

OLYMPIC DATA FEED

ODF Fencing 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 Fencing Data Dictionary. This Data Dictionary refines the messages described in the ODF General Messages Interface Document specifically for fencing.

1.2 Objective

The objective of this document is to provide a complete and formal definition of the ODF Fencing Data Dictionary, with the intention that the information message producer and the message consumer can successfully interchange the information as the fencing 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 Youth Olympic Games

This document is to be applied for the 2018 Youth Olympic Games. All included concepts are applied except where noted:

- DT_PARTIC
 - SEED is not applicable
- DT_PARTIC_TEAMS
 - QUAL_TYPE is not applicable
 - RANK_WLD is not applicable
 - SEED is not applicable

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 fencing.

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

Message Type	Message Name	Message extended
DT_SCHEDULE / DT_SCHEDULE_UPDATE	Competition schedule / Competition schedule update	X
DT_PARTIC / DT_PARTIC_UPDATE	List of participants by discipline / List of participants by discipline update	X
DT_PARTIC_TEAMS / DT_PARTIC_TEAMS_UPDATE	List of teams / 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_RANKING	Event Final Ranking	X
DT_COMMUNICATION	Official Communication	

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.

For reference the applicable unit types (from common codes) are:

HATH Individual Head to Head units (e.g. ARC, BDM, TEN etc)

HCOUP Pairs/Couples Head to Head units (e.g. BDM, TEN etc)

HNOC NOC Head to Head units (e.g. ARC)

HTEAM Teams Head to Head units (e.g. BKB, VBV, HOC etc)

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 only sent if a particular event order is expected. Start with 1 each new session each day

- End users should 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 this attribute.

It has to be understood that if one DT_SCHEDULE message arrives, then all previous DT_SCHEDULE_UPDATE messages should be discarded.

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 at 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.

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.

2.2.1.3 Trigger and Frequency

The competition schedule will be sent as a bulk message (DocumentType='DT_SCHEDULE') 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.

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

Element: Competition /Session (0,N)			
Attribute	M/O	Value	Description
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 /Unit (0,N)			
Attribute	M/O	Value	Description
Code	M	Full RSC for the unit	
PhaseType	M	Phase type for the unit	
UnitNum	O	S(6)	Match / Game / Bout / Race Number or similar
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) Where HideStartDate='Y' then this should be filled with the session start time or the start time of a group of units for all similar units and Order used for sorting. 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>
Order	O	Numeric ###0	<p>Order of the units when displayed. This field is considered in two situations:</p> <ol style="list-style-type: none"> 1. If HideStartDate = 'Y' then send at least for all Units in an affected session though it is suggested to be sent for all units in a discipline where the concept is used in the discipline. 2. If some units start at the same time and a particular order of the units is expected. <p>It is generally recommended to start at 1 in each session each day though may be ordered independently by location starting at 1 for each location in each session (where the schedule is ordered by location) or using other numbers to ensure the order of two using starting at the same time are displayed in the appropriate order.</p>

Element: Competition /Unit (0,N)			
Attribute	M/O	Value	Description
Medal	O	SC @UnitMedalType	Gold medal event unit or bronze medal event unit. Do not send if not a medal event unit
Venue	M	CC @VenueCode	VVenue where the unit takes place Use TBD if the Venue is not known yet (CC).
Location	M	CC @Location	Location where the unit takes place Use TBD if the Location is not known yet (CC) or a generic code for the discipline.
SessionCode	O	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. For example ATH02 for the second session in Athletics.
ModificationIndicator	O	N, U	Attribute is mandatory in the DT_SCHEDULE_UPDATE message only 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. If ModificationIndicator="U", then update the event unit.

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)	Text to be displayed in the case that StartDate is not to be displayed (e.g. "After M.1" or "Followed by") Using a code set or fixed text will also be directly displayed and allow end user translation.

Element: Competition /Unit /ItemName (1,N)			
Attribute	M/O	Value	Description
Language	M	CC @Language	Code Language of the @Value
Value	M	S(40)	Item Name / Unit Description. For competition units show the short unit description from common codes which matches the RSC.

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)			
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	T,A	T for team 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
IFId	O	S(16)	Team IF number, send if available

Element: Competition /Unit /StartList /Start /Competitor /Composition /Athlete (1,N)			
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.
Class	O	CC @SportClass	Code to identify the sport class in the case of events with athletes with a disability (e.g: Paralympic Games). This attribute is optional because it is not used in events without such athletes.

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.

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

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

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

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

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

2.2.2.2 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 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.

Attribute	Value	Comment
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.

