC @Statistics | A code to identify the statistics being listed |

| Element: Stats /StatsItems /StatsItem (1,N) Statistics for the event unit / phase or event - depending on the DocumentCode. | | | | |
|--|-------------|-----------|---|------------------------------------|
| Type | Code | Pos | Description | |
| ST | MATCHES_NUM | CC @Phase | Pos Description: Phase Number (for each phase and according to events, Singles or Doubles, and the Total), (e.g.: from 5 to 0 for Singles events (from Group play stage to the total), and for 5, 3 to 0 for Doubles events (from Group play stage -except R16- to the total)) Element Expected: Always for the complete rounds, in the case of TOU statistics. | |
| | | | Attribute | M/O |
| | Value | O | Numeric ##0 | Number of matches for this Round |
| ST | GAMES_NUM | CC @Phase | Pos Description: Phase Number (for each phase and according to events, Singles or Doubles, and the Total), (e.g.: from 5 to 0 for Singles events (from Group play stage to the total), and for 5, 3 to 0 for Doubles events (from Group play stage -except R16- to the total)) Element Expected: Always for the complete rounds, in the case of TOU statistics. | |
| | | | Attribute | M/O |
| | Value | O | Numeric ##0 | Number of games for this Round |
| ST | PTS_NUM | CC @Phase | Pos Description: Phase Number (for each phase and according to events, Singles or Doubles, and the Total), (e.g.: from 5 to 0 for Singles events (from Group play stage to the total), and for 5, 3 to 0 for Doubles events (from Group play stage -except R16- to the total)) Element Expected: Always for the complete rounds, in the case of TOU statistics. | |
| | | | Attribute | M/O |
| | Value | O | Numeric ####0 | Total points scored for this Round |

| Element: Stats /StatsItems /StatsItem (1,N) | | | |
|--|---|--------------|---|
| Statistics for the event unit / phase or event - depending on the DocumentCode. | | | |
| Type | Code | Pos | Description |
| ST | DURATION | CC @Phase | Pos Description: Round Number (for each phase and according to events, and the Total). Element Expected: Always for the complete rounds, in the case of TOU statistics. |
| | Attribute | M/O | Value |
| | Value | O | h:mm |
| | Description | | |
| | Total duration time (hours) for this Round | | |
| | Sub Element: Stats /StatsItems /StatsItem /ExtendedStat | | |
| | Expected: Always for the complete rounds, in the case of TOU statistics. | | |
| | Attribute | Value | Description |
| | Code | AVG | |
| | Pos | N/A | N/A |
| | Value | mm | Average match duration (minutes) for this Round (@Pos round number). mm is minutes |
| ST | DURATION_MAX | CC @Phase | Pos Description: Phase Number (for each phase and according to events, Singles or Doubles, and the Total), (e.g.: from 5 to 0 for Singles events (from Group play stage to the total), and for 5, 3 to 0 for Doubles events (from Group play stage -except R16- to the total)) Element Expected: Always for the complete rounds, in the case of TOU statistics. |
| | Attribute | M/O | Value |
| | Value | O | mm |
| | Description | | |
| | Longest match duration (minutes) for this Round | | |
| | Sub Element: Stats /StatsItems /StatsItem /ExtendedStat | | |
| | Expected: Always for the complete rounds, in the case of TOU statistics. | | |
| | Attribute | Value | Description |
| | Code | UNIT_NUM | |
| | Pos | N/A | N/A |
| | Value | S(5) | Match Number (as event code + number of the match) corresponding to longest match duration, (e.g.: "WS326" for Women's Singles Match 326, "MS138" for Men's Singles Match 138). |

