

OLYMPIC DATA FEED

ODF Trampoline Data Dictionary

Tokyo 2020 - Games of the XXXII Olympiad

Technology and Information Department

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ODF SOG-2020-GTR-2.3 APP

14 August 2019

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1 Introduction

1.1 This document

This document includes the ODF Trampoline TrampolineData Dictionary. This Data Dictionary refines the messages described in the ODF General Messages Interface Document specifically for trampolineTrampoline.

1.2 Objective

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

1.3 Main Audience

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

1.4 Glossary

The following abbreviations are used in this document.

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

1.5 Related Documents

Document Title	Document Description
ODF 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 trampoline.

- 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	
DT_PARTIC / DT_PARTIC_UPDATE	List of participants by discipline / List of participants by discipline update	X
DT_PARTIC_NAME	Participant Names	
DT_MEDALS	Medal standings	
DT_RESULT	Event Unit Start List and Results	X
DT_CURRENT	Current Information	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 List of participants by discipline / List of participants by discipline update

2.2.1.1 Description

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

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

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.

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.

2.2.1.2 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)	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.
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 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.

2.2.1.4 Message Values

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

Sample

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


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)
PassportGivenName	O	S(25)	Passport Given Name (Uppercase)

Element: Participant (1,N)			
Attribute	M/O	Value	Description
PassportFamilyName	O	S(25)	Passport Family Name (Uppercase)
PrintName	M	S(35)	Print name (family name in upper case + given name in mixed case)
PrintInitialName	M	S(18)	Print Initial name (for the given name it is sent just the initial, without dot)
TVName	M	S(35)	TV name
TVInitialName	M	S(18)	TV initial name
TVFamilyName	M	S(25)	TV family name
LocalFamilyName	O	S(25)	Family name in the local language
LocalGivenName	O	S(25)	Given name in the local language
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).

Element: Participant (1,N)			
Attribute	M/O	Value	Description
OlympicSolidarity	O	S(1)	Send Y if the participant is a member of the Solidarity / Scholarship Program else not sent.
ModificationIndicator	M	S(1)	'N' or 'U' Attribute is mandatory in the DT_PARTIC_UPDATE message only N-New participant (in the case that this information comes as a late entry) U-Update participant If ModificationIndicator='N', then include new participant to the previous bulk-loaded list of participants If ModificationIndicator='U', then update the participant to the previous bulk-loaded list of participants To delete a participant, a specific value of the Status attribute is used.

Element: Participant /Discipline (1,1)

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

Attribute	M/O	Value	Description
Code	M	CC @Discipline	It is the discipline code used to fill the OdfBody @DocumentCode attribute.
IFld	O	S(16)	FIG Licence Number. Included if this information is available. For the athletes and the officials.

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

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

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

2.2.1.5 Message Sort

The message is sorted by Participant @Code

2.2.2 Event Unit Start List and Results

2.2.2.1 Description

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

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

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

2.2.2.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC @Competition	Unique ID for competition
DocumentCode	Full RSC	The DocumentCode will be sent according to the ODF Common Codes (header values)
DocumentSubcode	N/A	N/A
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). 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.

2.2.2.3 Trigger and Frequency

- "START_LIST": As soon as the competition order is known and any updates (inc. IRMs before start)
- "LIVE": When the first competitor starts and during the unit with all updates
- "UNOFFICIAL": After the unit has finished
- "OFFICIAL": After the Result is approved

Trigger also after any change.

2.2.2.4 Message Values

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

Element: ExtendedInfos /UnitDateTime (0,1)			
Attribute	M/O	Value	Description
StartDate	O	DateTime	Actual start date-time. Do not include until unit starts.