2.2.2.3 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)
PrintName	M	S(35)	Print name (family name in upper case + given name in mixed case)

Element: Participant (1,N)			
Attribute	M/O	Value	Description
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
LocalFamilyName	O	S(25)	Family name in the local language in the appropriate case for the local language (usually mixed case) Not for use in Rio 2016
LocalGivenName	O	S(25)	Given name in the local language in the appropriate case for the local language (usually mixed case). Not for use in Rio 2016
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	It is the discipline code used to fill the OdfBody @DocumentCode attribute.
IFId	O	S(16)	FIE identification (IF number)

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. (only expected in team events)
Class	O	CC @SportClass	<p>Code to identify the handicap class in the case of events with handicapped athletes (e.g: paralympic games).</p> <p>This attribute is optional because is not used in other type of events without para athletes but mandatory for para athletes.</p> <p>Send only in the Case of Current="true".</p>

Element: Participant /Discipline /RegisteredEvent /EventEntry (0,N)			
Type	Code	Pos	Description
ENTRY	HAND	N/A	Element Expected: Always, as soon as this information is known (it can be sent in both messages)
	Attribute	M/O	Value
	Value	M	SC @Hand
ENTRY	LICENCE	N/A	Element Expected: Always, as soon as this information is known and this athlete has FIE license number or not (this information can be sent in both messages).
	Attribute	M/O	Value
	Value	O	S(16)
ENTRY	QUAL_TYPE	N/A	Element Expected: Always, as soon as this information is known (it can be sent in both messages). For Individual and Team events.
	Attribute	M/O	Value
	Value	M	SC @QualifyingType
ENTRY	RANK_WLD	N/A	Element Expected: Always, as soon as this information is known and this athlete has ranking or not (this information can be sent in both messages). Only for Individual events.
	Attribute	M/O	Value
	Value	M	S(3)
ENTRY	SEED	N/A	Element Expected: Always, as soon as this information is known and this athlete has Seed Number (this information only will be sent in the update message). Only for Individual events.
	Attribute	M/O	Value
	Value	M	Numeric ##

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



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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.

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 Char(1)
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)			
Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Athlete's ID of the listed team's member.
Order	O	Numeric	Team member order

Element: Team /TeamOfficials /Official (1,N)			
Send if there are specific officials for the team. Does not apply to historical teams.			
Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Official's ID of the listed team's official. Therefore, he/she makes up part of the team's officials.
Function	M	CC @ResultsFunction	Official's function for the team
Order	O	Numeric #0	Official's order in the team.

Element: Team /Discipline (0,1)			
Discipline is expected unless ModificationIndicator="D"			
Attribute	M/O	Value	Description
Code	M	CC @Discipline	Full RSC of the discipline

Element: 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)				
Send if there are specific team's event entries.				
Type	Code	Pos	Description	
ENTRY	QUAL_TYPE	N/A	Element Expected: Always, as soon as this information is known (it can be sent in both messages)	
	Attribute	M/O	Value	Description
	Value	M	SC @QualifyingType	Qualification type
ENTRY	RANK_WLD	N/A	Element Expected: Always, as soon as this information is known and the team has ranking or not (this information can be sent in both messages)	
	Attribute	M/O	Value	Description
	Value	M	S(3)	World Ranking
ENTRY	SEED	N/A	Element Expected: Always, as soon as this information is known and this team has Seed Number (this information only will be sent in the update message)	
	Attribute	M/O	Value	Description
	Value	M	Numeric ##	Seed Number

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	
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 (during extended breaks) OFFICIAL UNOFFICIAL
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 information is available and for any change to this information.

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

- At the start of the competition (LIVE)
- With every change in any data (LIVE)
- In case of Toss please send the message as soon the Priority winner is know

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

The message is sent as 'INTERMEDIATE' during extended breaks.

Trigger also after any change.

2.2.4.4 Message Values

Element: ExtendedInfos /UnitDateTime (0,1)			
Attribute	M/O	Value	Description
StartDate	M	DateTime	Actual start date-time. Do not include until unit starts.
Duration	O	mm:ss	Total duration of the encounter (Bout Time or Total Match Time according to the events of Individual or Team respectively).

Element: ExtendedInfos /ExtendedInfo (0,N)				
Type	Code	Pos	Description	
DISPLAY	LAST_COMP	CC @Period (Indiv) Numeric 0 (Teams)	Pos Description: In individual events send the current period (round) code. In team events send the current bout number (@COMP in ExtendedInfos) Element Expected: Send the last athlete who make a touch with every LIVE update (Different @Pos depending on event type) Only in the LIVE messages.	
UI	Attribute	M/O	Value	Description
	Value	M	S(20)	Send the competitor ID of the last athlete to make a touch Send '0' for both athletes scoring in the same time.
UI	COMP		Numeric #	Pos Description: Sequential number to indicate the bout number between each member of one team against each from the other one. Element Expected: Always, when this information is available (just for Team events)
	Attribute	M/O	Value	Description
	Value	O	String	Type of match (F-Sabre, M- Épée etc) Only applicable in YOG.
Sub Element: ExtendedInfos /ExtendedInfo /Extension				
Expected: Always, when this information is available (just for Team events)				
	Attribute	Value	Description	
	Code	A		
	Pos	N/A	N/A	
	Value	S(20) with no leading zeroes	Athlete's ID (to identify an athlete) that competes in this bout as a member from the team A.	
Sub Element: ExtendedInfos /ExtendedInfo /Extension				
Expected: Always, when this information is available (just for Team events)				
	Attribute	Value	Description	
	Code	B		
	Pos	N/A	N/A	
	Value	S(20) with no leading zeroes	Athlete's ID (to identify an athlete) that competes in this bout as a member from the team B.	