| Element: Stats /StatsItems /StatsItem (1,N) | | | |
|--|------------------|--------------|---|
| Statistics for the event unit / phase or event - depending on the DocumentCode. | | | |
| Type | Code | Pos | Description |
| ST | DURATION_MIN | CC @Phase | <p>Pos Description: Phase Number (for each phase and according to events, Singles or Doubles, and the Total), (e.g.: from 5 to 0 for Singles events (from Group play stage to the total), and for 5, 3 to 0 for Doubles events (from Group play stage -except R16- to the total))</p> <p>Element Expected: Always for the complete rounds, in the case of TOU statistics.</p> |
| | Attribute | M/O | Value |
| | Value | O | mm |
| | | | Shortest match duration (minutes) for this Round |
| Sub Element: Stats /StatsItems /StatsItem /ExtendedStat | | | |
| Expected: Always for the complete rounds, in the case of TOU statistics. | | | |
| | Attribute | Value | Description |
| | Code | UNIT_NUM | |
| | Pos | N/A | N/A |
| | Value | S(5) | Match Number (as event code + number of the match) corresponding to shortest match duration (e.g.: "WS326" for Women's Singles Match 326, "MS138" for Men's Singles Match 138). |

| Element: Stats /StatsItems /StatsItem (1,N) | | | |
|--|-----------------|---|---|
| Statistics for the event unit / phase or event - depending on the DocumentCode. | | | |
| Type | Code | Pos | Description |
| ST | SHUTTLES_USED | CC @Phase | <p>Pos Description: Phase Number (for each phase and according to events, Singles or Doubles, and the Total), (e.g.: from 5 to 0 for Singles events (from Group play stage to the total), and for 5, 3 to 0 for Doubles events (from Group play stage -except R16- to the total))</p> <p>Element Expected: Always for the complete rounds, in the case of TOU statistics.</p> |
| Attribute | M/O | Value | Description |
| Value | O | Numeric ##0 | Total shuttles used for this Round |
| Sub Element: Stats /StatsItems /StatsItem /ExtendedStat | | | |
| Expected: Always for the complete rounds, in the case of TOU statistics. | | | |
| Attribute | Value | Description | |
| Code | AVG | | |
| Pos | N/A | N/A | |
| Value | Numeric #0.0 | Average number of shuttles used per match for this Round (@Pos round number). | |

| Element: Stats /StatsItems /StatsItem (1,N) Statistics for the event unit / phase or event - depending on the DocumentCode. | | | | |
|--|------------------|------------|---|---|
| Type | Code | Pos | Description | |
| ST | YC | CC @Phase | Pos Description: Phase Number (for each phase and according to events, Singles or Doubles, and the Total), (e.g.: from 5 to 0 for Singles events (from Group play stage to the total), and for 5, 3 to 0 for Doubles events (from Group play stage -except R16- to the total)) Element Expected: Always for the complete rounds, in the case of TOU statistics. | |
| | Attribute | M/O | Value | Description |
| | Value | O | Numeric 0 | Number of yellow penalty cards for this Round |
| ST | RC | CC @Phase | Pos Description: Phase Number (for each phase and according to events, Singles or Doubles, and the Total), (e.g.: from 5 to 0 for Singles events (from Group play stage to the total), and for 5, 3 to 0 for Doubles events (from Group play stage -except R16- to the total)) Element Expected: Always for the complete rounds, in the case of TOU statistics. | |
| | Attribute | M/O | Value | Description |
| | Value | O | Numeric 0 | Number of red penalty cards for this Round |
| ST | BC | CC @Phase | Pos Description: Phase Number (for each phase and according to events, Singles or Doubles, and the Total), (e.g.: from 5 to 0 for Singles events (from Group play stage to the total), and for 5, 3 to 0 for Doubles events (from Group play stage -except R16- to the total)) Element Expected: Always for the complete rounds, in the case of TOU statistics. | |
| | Attribute | M/O | Value | Description |
| | Value | O | Numeric 0 | Number of black penalty cards for this Round |

