

OLYMPIC DATA FEED

ODF Rhythmic Gymnastics 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 Rhythmic Gymnastics Data Dictionary. This Data Dictionary refines the messages described in the ODF General Messages Interface Document specifically for rhythmic gymnastics.

1.2 Objective

The objective of this document is to provide a complete and formal definition of the ODF Rhythmic Gymnastics Data Dictionary, with the intention that the information message producer and the message consumer can successfully interchange the information as the rhythmic gymnastics competition is run.

1.3 Main Audience

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

1.4 2018 Commonwealth Games

This document is to be applied for the 2018 Commonwealth Games. All included concepts are applied. Note that the events for Commonwealth Games are individual apparatus, individual all-around and team, this compares to the Olympic Games where the events are individual all-around and groups.

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 rhythmic gymnastics.

- 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_TEAMS / DT_PARTIC_TEAMS_UPDATE	List of teams / update	X
DT_MEDALS	Medal standings	
DT_MEDALLISTS_DAY	Medallists of the day	
DT_GLOBAL_GM	Global good morning	
DT_GLOBAL_GN	Global good night	
DT_RESULT	Event Unit Start List and Results	X
DT_CURRENT	Current Information	X
DT_PHASE_RESULT	Phase Results	X
DT_CUMULATIVE_RESULT	Cumulative Results	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: Participant (1,N)			
Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	<p>Participant's ID.</p> <p>It identifies an athlete or an official and the holding participant's valid information for one particular period of time.</p> <p>It is used to link other messages to the participant's information.</p> <p>Participant's information (example @Organisation) will not be the latest for the athlete/official, unless the @Code attribute is the same as the @Parent attribute. However, this information could be the one being valid in the particular moment of a start list, event unit results, etc.</p> <p>When the participant is an historical one, then this ID will start with "A" when it is an Athlete, "C" when Coach and "O" when Official.</p>
Parent	M	S(20) with no leading zeroes	<p>Participant's parent ID, which is used to link to the latest valid information for one participant. @Parent attribute should be linked to the latest participant's information, by retrieving that Athlete/Official whose @Code attribute is the same as @Parent.</p> <p>The participant containing @Code attribute being the same as the @Parent attribute will be the one with the latest information for the participant.</p> <p>The @Parent attribute will only be different from @Code in the case that critical personal information has changed from previous competitions. The typical examples are Organisation (for change of country) or Name (particularly for women changing their name at marriage). Further to be clear, @Parent and @Code can only be different if Current = "false".</p>
Status	O	CC @ParticStatus	<p>Participant's accreditation status this attribute is Mandatory in the case of @Current="true" and it is optional in the case that @Current="false".</p> <p>To delete a participant, a specific value of the Status attribute is used.</p>
GivenName	O	S(25)	Given name in WNPA format (mixed case)
FamilyName	M	S(25)	Family name in WNPA format (mixed case)

Element: Participant (1,N)			
Attribute	M/O	Value	Description
PrintName	M	S(35)	Print name (family name in upper case + given name in mixed case)
PrintInitialName	M	S(18)	Print Initial name (for the given name it is sent just the initial, without dot)
TVName	M	S(35)	TV name
TVInitialName	M	S(18)	TV initial name
Gender	M	CC @PersonGender	Participant's gender
Organisation	M	CC @Organisation	Organisation ID
BirthDate	O	YYYY-MM-DD	Date of birth. This information may not be known at the very beginning, but it will be completed for all participants after successive updates
Height	O	S(3)	Height in centimetres. It will be included if this information is available. This information is not needed in the case of officials/referees. "-" may be used where the data is not available.
Weight	O	S(3)	Weight in kilograms. It will be included if this information is available. This information is not needed in the case of officials/referees. "-" may be used where the data is not available.
PlaceofBirth	O	S(75)	Place of Birth
CountryofBirth	O	CC @Country	Country ID of Birth
PlaceofResidence	O	S(75)	Place of Residence
CountryofResidence	O	CC @Country	Country ID of Residence
Nationality	O	CC @Country	Participant's nationality. Although this attribute is optional, in very exceptional situations it will not be known, and for this reason not ready to be sent.
MainFunctionId	O	CC @ResultsFunction	Main function In the Case of Current="true" this attribute is Mandatory.
Current	M	boolean	It defines if a participant is participating in the games (true) or is a Historical participant (false).
OlympicSolidarity	O	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)	'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
Bib	O	S(4)	Bib number. Athlete's competitor number, to be sent as mandatory once it is known. Only for Individual events, not for Group members.

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

2.2.1.5 Message Sort

The message is sorted by Participant @Code

2.2.2 List of teams / List of teams update

2.2.2.1 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.