Element: ExtendedInfos /ExtendedInfo (0,N)				
Type	Code	Pos	Description	
UI	DURATION_IND	Numeric #	Pos Description: Sequential number to indicate the bout number between each member of one team against each from the other one. Therefore, there will be nine bouts among both teams.	
	Element Expected: Only for the team event, at the end of each bout from the team match			
	Attribute	M/O	Value	Description
	Value	M	mm:ss	Duration of the Bout (within the match, for team events), including any overtime.
UI	DURATION_OVERTIME	N/A	Element Expected: Always, at the end of the individual bout / team match	
	Element Expected: Always, at the end of the individual bout / team match			
	Attribute	M/O	Value	Description
	Value	M	mm:ss	Overtime's duration of the encounter (Bout Overtime or Match Overtime, according to the events of Individual or Team respectively).
UI	DURATION_NORMAL	N/A	Element Expected: Always, at the end of the individual bout / team match	
	Element Expected: Always, at the end of the individual bout / team match			
	Attribute	M/O	Value	Description
	Value	M	mm:ss	Duration of the encounter (Bout Time or Total Match Time according to the events of Individual or Team respectively), not including any overtime.
UI	OVERTIME	N/A	Element Expected: If overtime is required in the unit For both events: individual and team.	
	Element Expected: If overtime is required in the unit For both events: individual and team.			
	Attribute	M/O	Value	Description
	Value	M	S(1)	Send Y only if the encounter goes to Overtime.
UI	TOSS	N/A	Element Expected: As soon as the Priority competitor is known.	
	Element Expected: As soon as the Priority competitor is known.			
	Attribute	M/O	Value	Description
	Value	M	S(1) (A, B)	The Victory by Toss indicator before the overtime period, in the case of a tie after the competition periods. Send 'A' or 'B' if the preferred winner is the first or the second athlete.

Element: ExtendedInfos /ExtendedInfo (0,N)				
Type	Code	Pos	Description	
UI	WINNER_ID	N/A	Element Expected: Always, at the end of the individual bout / team match	
	Attribute	M/O	Value	Description
	Value	M	S(20) with no leading zeroes	Athlete's ID / Team's ID, to identify an athlete or team, winner of the encounter (individual bout or team match) respectively.

Sample (Individual)

```
<ExtendedInfos>
  <UnitDateTime StartDate="2012-07-28T19:10:00+01:00" Duration="31:59" />
  <ExtendedInfo Type="UI" Code="DURATION_OVERTIME" Value="00:01" />
  <ExtendedInfo Type="UI" Code="OVERTIME" Value="Y"/>
  <ExtendedInfo Type="UI" Code="DURATION_NORMAL" Value="31:58" />
  <ExtendedInfo Type="UI" Code="WINNER_ID" Value="1092084" />
  <ExtendedInfo Type="UI" Code="WINNER_ID" Value="1092084" />
</ExtendedInfos>
```

Sample (Team)

```
....
<ExtendedInfos>
  <UnitDateTime StartDate="2012-08-02T18:00:00+01:00" Duration="66:24" />
  <ExtendedInfo Type="UI" Code="COMP" Pos="1">
    <Extension Code="A" Value="1071386" />
    <Extension Code="B" Value="1099401" />
  </ExtendedInfo>
  <ExtendedInfo Type="UI" Code="COMP" Pos="2">
    <Extension Code="A" Value="1071388" />
    <Extension Code="B" Value="1099405" />
  </ExtendedInfo>
  ....
  <ExtendedInfo Type="UI" Code="COMP" Pos="9">
    <Extension Code="A" Value="1071388" />
    <Extension Code="B" Value="1099401" />
  </ExtendedInfo>
  <ExtendedInfo Type="UI" Code="DURATION_NORMAL" Value="66:24" />
  <ExtendedInfo Type="UI" Code="WINNER_ID" Value="FEW401ITA01" />
  <ExtendedInfo Type="UI" Code="DURATION_IND" Pos="1" Value="11:36" />
  <ExtendedInfo Type="UI" Code="DURATION_IND" Pos="2" Value="04:17" />
  ....
  <ExtendedInfo Type="UI" Code="DURATION_IND" Pos="9" Value="08:35" />
</ExtendedInfos>
```

Element: ExtendedInfos /SportDescription (0,1)			
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)	Bout number / match number