| Element: Stats /StatsItems /StatsItem (1,N) Statistics for the event unit / phase or event - depending on the DocumentCode. | | | | |
|--|-------------------|------------|---|---|
| Type | Code | Pos | Description | |
| ST | IRS | CC @Phase | Pos Description: Phase Number (for each phase and according to events, Singles or Doubles, and the Total), (e.g.: from 5 to 0 for Singles events (from Group play stage to the total), and for 5, 3 to 0 for Doubles events (from Group play stage -except R16- to the total)) Element Expected: Always for the complete rounds, in the case of TOU statistics. | |
| | Attribute | M/O | Value | Description |
| | Value | O | Numeric ##0 | Number of Instant Review System. |
| ST | RALLY_TIME_MAX | CC @Phase | Pos Description: Phase Number (for each phase and according to events, Singles or Doubles, and the Total), (e.g.: from 5 to 0 for Singles events (from Group play stage to the total), and for 5, 3 to 0 for Doubles events (from Group play stage -except R16- to the total)) Element Expected: Always for the complete rounds, in the case of TOU statistics. | |
| | Attribute | M/O | Value | Description |
| | Value | O | sss | Longest rally (seconds) for this Round |
| ST | RALLY_STROKES_MAX | CC @Phase | Pos Description: Phase Number (for each phase and according to events, Singles or Doubles, and the Total), (e.g.: from 5 to 0 for Singles events (from Group play stage to the total), and for 5, 3 to 0 for Doubles events (from Group play stage -except R16- to the total)) Element Expected: Always for the complete rounds, in the case of TOU statistics. | |
| | Attribute | M/O | Value | Description |
| | Value | O | Numeric ##0 | Highest number of strokes in the longest rally for this Round |

Sample

```
<Stats Code="TOU">
  <StatsItems>
    <StatsItem Type="ST" Code="MATCHES_NUM" Pos="5" Value="32" />
    <StatsItem Type="ST" Code="GAMES_NUM" Pos="5" Value="71" />
    <StatsItem Type="ST" Code="PTS_NUM" Pos="5" Value="2399" />
    <StatsItem Type="ST" Code="DURATION" Pos="5" Value="20:12" >
      <ExtendedStat Code="AVG" Value="40" />
    </StatsItem>
    <StatsItem Type="ST" Code="DURATION_MAX" Pos="5" Value="77">
      <ExtendedStat Code="UNIT_NUM" Value="MS116" />
    </StatsItem>
    <StatsItem Type="ST" Code="DURATION_MIN" Pos="5" Value="22">
      <ExtendedStat Code="UNIT_NUM" Value="MS120" />
    </StatsItem>
    <StatsItem Type="ST" Code="SHUTTLES_USED" Pos="5" Value="528" >
      <ExtendedStat Code="AVG" Value="16.5" />
    </StatsItem>
    <StatsItem Type="ST" Code="YC" Pos="5" Value="0" />
    <StatsItem Type="ST" Code="RC" Pos="5" Value="0" />
    <StatsItem Type="ST" Code="BC" Pos="5" Value="0" />
    <StatsItem Type="ST" Code="RALLY_TIME_MAX" Pos="5" Value="60" />
    <StatsItem Type="ST" Code="RALLY_STROKES_MAX" Pos="5" Value="51" />
    <StatsItem Type="ST" Code="MATCHES_NUM" Pos="4" Value="8" />
  </StatsItems>
</Stats Code="TOU">
```

Element: Stats /Competitor (0,N)
Competitor of the statistics.

| Attribute | M/O | Value | Description |
|--------------|-----|------------------------------|---|
| Code | M | S(20) with no leading zeroes | Competitor's ID to be assigned a specific type of statistic. The competitor should be participating in the event / phase / event unit depending on the DocumentCode in the message's header. |
| Type | M | S(1) | T for team A for athlete |
| Order | M | Numeric ##0 | Order of the competitor in the statistics |
| Organisation | O | CC @Organisation | Competitor's organisation if known |

Element: Stats /Competitor /Description (0,1)