Element: ExtendedInfos /ExtendedInfo (0,N)				
Type		Code	Pos	Description
UI		SUBDIVISION	N/A	Description of @Pos: N/A Element Expected: Always if there are subdivisions
	Attribute	M/O	Value	Description
	Value	M	Numeric 0	Send the subdivision
UI		ROUTINE	N/A	Description of @Pos: N/A Element Expected: Always after unit started
	Attribute	M/O	Value	Description
	Value	M	Numeric 0	Send the current routine number
UI		STARTERS	N/A	Element Expected: When available
	Attribute	M/O	Value	Description
	Value	M	Numeric ##0	Send the number of competitors on the start list
Sub Element: ExtendedInfos /ExtendedInfo /Extension Expected: When it is available				
	Attribute	Value	Description	
	Code	COMPLETE		
	Pos	N/A	N/A	
	Value	Numeric ##0	Send the number of competitors whose event unit is completed (includes IRMs)	
UI		LAST_QUAL	Numeric #0	Description of @Pos: Send the rank of the competitor Element's Expected: If applicable in qualifying phases
	Attribute	M/O	Value	Description
	Value	M	S(20) without leading zeros	Send the ID of the competitor currently in the last qualifying place

Sample

```
<ExtendedInfos>
  <ExtendedInfo Type="UI" Code="ROUTINE" Value="1" />
  <ExtendedInfo Type="UI" Code="STARTERS" Value="16" />
    <Extension Code="COMPLETE" Value="10" />
  <ExtendedInfo Type="UI" Code="LAST_QUAL" Pos="8" Value="3160015" />
</ExtendedInfo>
</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

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	Official's function (example: referee, etc.). Can be different from the function sent in the DT_PARTIC message.
Order	M	Numeric #0	Order of the Officials

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

Element: Officials /Official /ExtOfficial (0,N)			
Type	Code	Pos	Description
EO	JURY_TYPE	N/A	Description of @Pos: N/A Element Expected: Always
Attribute	M/O	Value	Description

	Value	M	SC @JuryType	Indicates if the official is part of the Superior Jury or Judging Panel. Send appropriate code.
--	-------	---	--------------	--

Sample