2.2.2.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC @Competition	Unique ID for competition
DocumentCode	Full RSC (discipline level)	RSC at the discipline level
DocumentType	DT_PARTIC_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.

2.2.2.3 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.

2.2.2.4 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. Therefore, he/she makes part of the team's composition.
Order	O	Numeric	Team member order

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

2.2.2.5 Message Sort

The message is sorted by Team @Code.

2.2.3 Event Unit Start List and Results

2.2.3.1 Description

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

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

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

2.2.3.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC @Competition	Unique ID for competition
DocumentCode	Full RSC	The DocumentCode will be sent according to the ODF Common Codes (header values)
DocumentSubcode	SC @Apparatus	DocumentSubcode is used only in units where additional DT_RESULT messages are sent to provide other rankings. (usually in qualification)
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.

2.2.3.3 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.

2.2.3.4 Message Values

Element: ExtendedInfos /UnitDateTime (0,1)				
Attribute	M/O	Value	Description	
StartDate	O	DateTime	Actual start date-time. Do not include until unit starts.	
Element: ExtendedInfos /ExtendedInfo (0,N)				
Type	Code	Pos	Description	
UI	SUBDIVISION	N/A	Element Expected: Always if there are subdivisions	
	Attribute	M/O	Value	Description
	Value	M	Numeric 0	Send the subdivision
UI	ROTATION	N/A	Element Expected: Always	
	Attribute	M/O	Value	Description
	Value	M	Numeric 0	Send the current rotation

Element: ExtendedInfos /ExtendedInfo (0,N)			
Type	Code	Pos	Description
UI	STARTERS	N/A	Element Expected: When available
Attribute	M/O	Value	Description
Value	M	Numeric ##0	Sent 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)	

Sample

```
<ExtendedInfos>
  <ExtendedInfo Type="UI" Code="ROTATION" Value="1" />
  <UnitDateTime StartDate="2012-08-11T12:30:00+01:00" />
  <ExtendedInfo Type="UI" Code="STARTERS" Value="12" />
    <Extension Code="COMPLETE" Value="5" />
  </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 Send order inside each apparatus according to ORIS.

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	APPARATUS	N/A	Element Expected: When the judge is assigned to an apparatus
	Attribute	M/O	Description
	Value	O	SC @Apparatus Send proposed code
EO	JURY_TYPE	N/A	Element Expected: Always
	Attribute	M/O	Description
	Value	M	SC @JuryType Send proposed 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="SUP_H" Order="2">
    <Description GivenName="Joan" FamilyName="Smith" Organisation="FIG" Gender="F" />
    <ExtOfficial Type="EO" Code="JURY_TYPE" Value="SUPERIOR" />
  </Official>
  ...
  <Official Code="1174616" Function="D1" Order="1">
    <Description GivenName="Joan" FamilyName="Brown" Organisation="CZE" Gender="F" />
    <ExtOfficial Type="EO" Code="APPARATUS" Value="HOOP" />
    <ExtOfficial Type="EO" Code="JURY_TYPE" Value="JUDGE" />
  </Official>
  <Official Code="1174961" Function="D2" Order="2">
    <Description GivenName="Bob" FamilyName="Brown" Organisation="ESP" Gender="M" />
    <ExtOfficial Type="EO" Code="APPARATUS" Value="HOOP" />
    <ExtOfficial Type="EO" Code="JURY_TYPE" Value="JUDGE" />
  </Official>
  ...
</Officials>
```

Element: Result (1,N)			
Attribute	M/O	Value	Description
Rank	O	Text	Send if all rotations are included inside the single unit else do not send.
RankEqual	O	S(1)	Identifies if a rank has been equalled. Only send if applicable
Result	O	Numeric ##0.000	Score (total for all rotations included in the unit)
IRM	O	SC @IRM	IRM for the particular event unit. Send in the case @ResultType is IRM.
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.
StartOrder	M	Numeric	Send the start order for the rotation, 1 to n.
StartSortOrder	M	Numeric	Send the order of competitor in the rotation, 1 to n.
ResultType	O	SC @ResultType	Type of the @Result attribute.