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

| Element: Stats /Competitor /StatsItems /StatsItem (1,N) | | | |
|--|----------------|--|---|
| Team competitor's stats item, according to competitors' rules. | | | |
| Type | Code | Pos | Description |
| ANALYSIS | GAMES | N/A | Element Expected: Always, in the case of ANALYSIS statistics |
| Attribute | M/O | Value | Description |
| Value | O | N/A | N/A |
| Sub Element: Stats /Competitor /StatsItems /StatsItem /ExtendedStat | | | |
| Expected: Always, in the case of ANALYSIS statistics | | | |
| Attribute | Value | Description | |
| Code | LOST | | |
| Pos | N/A | N/A | |
| Value | Numeric #0 | Send the number of games against (lost) | |
| Sub Element: Stats /Competitor /StatsItems /StatsItem /ExtendedStat | | | |
| Expected: Always, in the case of ANALYSIS statistics | | | |
| Attribute | Value | Description | |
| Code | WON | | |
| Pos | N/A | N/A | |
| Value | Numeric #0 | Send the number of games for (won) | |
| ANALYSIS | PTS | N/A | Element Expected: Always, in the case of ANALYSIS statistics |
| Attribute | M/O | Value | Description |
| Value | O | N/A | N/A |
| Sub Element: Stats /Competitor /StatsItems /StatsItem /ExtendedStat | | | |
| Expected: Always, in the case of ANALYSIS statistics | | | |
| Attribute | Value | Description | |
| Code | LOST | | |
| Pos | N/A | N/A | |
| Value | Numeric ##0 | Send the total number of points conceded (when lost) | |
| Sub Element: Stats /Competitor /StatsItems /StatsItem /ExtendedStat | | | |
| Expected: Always, in the case of ANALYSIS statistics | | | |
| Attribute | Value | Description | |
| Code | WON | | |
| Pos | N/A | N/A | |

| Element: Stats /Competitor /StatsItems /StatsItem (1,N) | | | |
|--|---------------------------------------|--|--|
| Team competitor's stats item, according to competitors' rules. | | | |
| Type | Code | Pos | Description |
| Value | Numeric ##0 | | Send the total number of points won |
| PTY | YC (Yellow) RC (Red) BC (Black) | Numeric | Pos Description: Sequential number to differentiate when this card is imposed more than once in the same match. Element Expected: Always, if the information is available in the case of CUM statistics |
| Attribute | M/O | Value | Description |
| Value | O | CC @RSC | RSC of the Event Unit, in the match where the disciplinary penalty is imposed. |
| Sub Element: Stats /Competitor /StatsItems /StatsItem /ExtendedStat | | | |
| Expected: Always, if the information is available in the case of CUM statistics | | | |
| Attribute | Value | Description | |
| Code | OFFENCE | | |
| Pos | N/A | N/A | |
| Value | SC @Offence | Related offence to the penalty. | |
| Sub Element: Stats /Competitor /StatsItems /StatsItem /ExtendedStat | | | |
| Expected: Always, if the information is available in the case of CUM statistics | | | |
| Attribute | Value | Description | |
| Code | SCORE | | |
| Pos | N/A | N/A | |
| Value | String | Score at offence (e.g.: an offence is produced at game-2, send the result at this time: "21-19, 7-7") | |
| Sub Element: Stats /Competitor /StatsItems /StatsItem /ExtendedStat | | | |
| Expected: Always, if the information is available in the case of CUM statistics | | | |
| Attribute | Value | Description | |
| Code | TIME | | |
| Pos | N/A | N/A | |
| Value | Time | The time of penalty. | |
| Sub Element: Stats /Competitor /StatsItems /StatsItem /ExtendedStat | | | |
| Expected: Always, if the information is available in the case of CUM statistics | | | |
| Attribute | Value | Description | |
| Code | UNIT_NUM | | |

| Element: Stats /Competitor /StatsItems /StatsItem (1,N) | | | |
|--|------|-----|------------------|
| Team competitor's stats item, according to competitors' rules. | | | |
| Type | Code | Pos | Description |
| Pos | N/A | N/A | |
| Value | S(5) | | The match number |

Sample (ANALYSIS)

```
<StatsItems>
  <StatsItem Type="ANALYSIS" Code="GAMES">
    <ExtendedStat Code="WON" Value="8" />
    <ExtendedStat Code="LOST" Value="1" />
  </StatsItem>
  <StatsItem Type="ANALYSIS" Code="PTS">
    <ExtendedStat Code="WON" Value="184" />
    <ExtendedStat Code="LOST" Value="114" />
  </StatsItem>
</StatsItems>
```