```

<Officials>
  <Official Code="1165657" Function="PR" Order="1">
    <Description GivenName="Yanick" FamilyName="Baldinotti" Organisation="FIG" Gender="M" />
    <ExtOfficial Type="EO" Code="JURY_TYPE" Value="SUPERIOR" />
  </Official>
  <Official Code="1155520" Function="ME" Order="2">
    <Description GivenName="Joan" FamilyName="Smith" Organisation="FIG" Gender="F" />
    <ExtOfficial Type="EO" Code="JURY_TYPE" Value="SUPERIOR" />
  </Official>
  ...
  <Official Code="1174961" Function="CJP" Order="8">
    <Description GivenName="Bob" FamilyName="White" Organisation="USA" Gender="M" />
    <ExtOfficial Type="EO" Code="JURY_TYPE" Value="JUDGE" />
  </Official>
  ...
</Officials>

```


Element: Result (1,N)			
Attribute	M/O	Value	Description
Rank	O	Text	Rank of the competitor in the event unit. This attribute is optional because the competitor could get an IRM. Rank is not included if multiple groups are present in the phase (non-Olympic events).
RankEqual	O	S(1)	Identifies if a rank has been equalled. Only send if applicable
Result	O	Numeric ##0.000	Total Score of the routine(s)
IRM	O	SC @IRM	IRM for the particular event unit. Send in the case @ResultType is IRM.
QualificationMark	O	SC @QualificationMark	The code which gives an indication of the qualification of the competitor for the next round of the competition. Send if applicable.
SortOrder	M	Numeric	Used to sort all the results of an event unit Before the start of the competition it is the same as StartSortOrder. After the competition has started it will consider also the rank in the case the unit includes all rotations and the Rank is included in the message. During the event unit any sort order change from the initial start list order for any competitor will be provided in this attribute regardless the competitor is ranked or not.
StartOrder	M	S(2)	Start order of the competitor in the start list, may be Rn for reserves.
StartSortOrder	M	Numeric	Sort order of the competitors on the start list.
ResultType	O	SC @ResultType	ResultType is used to describe the type of data @Value or IRM, use "NO_SCORE" before the participant has a result.

Element: Result /ExtendedResults /ExtendedResult (1,N)			
Type	Code	Pos	Description
ER	ROUTINE	Numeric 0	Description of @Pos: Send the routine number. Always send even if only one routine Element's Expected: Always
	Attribute	M/O	Value
	Value	O	Numeric #0.000
	ValueType	M	SC @ResultType
			ValueType is used to describe the type of data @Value, use "NO_SCORE" before the participant has a result.

Element: Result /ExtendedResults /ExtendedResult (1,N)			
Type	Code	Pos	Description
IRM	O	SC @IRM	Send appropriate IRM code if IRM at this ExtendedResult.
Rank	O	Numeric	Send the rank of the competitor in the routine when @ValueType=POINTS.
RankEqual	O	S(1)	Send Y where Rank at this specific ExtendResult is equalled else not sent.
SortOrder	O	Numeric	Send the sort order equating to the rank but also considering IRMs.
Sub Element: Result /ExtendedResults /ExtendedResult /Extension			
Expected: Always			
Attribute	Value	Description	
Code	DIFFICULTY		
Pos	N/A	N/A	
Value	Numeric #0.000	Difficulty Points	
Sub Element: Result /ExtendedResults /ExtendedResult /Extension			
Expected: If applicable			
Attribute	Value	Description	
Code	PENALTY		
Pos	N/A	N/A	
Value	Numeric -#0.000	Penalty Points	
Sub Element: Result /ExtendedResults /ExtendedResult /Extension			
Expected: Always			
Attribute	Value	Description	
Code	EXECUTION		
Pos	N/A	N/A	
Value	Numeric #0.000	Execution Points	
Sub Element: Result /ExtendedResults /ExtendedResult /Extension			
Expected: Only in the case of inquiry for the difficulty score			
Attribute	Value	Description	
Code	INQUIRY		
Pos	N/A	N/A	
Value	SC @Inquiry	Send inquiry code	

Element: Result /ExtendedResults /ExtendedResult (1,N)			
Type	Code	Pos	Description
Sub Element: Result /ExtendedResults /ExtendedResult /Extension			
Expected: If applicable			
Attribute	Value	Description	
Code	HOR_DISPLACE		
Pos	N/A	N/A	
Value	Numeric #0.000	Horizontal Displacement	
Sub Element: Result /ExtendedResults /ExtendedResult /Extension			
Expected: Always			
Attribute	Value	Description	
Code	TIME		
Pos	N/A	N/A	
Value	Numeric #0.000	Time Points	

Sample

```
<Result Rank="1" ResultType="POINTS" Result="112.895" QualificationMark="Q" SortOrder="1">
  <ExtendedResults>
    <ExtendedResult Type="ER" Code="ROUTINE" Pos="1" Value="51.160" ValueType="SCORE" Rank="1"
SortOrder="1" >
      <Extension Code="DIFFICULTY" Value="3.400" />
      <Extension Code="EXECUTION" Value="29.200" />
      <Extension Code="HOR_DISPLACE" Value="1.200" />
      <Extension Code="TIME" Value="18.560" />
    </ExtendedResult>
    <ExtendedResult Type="ER" Code="ROUTINE" Pos="2" Value="61.735" ValueType="SCORE" Rank="2"
SortOrder="2" >
      <Extension Code="DIFFICULTY" Value="17.100" />
      <Extension Code="EXECUTION" Value="26.700" />
      <Extension Code="HOR_DISPLACE" Value="2.200" />
      <Extension Code="TIME" Value="17.935" />
    </ExtendedResult>
  </ExtendedResults>
</Result>
```

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	Competitor's ID
Type	M	S(1)	A for athlete, T for Team
Bib	O	S(4)	Bib Number
Organisation	O	CC @Organisation	Competitor's organisation

Element: Result /Competitor /Description (0,1) Only for team competitions (non-Olympic)			
Attribute	M/O	Value	Description
TeamName	M	S(73)	Name of the 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 0	Order attribute used to sort team members in a team (if Competitor @Type="T") on the results or 1 if Competitor @Type="A".
Bib	O	S(4)	Athlete's competitor number.
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 (FIG Licence)

Element: Result /Competitor /Composition /Athlete /EventUnitEntry (0,N) Individual athlete entry information.				
Type	Code	Pos	Description	
EUE	RESERVE	N/A	Description of @Pos: N/A Element's Expected: When applicable	
	Attribute	M/O	Value	Description
	Value	M	S(1)	Send Y if the athlete is reserve else do not send.

Sample