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	<p>Official's function (example: referee, etc.). Can be different from the function sent in the DT_PARTIC message.</p> <p>Send according to the codes for:</p> <ul style="list-style-type: none"> - Referee - Video Referee - Assistant Referee <p>(2 or 3 referees, 1 video referee and 2 assistants are expected in Team events, and 1 referee, 1 video referee and 2 assistants for Individual events)</p>
Order	M	Numeric	Official's order as required in the sport

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
IFId	O	S(16)	International Federation ID

Element: Periods (0,1)			
For Individual events only			
Attribute	M/O	Value	Description
Home	O	S(20) with no leading zeroes	Home Competitor ID A competitor
Away	O	S(20) with no leading zeroes	Away Competitor ID B competitor

Element: Periods /Period (1,N)			
Only for the individual events and expected only for the current and previous periods.			
Attribute	M/O	Value	Description
Code	M	SC @Period	Period code Period code, usually there are 3 periods and optionally an overtime.
HomeScore	M	Numeric #0	Overall score of the home (A) competitor at the end of the period or during if current (e.g.: 4 at the end of Period-1 ('1st Period'), 11 at the end of Period-2 ('2nd Period'), ...)
AwayScore	M	Numeric #0	Overall score of the away (B) competitor at the end of the period or during if current (e.g.: 4 at the end of Period-1 ('1st Period'), 9 at the end of Period-2 ('2nd Period'), ...)
HomePeriodScore	O	Numeric #0 or '-'	Score of the home (A) competitor only for this period After the bout is unofficial, if a round has not been contested then send '-'
AwayPeriodScore	O	Numeric #0 or '-'	Score of the away(B) competitor only for this period After the bout is unofficial, if a round has not been contested then send '-'

Element: Periods /Period /ExtendedPeriods /ExtendedPeriod (1,N)				
Type	Code	Pos	Description	
EP	LAST_TOUCH	N/A	Element Expected: Individual events. Always, after each touch.	
	Attribute	M/O	Value	Description
	Value	M	S(1) (A or B)	Last Touch Indicator for this period when it is the last finished within the bout. Send 'A' or 'B' if the last touch is scored by A or B competitor. Sent for each period in Individual events. Send '0' for both athletes scoring in the same time.

Sample

```

<Periods>
  <Period Code="P1" HomeScore="8" AwayScore="5" HomePeriodScore="8" AwayPeriodScore="5" />
    <ExtendedPeriods>
      <ExtendedPeriod Type="EP" Code="LAST_TOUCH" Value="A" />
    </ExtendedPeriods>
  <Period Code="P2" HomeScore="11" AwayScore="11" HomePeriodScore="3" AwayPeriodScore="6" />
    <ExtendedPeriods>
      <ExtendedPeriod Type="EP" Code="LAST_TOUCH" Value="B" />
    </ExtendedPeriods>
  <Period Code="P3" HomeScore="15" AwayScore="13" HomePeriodScore="4" AwayPeriodScore="2" />
    <ExtendedPeriods>
      <ExtendedPeriod Type="EP" Code="LAST_TOUCH" Value="B" />
    </ExtendedPeriods>
  <Period Code="OT" HomeScore="15" AwayScore="13" HomePeriodScore="-" AwayPeriodScore="-" />
    <ExtendedPeriods>
      <ExtendedPeriod Type="EP" Code="LAST_TOUCH" Value="A" />
    </ExtendedPeriods>

```

Element: Result (1,N)			
Attribute	M/O	Value	Description
Result	O	Numeric #0	Result for the particular event unit, i.e. the final score in the corresponding bout / match (in Individual / Team events respectively). Send in the case @ResultType is Points or IRM with points.
IRM	O	SC @IRM	The invalid rank mark, if applicable. IRM of the competitor for the particular event unit. Send IRM if known before competition.
WLT	O	SC @WLT	The code whether a competitor won (W) [Victory] or lost (L) [Defeat] the bout/match. Only will be informed (it is mandatory) at the end of the bout / match (in Individual / Team events respectively).
SortOrder	M	Numeric	Sort order now either start list at start or results order at end. Send 1 for A competitor and 2 for B competitor
StartOrder	M	Numeric	Send 1 for A competitor and 2 for B competitor for both Individual and Team events.
StartSortOrder	M	Numeric	Same @StartOrder
ResultType	O	SC @ResultType	Result type, either points or IRM with points for the corresponding individual bout / team match (see codes section). Only will be informed (mandatory) at the end of the bout / match (in Individual / Team events respectively).

Element: Result /ExtendedResults /ExtendedResult (1,N)			
Type	Code	Pos	Description
ER	BOUT	Numeric #	Pos Description: Sequential number to indicate the bout number between each member of one team against each from the other one. Therefore, there will be nine bouts among both teams. Element Expected: Always, at the end of each bout within the match
Sub Element: Result /ExtendedResults /ExtendedResult /Extension Expected: Always, after each scored point.			
Attribute	Value	Description	
Code	TEAM_SCORE		
Pos	N/A	N/A	
Value	Numeric #0	Team's cumulative score after each scored point (at match level). (for the team in the match).	