Sample (CUM)

```
<StatsItems>
  <StatsItem Type="PTY" Code="YC" Pos="1" Value="BDX002A01">
    <ExtendedStat Code="UNIT_NUM" Value="XD123" />
    <ExtendedStat Code="TIME" Value="17:26" />
    <ExtendedStat Code="OFFENCE" Value="OF1" />
    <ExtendedStat Code="SCORE" Value="13-21,4-9" />
  </StatsItem>
</StatsItems>
```

| Element: Stats /Competitor /Composition /Athlete (1,N) | | | |
|--|-----|------------------------------|---|
| Attribute | M/O | Value | Description |
| Code | M | S(20) with no leading zeroes | Athlete's ID, corresponding to either a team member or an individual athlete |
| Order | M | Numeric #0 | Order attribute used to sort team members in a team (if Competitor @Type="T") or 1 if Competitor @Type="A". |

| Element: Stats /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 |

| Element: Stats /Competitor /Composition /Athlete /StatsItems /StatsItem (1,N) | | | |
|---|---------------|---|---|
| Team member's or individual athlete's stats item, depending on whether Competitor @Type="T" or Competitor @Type="A" according to competitors' rules. | | | |
| Type | Code | Pos | Description |
| ANALYSIS | GAMES | N/A | Element Expected: Always, in the case of ANALYSIS statistics |
| Attribute | M/O | Value | Description |
| Value | O | N/A | N/A |
| Sub Element: Stats /Competitor /Composition /Athlete /StatsItems /StatsItem /ExtendedStat Expected: Always, in the case of ANALYSIS statistics | | | |
| Attribute | Value | Description | |
| Code | LOST | | |
| Pos | N/A | N/A | |
| Value | Numeric #0 | Send the number of games against (lost) | |
| Sub Element: Stats /Competitor /Composition /Athlete /StatsItems /StatsItem /ExtendedStat Expected: Always, in the case of ANALYSIS statistics | | | |
| Attribute | Value | Description | |
| Code | WON | | |
| Pos | N/A | N/A | |
| Value | Numeric #0 | Send the number of games for (won) | |

| Element: Stats /Competitor /Composition /Athlete /StatsItems /StatsItem (1,N) | | | |
|--|---------------------------------------|----------------|--|
| Team member's or individual athlete's stats item, depending on whether Competitor @Type="T" or Competitor @Type="A" according to competitors' rules. | | | |
| Type | Code | Pos | Description |
| ANALYSIS | PTS | N/A | Element Expected: Always, in the case of ANALYSIS statistics |
| | Attribute | M/O | Value |
| | Value | O | N/A |
| Sub Element: Stats /Competitor /Composition /Athlete /StatsItems /StatsItem /ExtendedStat Expected: Always, in the case of ANALYSIS statistics | | | |
| | Attribute | Value | Description |
| | Code | LOST | |
| | Pos | N/A | N/A |
| | Value | Numeric ##0 | Send the total number of points conceded (when lost) |
| Sub Element: Stats /Competitor /Composition /Athlete /StatsItems /StatsItem /ExtendedStat Expected: Always, in the case of ANALYSIS statistics | | | |
| | Attribute | Value | Description |
| | Code | WON | |
| | Pos | N/A | N/A |
| | Value | Numeric ##0 | Send the total number of points won |
| PTY | YC (Yellow) RC (Red) BC (Black) | Numeric 0 | Pos Description: Sequential number to differentiate when this card is imposed more than once in the same match. Element Expected: Always, if the information is available in the case of CUM statistics |
| | Attribute | M/O | Value |
| | Value | O | CC @RSC |
| | | | RSC of the Event Unit, in the match where the disciplinary penalty is imposed. |
| Sub Element: Stats /Competitor /Composition /Athlete /StatsItems /StatsItem /ExtendedStat Expected: Always, if the information is available in the case of CUM statistics | | | |
| | Attribute | Value | Description |
| | Code | OFFENCE | |
| | Pos | N/A | N/A |
| | Value | SC @Offence | Related offence to the penalty. |