```
<EventUnitEntry Type="EUE" Code="RESERVE" Value="Y" />
```

2.2.2.5 Message Sort

Sort by Result @SortOrder

2.2.3 Current Information

2.2.3.1 Description

The Current message is a message containing the current information in a competition which is live. The message is used to send the latest applicable information.

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	Full RSC at unit level
DocumentSubcode	Not used	Not used
DocumentType	DT_CURRENT	Current 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.

2.2.3.3 Trigger and Frequency

- After every competitor completes an exercise and the score is available or a new competitor starts an exercise.
- If there is no previous competitor in the session then send (with one competitor as next) when the unit ScheduleStatus becomes GETTING_READY.

Up to a maximum of three competitors are sent in any message. These competitors are the one most recently completed an apparatus in the rotation (@Stage = LAST) the current or waiting score competitor (@Stage = CURRENT or WAITING) and the competitor next to start (@Stage = NEXT).

2.2.3.4 Message Values

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

Element: ExtendedInfos /ExtendedInfo (1,N)			
Type	Code	Pos	Description
UI	PHASE	N/A	Description of @Pos: N/A Element Expected: Always
	Attribute	M/O	Value
	Value	M	String
	Sub Element: ExtendedInfos /ExtendedInfo /Extension Expected: Always		
	Attribute	Value	Description
	Code	ROUTINE	
	Pos	N/A	N/A
	Value	Numeric #0	Send the current routine number

Sample(Qualification)

```
<ExtendedInfos>
  <ExtendedInfo Type="UI" Code="PHASE" Value=" GTRM1TRA-----QUAL-----" >
    <Extension Code="ROUTINE" Value="1"/>
  </ExtendedInfo>
</ExtendedInfos>
```

Element: Result (0,N)			
Attribute	M/O	Value	Description
Rank	O	Numeric	Rank of the competitor in the routine. This attribute is optional because the competitor could get an invalid result mark.
RankEqual	O	S(1)	Identifies if a rank has been equalled. Only "Y" send if applicable else do not send.
Result	O	Numeric #0.000	Score in the routine
IRM	O	SC @IRM	IRM for the routine Send just in the case @ResultType is IRM
SortOrder	M	Numeric	This attribute is a sequential number with the start order of the competitors in the unit.
StartSortOrder	M	Numeric	Sort order of the competitors on the start list.
ResultType	O	SC @ResultType	ResultType is used to describe the type of data @Value or in case of IRM, use "NO_SCORE" before the participant has a result.
Diff	O	Numeric #0.000	Points behind leader. Send 0.000 for the leader.

Element: Result /ExtendedResults /ExtendedResult (1,N)			
Type	Code	Pos	Description
ER	STAGE	N/A	Description of @Pos: N/A Element's Expected: Always
	Attribute	M/O	Value
	Value	M	SC @Stage
			Description
			Send applicable code
			Sub Element: Result /ExtendedResults /ExtendedResult /Extension Expected: Only during second routine of qualification and in finals for all STAGE options except LAST.
	Attribute	Value	Description
	Code	NEED	
	Pos	Numeric 0	Number for ranks 1, 2, 3, 8 8 is only sent in qualification.
	Value	String	Score (with format #0.000) needed to reach or maintain the rank related to @Pos Send "-" if the competitor is already ranked at this rank or higher and cannot drop lower. Send "x" if not possible to attain this rank
ER	PENALTY	N/A	Description of @Pos: N/A Element's Expected: If applicable
	Attribute	M/O	Value
	Value	M	Numeric -#0.000
			Description
			Penalty Points
ER	DIFFICULTY	N/A	Description of @Pos: N/A Element's Expected: Always
	Attribute	M/O	Value
	Value	M	Numeric #0.000
			Description
			Difficulty Points
ER	EXECUTION	N/A	Description of @Pos: N/A Element's Expected: Always
	Attribute	M/O	Value
	Value	M	Numeric #0.000
			Description
			Execution Points
ER	HOR_DISPLACE	N/A	Description of @Pos: N/A Element's Expected: If applicable
	Attribute	M/O	Value
	Value	M	Numeric #0.000
			Description
			Horizontal Displacement

Element: Result /ExtendedResults /ExtendedResult (1,N)				
Type	Code	Pos	Description	
ER	TIME	N/A	Description of @Pos: N/A Element's Expected: Always	
	Attribute	M/O	Value	Description
	Value	M	Numeric #0.000	Time Points
ER	INQUIRY	N/A	Description of @Pos: N/A Element's Expected: Only in the case of inquiry for the difficulty score	
	Attribute	M/O	Value	Description
	Value	M	SC @Inquiry	Send inquiry code if applicable

Sample