Element: Result /ExtendedResults /ExtendedResult (1,N)				
Type	Code	Pos	Description	
ER	BC_NUM	S(10)	Pos: Send COMPETITOR or COACH as applicable Element Expected: Always after the unit starts	
	Attribute	M/O	Value	Description
	Value	M	Numeric 0	Warnings - Number of black cards.
ER	RC_NUM	S(10)	Pos: Send COMPETITOR or COACH as applicable Element Expected: Always after the unit starts	
	Attribute	M/O	Value	Description
	Value	M	Numeric 0	Warnings - Number of red cards.
ER	YC_NUM	S(10)	Pos: Send COMPETITOR or COACH as applicable Element Expected: Always after the unit starts	
	Attribute	M/O	Value	Description
	Value	M	Numeric 0	Warnings - Number of yellow cards

Sample (Team)

```

<Result ResultType="POINTS" Result="45" SortOrder="1" WLT="W" StartOrder="1" StartSortOrder="1">
  <ExtendedResults>
    <ExtendedResult Type="ER" Code="BOUT" Pos="1">
      <Extensions>
        <Extension Code="TEAM_SCORE" Value="5" />
      </Extensions>
    </ExtendedResult>
    <ExtendedResult Type="ER" Code="BOUT" Pos="2">
      <Extensions>
        <Extension Code="TEAM_SCORE" Value="10" />
      </Extensions>
    </ExtendedResult>
    ....
    <ExtendedResult Type="ER" Code="BOUT" Pos="9">
      <Extensions>
        <Extension Code="TEAM_SCORE" Value="45" />
      </Extensions>
    </ExtendedResult>
    <ExtendedResult Type="ER" Code="YC_NUM" Pos="COMPETITOR" Value="2" />
    <ExtendedResult Type="ER" Code="RC_NUM" Pos="COMPETITOR" Value="0" />
    <ExtendedResult Type="ER" Code="BC_NUM" Pos="COMPETITOR" Value="0" />
    <ExtendedResult Type="ER" Code="YC_NUM" Pos="COACH" Value="2" />
    <ExtendedResult Type="ER" Code="RC_NUM" Pos="COACH" Value="0" />
    <ExtendedResult Type="ER" Code="BC_NUM" Pos="COACH" Value="0" />
  </ExtendedResults>

```

Element: Result /Competitor (1,1)			
Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes or TBD	Competitor's ID or TBD in case that the competitor is unknown at this time but will be available
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.			
Attribute	M/O	Value	Description
TeamName	O	S(73)	Name of the team. Only applies for teams.
IFId	O	S(16)	International Federation ID of the team

Element: Result /Competitor /EventUnitEntry (0,N)			
For team event information (only for Team events)			
Type	Code	Pos	Description
EUE	COLOUR	N/A	Element Expected: As soon as it is known
	Attribute	M/O	Value
	Value	O	SC @Colour Team colour
EUE	SEED	N/A	Element Expected: Team Event. Always, as soon as this information is known and this team has Seed Number.
	Attribute	M/O	Value
	Value	M	Numeric ## Seed Number (for team)

Element: Result /Competitor /Composition /Athlete (1,N)			
Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Athlete's ID.
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)			
Athletes extended information.			
Attribute	M/O	Value	Description
GivenName	O	S(25)	Given name in WNPA format (mixed case)
FamilyName	M	S(25)	Family name in WNPA format (mixed case)
Gender	M	CC @PersonGender	Gender of the athlete
Organisation	M	CC @Organisation	Athletes' organisation
BirthDate	O	Date	Birth date (example: YYYY-MM-DD). Must include if the data is available
IFId	O	S(16)	International Federation ID
Class	O	CC @SportClass	Code to identify the sport class in the case of events with athletes with a disability (e.g: Paralympic Games). This attribute is optional because it is not used in events without such athletes but is mandatory where applicable.

Element: Result /Competitor /Composition /Athlete /EventUnitEntry (0,N)			
Result /Competitor /Composition /Athlete /EventUnitEntry (for all events -Individual and Team- in the case of Team events, team members' detailed information when apply).			
Type	Code	Pos	Description
EUE	SEED	N/A	Element Expected: Always, as soon as this information is known and this athlete has Seed Number (just for Individual events).
	Attribute	M/O	Value
	Value	M	Numeric ##
EUE	SEQ_NUMBER	N/A	Element Expected: Always, as soon as this information is known (just for Team events).
	Attribute	M/O	Value
	Value	M	N(1) 0
EUE	SUBSTITUTE	N/A	Element Expected: Always, as soon as this information is known (just for Team events).
	Attribute	M/O	Value
	Value	M	S(1)
			Flag that indicates when the team member is a substitute (alternate). Send 'Y' if the competitor (as a team member) is a substitute.