| Element: Stats /Competitor /Composition /Athlete /StatsItems /StatsItem (1,N) | | | |
|--|----------|--|-------------|
| Team member's or individual athlete's stats item, depending on whether Competitor @Type="T" or Competitor @Type="A" according to competitors' rules. | | | |
| Type | Code | Pos | Description |
| Sub Element: Stats /Competitor /Composition /Athlete /StatsItems /StatsItem /ExtendedStat | | | |
| Expected: Always, if the information is available in the case of CUM statistics | | | |
| Attribute | Value | Description | |
| Code | SCORE | | |
| Pos | N/A | N/A | |
| Value | String | Score at offence (e.g.: an offence is produced at game-2, send the result at this time: "21-19, 7-7") | |
| Sub Element: Stats /Competitor /Composition /Athlete /StatsItems /StatsItem /ExtendedStat | | | |
| Expected: Always, if the information is available in the case of CUM statistics | | | |
| Attribute | Value | Description | |
| Code | TIME | | |
| Pos | N/A | N/A | |
| Value | Time | The time of penalty. | |
| Sub Element: Stats /Competitor /Composition /Athlete /StatsItems /StatsItem /ExtendedStat | | | |
| Expected: Always, if the information is available in the case of CUM statistics | | | |
| Attribute | Value | Description | |
| Code | UNIT_NUM | | |
| Pos | N/A | N/A | |
| Value | S(5) | The match number | |

2.2.8.5 Message Sort

Sort according to the @Order attributes.

2.2.9 Event Final Ranking

2.2.9.1 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.

2.2.9.2 Header Values

The following table describes the message header attributes.

| Attribute | Value | Comment |
|-----------------|----------------------------|---|
| CompetitionCode | CC @Competition | Unique ID for competition |
| DocumentCode | Full RSC of the Event | Full (34) RSC of the event |
| DocumentType | DT_RANKING | Event Final ranking message |
| Version | 1..V | Version number associated to the message's content. Ascendant number |
| ResultStatus | SC @ResultStatus | Result status, indicates whether the data is official or partial. OFFICIAL PARTIAL |
| 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. |

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

2.2.9.3 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.

- After the event is finished (OFFICIAL)
- After any final ranking is known (PARTIAL)

2.2.9.4 Message Values

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

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

| Element: Result (1,N) | | | |
|---|------------|---------------|---|
| For any event final ranking message, there should be at least one competitor being awarded a result for the event. | | | |
| Attribute | M/O | Value | Description |
| Rank | O | Text | Rank of the competitor in the result. It is optional because the team can be disqualified |
| RankEqual | O | S(1) | Send "Y" if the Rank is equalled else do not send. |
| IRM | O | SC @IRM | Send just if the competitor has been disqualified |
| SortOrder | M | Numeric #0 | Unique sort order for all results based on rank to break rank ties. This attribute is a sequential number with the order of the competitors at the end of the event, if they were to be presented. It is mostly based on the rank, but it should be used to sort out disqualified competitors. |

| Element: Result /Competitor (1,1) | | | |
|--|------------|---|---|
| Attribute | M/O | Value | Description |
| Code | M | S(20) with no leading zeroes, organisation ID | Competitor's ID. If organisation, the value will be NOC ID. "NOCOMP" in the case where there is no competitor in the rank due to IRM. |
| Type | M | S(1) | A for athlete T for team |
| Organisation | O | CC @Organisation | Organisation of the competitor |

| Element: Result /Competitor /Description (0,1) | | | |
|---|------------|--------------|--|
| Attribute | M/O | Value | Description |
| TeamName | M | S(73) | Name of the team. Only applies for teams |

| Element: Result /Competitor /Composition /Athlete (1,N) | | | |
|--|------------|------------------------------|--|
| Attribute | M/O | Value | Description |
| Code | M | S(20) with no leading zeroes | Athlete's ID, corresponding to an individual athlete or a team member. Team members should be participating in the event. |
| Order | M | Numeric | Order attribute used to sort team members in a team (if Competitor @Type="T") or 1 if Competitor @Type="A". |