```
<Result ResultType="POINTS" Result="18.537" Rank="5" SortOrder="5" >
  <ExtendedResults>
    <ExtendedResult Type="ER" Code="STAGE" Value="LAST" />
    <ExtendedResult Type="ER" Code="DIFFICULTY" Value="10.000" />
    <ExtendedResult Type="ER" Code="EXECUTION" Value="9.325" />
    <ExtendedResult Type="ER" Code="HOR_DISPLACE" Value="1.200" />
  </ExtendedResults>
</Result>
```

Element: Result /Competitor (1,N)				
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	
Bib	O	S(4)	Bib number	
Organisation	M	CC @Organisation	Competitor's organisation	

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

2.2.3.5 Message Sort

Sort by Result @SortOrder.

2.2.4 Event Final Ranking

2.2.4.1 Description

The event final ranking is a message containing the final results and ranking at the completion of one particular event.

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.

2.2.4.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC @Competition	Unique ID for competition
DocumentCode	Full RSC of the 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.

2.2.4.3 Trigger and Frequency

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

2.2.4.4 Message Values

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

Element: 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.
Result	O	Numeric ##0.000	Score.
ResultType	M	SC @ResultType	Type of the @Result attribute or in the case of IRM.
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.	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
Organisation	O	CC @Organisation	Competitors' organisation if known
Bib	O	S(4)	Bib number

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

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

Sample