Sample (Team Event)

```
<EventUnitEntry Type="EUE" Code="SUBSTITUTE" Value="Y"/>
<EventUnitEntry Type="EUE" Code="SEQ_NUMBER" Value="6" />
```

Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult (1,N)			
Team members extended result. Only send in team events.			
Type	Code	Pos	Description
ER	BOUT	Numeric #	Pos Description: The number that identifies the Bout number (within the match, as in ExtendedInfos), in which this athlete fights as a team member. There will be three bouts for each team member. (not considering substitutes) Element Expected: Only for Team events Send only for the current and completed bouts
Attribute	M/O	Value	Description
Value	M	Numeric #	Cumulative score achieved by the team due to this bout's result.
Sub Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult /Extension Expected: Only for Team events (for any team member in case of black card warning)			
Attribute	Value	Description	
Code	BC		
Pos	N/A	N/A	
Value	S(1)	Black Card indicator. Send 'Y' when this team member has received a Black Card in this bout.	
Sub Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult /Extension Expected: Only for Team events (for any team member)			
Attribute	Value	Description	
Code	IRM		
Pos	N/A	N/A	
Value	SC @IRM	Send the IRM granted in the related bout.	
Sub Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult /Extension Expected: Only for Team events. Send only for the current and completed bouts			
Attribute	Value	Description	
Code	SCORE		
Pos	N/A	N/A	
Value	Numeric #0	Send the team member Score (number of touches) in this bout. Not cumulative.	
Sub Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult /Extension Expected: Only for Team events. When changes and after each bout.			
Attribute	Value	Description	
Code	WLT		
Pos	N/A	N/A	

Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult (1,N) Team members extended result. Only send in team events.				
Type	Code	Pos	Description	
Value	S(1)		Winner indicator for each bout (within the match). Send 'Y' or 'L' if the team member wins or loses the bout (within the match)	
ER	MEMBER_SCORE_CUMU	N/A	Element Expected: Only for Team events (at the end of each bout within the match)	
Attribute	M/O	Value	Description	
Value	M	Numeric #0	Send the team member Score (touches) achieved within the match. It's the cumulative score of three bouts in which it fights as a team member.	

Sample

```

<ExtendedResults>
  <ExtendedResult Type="ER" Code="BOUT" Pos="2">
    <Extensions>
      <Extension Code="SCORE" Value="5" />
      <Extension Code="WINNER" Value="Y" />
    </Extensions>
  </ExtendedResult>
  <ExtendedResult Type="ER" Code="BOUT" Pos="4">
    <Extensions>
      <Extension Code="SCORE" Value="5" />
      <Extension Code="WINNER" Value="Y" />
    </Extensions>
  </ExtendedResult>
</ExtendedResults>

```

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

This message is sent:

- LIVE: During the match after every change in score
- UNOFFICIAL/OFFICIAL: After the match

2.2.5.4 Message Values

Element: ExtendedInfos /SportDescription (0,1)			
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)			
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
ScoreH	O	Numeric #0	Total Home Score (competitor A) in the match Send if there is a score change for either competitor
ScoreA	O	Numeric #0	Total Away Score (competitor B) in the match Send if there is a score change for either competitor

Element: Actions /Action /Competitor (0,N)			
Competitor participating in the Action. Used when the Action is related to a competitor.			
Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Competitor's ID
Type	M	S(1)	A for team
Organisation	M	CC @Organisation	Competitors' organisation

Element: Actions /Action /Competitor /Composition /Athlete (1,N)			
Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Athlete's ID (individual athlete or team member) related to the action

Element: Actions /Action /Competitor /Composition /Athlete /Description (1,1)			
Athletes extended information			
Attribute	M/O	Value	Description
GivenName	O	S(25)	Given name in WNPA format (mixed case)
FamilyName	M	S(25)	Family name in WNPA format (mixed case)
Gender	M	CC @PersonGender	Gender of the athlete
Organisation	M	CC @Organisation	Athletes' organisation
BirthDate	O	Date	Birth date (example: YYYY-MM-DD). Must include if the data is available
IFId	O	S(16)	International Federation ID
Class	O	CC @SportClass	Code to identify the sport class in the case of events with athletes with a disability (e.g: Paralympic Games). This attribute is optional because it is not used in events without such athletes but is mandatory where applicable.

2.2.5.5 Message Sort

Actions /Action @Order followed by @Pos

2.2.6 Pool Standing

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 (match).

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).

This message is only used where the competition format uses pools. Also used for pool summary information with phase (not pool) level RSC.

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 but not updated during a match with real time results.