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

| Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult (1,N) | | | | |
|--|-----------|-----|--|--|
| Team member's extended result (only for Team events) | | | | |
| Type | Code | Pos | Description | |
| ER | IRM | N/A | Element Expected: As soon as this information is available and only for individuals in a team if applicable | |
| | Attribute | M/O | Value | Description |
| | Value | M | SC @IRM | Send invalid result mark, in case it is assigned to a team member. |

Sample

```
<Result Rank="1" SortOrder="1" >
  <Competitor Code="1078935" Type="A" Organisation="ESP" >
    <Composition>
      <Athlete Code="1102342" Order="1">
        <Description GivenName="John" FamilyName="Black" Gender="M" Organisation="ESP"
        BirthDate="1994-12-15" />
      </Athlete>
    </Composition>
  </Competitor>
</Result>
<Result Rank="2" SortOrder="2" >
  <Competitor Code="1126413" Type="A" Organisation="USA" >
    <Composition>
      <Athlete Code="1102342" Order="1">
        <Description GivenName="Pat" FamilyName="Smith" Gender="M" Organisation="USA"
        BirthDate="1992-12-15" />
      </Athlete>
    </Composition>
  </Competitor>
</Result>
```



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2.2.9.5 Message Sort

Sort by Result @SortOrder

2.2.10 Configuration

2.2.10.1 Description

The Configuration is a message containing general configuration.

Ideally the configuration should be provided before competition.

2.2.10.2 Header Values

The following table describes the message header attributes.

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

2.2.10.3 Trigger and Frequency

- Send for all events, one message per event. Send as soon at the bracket size is known (regardless of the competition starts with pools or not).

2.2.10.4 Message Values

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

| Element: Configs /Config /ExtendedConfig (1,N) | | | |
|--|---------------------------------|------------|--|
| Type | Code | Pos | Description |
| EC | BRACKET_SIZE (send by event) | N/A | Element Expected: When available |
| | Attribute | M/O | Value |
| | Value | M | SC @BracketItems |
| | | | Send the code for the first bracket phase of the event |

Sample

```
....
<Config Unit="BDMMSINGLES-----" >
  <ExtendedConfig Type="EC" Code="BRACKET_SIZE" Value="R64" />
</Config>
```

2.2.10.5 Message Sort

There is no general message sorting rule.

3 Document Control

| Version history | | |
|-----------------|------------------|--------------------------|
| Version | Date | Comments |
| v1.0 | 23 November 2016 | First version |
| V1.1 | 9 January 2017 | Updated with corrections |
| V1.2 | 2 March 2017 | Updated |
| V1.3 | 24 March 2017 | Updated |
| V1.4 | 21 May 2017 | Updated to correct error |

File Reference: ODF R-SOG-2020-BDM V1.4 APP

| Change Log | | |
|------------|--------|--|
| Version | Status | Changes in version |
| v1.0 | SFR | First Version |
| V1.1 | SFA | Remove references to Bib throughout (copy/paste error) DT_SCHEDULE: Corrected type at Competition /Unit /StartList /Start /Competitor DT_PARTIC: Removed the status attribute (was included in error) DT_RESULT: Updated description of UnitNum DT_PLAY_BY_PLAY: Corrected typo in the sample DT_PLAY_BY_PLAY: Clarified that 1/2 in Action indicates serving player, not winning player. |
| V1.2 | APP | DT_RESULT: Remove StartListMod from header. DT_POOL_STANDING: Remove DocumentSubtype from the Header |
| V1.3 | APP | DT_RESULT: Corrected Stats to StatsItems |
| v1.4 | APP | DT_RESULT: Correct error in the use of duration in ExtendedInfos. Should be an attribute. |