```
<Result Rank="1" ResultType="POINTS" Result="62.900" SortOrder="1">
  <Competitor Code="1132742" Type="A" Organisation="USA" >
    <Composition>
      <Athlete Code="1132742" Order="1">
        <Description FamilyName="Smith" GivenName="Joan" Gender="W" Organisation="USA" IFId="1345018"
        BirthDate="1994-11-15" />
      </Athlete>
    </Composition>
  </Competitor>
</Result>
```

2.2.4.5 Message Sort

Sort by Result @SortOrder

2.2.5 Configuration

2.2.5.1 Description

The Configuration is a message containing general configuration.

Send before the competition for each phase in separate messages.

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	Sent this message for each phase.
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.

2.2.5.3 Trigger and Frequency

The message is sent prior to any ODF Sports message.

Trigger also after any change, but considering that, if possible, the configuration for one phase must be provided before the start list. If the message is sent then send again the DT_RESULT immediately afterward.

2.2.5.4 Message Values

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

Element: Configs /Config (1,N)				
Attribute	M/O	Value	Description	
Unit	M	CC @Unit	Full RSC. Always send at Phase level in Trampoline.	
Element: Configs /Config /ExtendedConfig (1,N)				
Type	Code	Pos	Description	
EC	SUBDIV_NUM	N/A	Description of @Pos: N/A Element's Expected: Always	
	Attribute	M/O	Value	Description
	Value	M	Numeric #0	Total number subdivisions (groups) in the phase.
QUALIFICATION	FROM_RANK	N/A	N/A Element Expected: Only for events where qualifying is applicable	
	Attribute	M/O	Value	Description
	Value	M	Numeric #0	Indicates qualification for the next round, based on rank. Send the qualifying rank to indicate first rank to qualify
QUALIFICATION	TO_RANK	N/A	N/A Element Expected: Only for events where qualifying is applicable	
	Attribute	M/O	Value	Description
	Value	M	Numeric #0	Indicates qualification for the next round, based on rank. Send the qualifying rank to indicate last rank to qualify
QUALIFICATION	QUAL_RESERVES	N/A	Description of @Pos: N/A Element's Expected: Only in phases where qualification applies	
	Attribute	M/O	Value	Description

Element: Configs /Config /ExtendedConfig (1,N)				
Type	Code	Pos	Description	
Value	M	Numeric #0	Number of qualification reserves	
QUALIFICATION	QUAL_RULE	N/A	Description of @Pos: N/A Element's Expected: Only in phases where qualification applies	
Attribute	M/O	Value	Description	
Value	M	S(n)	Information about qualification Send the text with the qualification rule.	

Sample

```
<Configs>
  <Config Unit="GTRM1TRA-----QUAL-----" >
    <ExtendedConfig Type="EC" Code="SUBDIV_NUM" Value="1" />
    <ExtendedConfig Type="QUALIFICATION" Code="FROM_RANK" Value="1" />
    <ExtendedConfig Type="QUALIFICATION" Code="TO_RANK" Value="8" />
    <ExtendedConfig Type="QUALIFICATION" Code="QUAL_RESERVES" Value="2" />
    <ExtendedConfig Type="QUALIFICATION" Code="QUAL_RULE" Value="Top 8 ranked gymnasts (routine 1 +
routine 2) qualify for the final" />
  </Config>
</Configs>
```

2.2.5.5 Message Sort

There is no message sorting rule.

3 Document Control

Version history		
Version	Date	Comments
v1.0	26 March 2018	First version
V2.0	4 January 2019	Updated
V2.1	25 February 2019	Updated
V2.2	18 April 2019	Updated
V2.3	14 August 2019	Updated

File Reference: ODF SOG-2020-GTR-2.3 APP

Change Log		
Version	Status	Changes on version
v1.0	SFR	First version
V2.0	SFA	CR 15039: Add DT_PARTIC_NAME to applicable messages. CR 16671: Add TVFamilyName in DT_PARTIC message. CR 16928: Add Pty @ Result/ExtendedResults/ExtendedResult to replace PTY extension. DT_CONFIG: Update to use Type QUALIFICATION for consistency Typographical corrections
V2.1	SFA	Reversed CR16928 for consistency in all gymnastics DT_CURRENT: Add NEED in ExtendedResults DT_CURRENT: Clarified that Rank & score are for the routine
V2.2	APP	DT_CURRENT: Clarified the triggering and StartSortOrder. DT_RANKING: Add Bib @ Result/Competitor & Result/Competitor/Composition/Athlete DT_RESULT: Change Value in ER/ROUTINE to optional (to manage IRMs) Minor editorial changes without changing the intent
V2.3	APP	CR16640: Add ODF Version @Competition CR17809: Change Participant/OlympicSolidarity to disallow N Editorial improvements without changing the intent.