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	Description
	Value	M	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	
	Attribute	M/O	Value	Description
	Value	M	Numeric ##0	Total number of units (games) 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 (games) 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	
SubEventName	M	S(40)	Text short description of the Event Phase, not code	
Gender	M	CC @DisciplineGender	Gender code for the event unit	

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	The invalid rank mark, in case it is assigned. Only send in the case @ResultType is IRM
QualificationMark	O	SC @QualificationMark	Qualification indicator
SortOrder	M	Numeric #0	This attribute is a sequential number with the order of the results for the group, if they were to be presented. In fencing it is usually a fixed order. 1..n
Won	O	Numeric #0	Number of victories by the competitor in the group. Do not send if the competitor has not completed any matches..
Played	O	Numeric #0	Number of matches by the competitor in the group. Do not send if the competitor has not completed any matches.
For	O	Numeric #0	Total number of touches given Do not send if the competitor has not completed any matches.
Against	O	Numeric #0	Total number of touches received Do not send if the competitor has not completed any matches.
Diff	O	Numeric #0 or -Numeric -#0	Touch difference.
Ratio	O	Numeric 0.000	Calculated index victories/matches

Element: Result / ExtendedResults /ExtendedResult (1,N)				
Type	Code	Pos	Description	
ER	REMARK	N/A	Pos Description: Do not send anything Element Expected: When applicable	
	Attribute	M/O	Value	Description
	Value	M	String	Remark
ER	SCORE	Numeric #0	Pos Description: Match order. Follows sort order for each competitor. Element Expected: When each match complete	
	Attribute	M/O	Value	Description
	Value	M	String	Number of touches in the match + result indicator (5V = victory with 5 touches)

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 applicable in a team competition.	

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 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
A for athlete, T for team	S(20) with no leading zeroes	Numeric	Type Description: A for athlete, T for team 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.
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 competitor, send A if the opponent is the away competitor.

Element: Result / Competitor / Opponent / ExtendedResults /ExtendedResult (1,N)			
Type	Code	Pos	Description
ER	SCORE	N/A	Pos Description: N/A Element Expected: When each match complete
Attribute	M/O	Value	Description
Value	M	String	Number of touches in the match + result indicator (5V = victory with 5 touches)

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 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

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

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 after the draw.

Send when a match/event unit is completed, including Official status. Therefore it is triggered up to two times (with both status) for each event unit but only if there is a change from the previous version. 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'/'OFFICIAL' when the last event unit for an event (Gold Medal match) is completed.

Trigger also after any change.

2.2.7.4 Message Values

Element: ExtendedInfos /SportDescription (0,1)			
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)			
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 (finals). There should be a different code for each bracket based on sport/ORIS presentation of the bracket.

Element: Bracket /BracketItems (1,N)			
Attribute	M/O	Value	Description
Code	M	SC @BracketItems	Bracket code to identify a set of bracket items. It usually refers to the phase BracketItem /Unit @Phase It is referred to the phase of event. It will be sent Table of 64, ..., quarterfinals, semi-finals or finals phase (e.g.: R64 Table of 64-only for individuals-' QFL Quarterfinals')

Element: Bracket /BracketItems /BracketItem (1,N)			
Attribute	M/O	Value	Description
Code	O	Numeric S(3)	In general, this is the contest number for each bracket item as a unique identifier. (e.g.: 17, 18, 19, 20 ..). However, it may include "TBD" for to be defined, if the contest number is not known.
Order	M	Numeric	Sequential number inside of BracketItems to indicate the order, always start at 1
Date	O	Date	Date of match (example: YYYY-MM-DD). Must include if the data is available
Time	O	S(5)	Time of match (example HH:MM). Must include if the data is available.
Unit	O	CC @Unit	Full RSC of the unit for the BracketItem
Result	O	S(50)	Result of the match if the match is complete and formatted as in ORIS (separator & order, example 5-2). Must include if the data is available and the match is complete. In case of the Toss to be sent (for example): V(T) 14 - 14. Could include also the IRM information (for example: 5-2 (DSQ))
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.
	Attribute	M/O	Value
	Value	M	CC @Location

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 ###	This attribute is a sequential number to place the different competitors in the bracket (1, 2 ...).
Code	O	SC @CompetitorPlace	Code for the first competitor of the BracketItem, usually to indicate the rule to access to the bracket item and appearing as first competitor. It should be sent when there is no competitor for this bracket item (BYE) or when it is not known yet (TBD).
WLT	O	SC @WLT	Indicates the winner or loser of the bracket item. Always send when known
Result	O	S(10)	The result of the competitor in the event unit.
IRM	O	SC @IRM	The invalid rank mark, if applicable

Element: Bracket /BracketItems /BracketItem /CompetitorPlace /ExtCompPlaces /ExtCompPlace (1,N)

Bracket /BracketItems /BracketItem /CompetitorPlace /ExtCompPlaces / ExtCompPlace (it should be included when the competitor is not yet known for all events -Individual and Team-)

Type	Code	Pos	Description
ECP	DRAW	N/A	Element Expected: Only for 'Table of 64' in Individual events and 'Table of 16' in Team events, and when there is no competitor in this place (when the CompetitorPlace @Code is BYE)
	Attribute	M/O	Value
	Value	M	Numeric ##
			Description
			Send the Draw Number for the competitor in this bracket item. Is a number between 1 to 16 used in 'Table of 16' for Team events (depending on the number of teams competing), and between 1 to 64 used in 'Table of 64' for Individual events

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	CC @Unit Full RSC	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.
Value	O	S(2)	If the competitor in the current unit is unknown due to coming from previous matches then fill this field with the match number as appropriate.
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 indication of 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 A for athlete
Seed	O	S(10)	The seed of the competitor or equivalent information. In the first phase in each event (T64 individual, T16 for Team) the draw number / seed must be included.
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 / groups.
IFId	O	S(16)	Team IF number, send if available

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
Order	M	Numeric	Order attribute use 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
Class	O	CC @SportClass	Code to identify the sport class in the case of events with athletes with a disability (e.g: Paralympic Games). This attribute is optional because it is not used in events without such athletes but is mandatory where applicable.

Sample

```
....
<BracketItem Code="131" Order="2" Date="2016-08-09" Time="01:20" Unit="FENMEPEE-----SFNL0001----"
Result="15-10" NextUnit Unit=" FENM54KG-----FNL-0001----" >
  <CompetitorPlace Pos="1" WLT="W" Result="15" >
    <PreviousUnit Unit="FENM54KG-----QFNL0001----" />
    <Competitor Code="1066978" Type="A" Seed="4" Organisation="ESP" >
      <Composition>
        <Athlete Code="1066978" Order="1" >
          <Description FamilyName="Black" GivenName="John" Gender="M" Organisation="ESP"
BirthDate="1991-12-16" />
        </Athlete>
      </Composition>
    </Competitor>
  </CompetitorPlace>
</BracketItem>
```

2.2.7.5 Message Sort

The following order applies:

- * Bracket @Code if more than one '@Code'.
- * BracketItems according to its @Code attribute.
- * Then, the BracketItem /Unit @Unit are sorted according to their scheduled start time.

2.2.8 Event Final Ranking

2.2.8.1 Description

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

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

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

2.2.8.3 Trigger and Frequency

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

Send as PARTIAL as each ranking is inserted until OFFICIAL after the event when all final rankings are known. Trigger also after any change.

2.2.8.4 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. Must be included if it is a single event
Gender	M	CC @DisciplineGender	Gender code for the event unit. Must be included if it is a single gender

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

Element: Result /Competitor (1,1)			
Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes, NOCOMP	Competitor's 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	Competitors' organisation if known

Element: Result /Competitor /Description (0,1)			
Attribute	M/O	Value	Description
TeamName	M	S(73)	Name of the team. Only applies for teams
IFId	O	S(16)	Team IF number, send if available

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
Class	O	CC @SportClass	Code to identify the sport class in the case of events with athletes with a disability (e.g: Paralympic Games). This attribute is optional because it is not used in events without such athletes but is mandatory where applicable.

Sample

```
<Result Rank="1" SortOrder="1">
  <Competitor Code="1106858" Type="A" Organisation="SUI" >
    <Composition>
      <Athlete Code="1106858" Order="1" >
        <Description GivenName="John" FamilyName="Smith" Gender="M" Organisation="SUI" BirthDate="1994-
12-15" />
      </Athlete>
    </Composition>
  </Competitor>
</Result>
<Result SortOrder="2" IRM="DQB" >
  <Competitor Code="1090697" Type="A" Organisation="ESP" >
    <Composition>
      <Athlete Code="1090697" Order="1">
        <Description GivenName="James" FamilyName="Black" Gender="M" Organisation="ESP" BirthDate="1994-
12-16" />
      </Athlete>
    </Composition>
  </Competitor>
</Result>
....
```

2.2.8.5 Message Sort

Sort by Result @SortOrder

2.2.9 Configuration

2.2.9.1 Description

The Configuration is a message containing general configuration.

Ideally the configuration should be provided before competition. Send one message per event.

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	The DocumentCode will be at event level.
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.

2.2.9.3 Trigger and Frequency

Follow the general definition, taking also into account the following:

As soon as the data is known send the message for that event, before sending any DT_RESULT.

Trigger also after any change, but considering that, if possible, the configuration for one particular event, phase or event unit must be provided before the start list. If the message is sent after any DT_RESULT then those DT_RESULT messages must be sent again with the next version.

2.2.9.4 Message Values

Element: Configs /Config (1,N)			
Attribute	M/O	Value	Description
Unit	O	CC @Unit	Full RSC at event level.

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

Sample

```

...
<Configs>
  <Config Unit="FENMEPEE-----">
    <ExtendedConfig Type="EC" Code="BRACKET_SIZE" Value="R32" />
  </Config>
</Configs>

```

2.2.9.5 Message Sort

There is no general message sorting rule

3 Document Control

Version history		
Version	Date	Comments
v1.0	15 September 2017	First version

File Reference: ODF R-SOG-2020-FEN V1.0 SFA

Change Log		
Version	Status	Changes on version
v1.0	SFR	First version