Element: Result /ExtendedResults /ExtendedResult (1,N)			
Type	Code	Pos	Description
ER	CC@Apparatus	N/A	Element Expected: When available
Attribute	M/O	Value	Description
Value	O	Numeric #0.000	Send the athlete score on the apparatus
ValueType	O	SC @ResultType	ValueType should be used to describe the type of data @Value
IRM	O	SC @IRM	Send appropriate IRM code if IRM at this ExtendedResult
Sub Element: Result /ExtendedResults /ExtendedResult /Extension Expected: When available			
Attribute	Value	Description	
Code	DIFFICULTY		
Pos	N/A	N/A	
Value	Numeric #0.000	Send the difficulty score for the competitor on this apparatus	
Sub Element: Result /ExtendedResults /ExtendedResult /Extension Expected: When available			
Attribute	Value	Description	
Code	DIFFICULTY_BODY		
Pos	N/A	N/A	
Value	Numeric #0.000	Send the difficulty body score for the competitor on this apparatus	
Sub Element: Result /ExtendedResults /ExtendedResult /Extension Expected: When available			
Attribute	Value	Description	
Code	DIFFICULTY_APPARATUS		
Pos	N/A	N/A	
Value	Numeric #0.000	Send the difficulty apparatus score for the competitor on this apparatus	
Sub Element: Result /ExtendedResults /ExtendedResult /Extension Expected: When available			
Attribute	Value	Description	
Code	EXECUTION		
Pos	N/A	N/A	

Element: Result /ExtendedResults /ExtendedResult (1,N)			
Type	Code	Pos	Description
Value	Numeric #0.000		Send the execution score for the competitor on this apparatus
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	
Sub Element: Result /ExtendedResults /ExtendedResult /Extension Expected: If applicable			
Attribute	Value	Description	
Code	PENALTY		
Pos	N/A	N/A	
Value	Numeric -0.000	Send the total Penalty for this apparatus	
Sub Element: Result /ExtendedResults /ExtendedResult /Extension Expected: If applicable			
Attribute	Value	Description	
Code	DEDUCTION_EA		
Pos	N/A	N/A	
Value	Numeric -0.0	Send the artistic deduction for this apparatus	
Sub Element: Result /ExtendedResults /ExtendedResult /Extension Expected: If applicable			
Attribute	Value	Description	
Code	DEDUCTION_ET		
Pos	N/A	N/A	
Value	Numeric -0.00	Send the technique deduction for this apparatus	

Sample (Group)

```
<Result ResultType="POINTS" Result="17.783" SortOrder="2" StartOrder="2" StartSortOrder="2" >
  <ExtendedResults>
    <ExtendedResult Type="ER" Code="5_RIBBONS" Value="17.783" ValueType="POINTS" >
      <Extension Code="DIFFICULTY" Value="8.950" />
      <Extension Code="DIFFICULTY_BODY" Value="4.950" />
      <Extension Code="DIFFICULTY_APPARATUS" Value="5.000" />
      <Extension Code="EXECUTION" Value="8.833" />
      <Extension Code="DEDUCTION_EA" Value="-0.5" />
      <Extension Code="DEDUCTION_ET" Value="-0.25" />
    </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)

Attribute	M/O	Value	Description
TeamName	M	S(73)	Name of the team

Element: Result /Competitor /EventUnitEntry (0,N)
For groups only

Type	Code	Pos	Description
EUE	APPARATUS	N/A	Element Expected: Always
	Attribute	M/O	Value
	Value	M	SC @Apparatus
	Send the apparatus for the competitor		
EUE	MUSIC_LENGTH	N/A	Element Expected: Always
	Attribute	M/O	Value
	Value	M	m:ss
	Send the music length(time) for this apparatus for this competitor		
EUE	MUSIC_TITLE	N/A	Element Expected: Always
	Attribute	M/O	Value
	Value	M	String
	Send the music title for this apparatus for this competitor		
EUE	MUSIC_COMPOSER	N/A	Element Expected: Always
	Attribute	M/O	Value
	Value	M	String
	Send the music composer for this apparatus for this competitor		

			competitor
--	--	--	------------

Sample

```
<EventUnitEntry Type="EUE" Code="APPARATUS" Value="5_RIBBONS" />
<EventUnitEntry Type="EUE" Code="MUSIC_LENGTH" Value="2:30" />
<EventUnitEntry Type="EUE" Code="MUSIC_TITLE" Value="Ballet Giselle" />
<EventUnitEntry Type="EUE" Code="MUSIC_COMPOSER" Value="Adam Adolphe" />
```

Element: Result /Competitor /Composition /Athlete (1,N)			
Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Athlete's ID. Can belong to a team or be an individual athlete.
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. Only for Individual events, not for Group members.

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

Element: Result /Competitor /Composition /Athlete /EventUnitEntry (0,N) Individual athletes entry information.			
Type	Code	Pos	Description
EUE	APPARATUS	N/A	Element Expected: Always
	Attribute	M/O	Description
	Value	M	SC @Apparatus Send the apparatus for the competitor
EUE	MUSIC_LENGTH	N/A	Element Expected: Always
	Attribute	M/O	Description
	Value	M	m:ss Send the music length(time) for this apparatus for this competitor
EUE	MUSIC_TITLE	N/A	Element Expected: Always

Element: Result /Competitor /Composition /Athlete /EventUnitEntry (0,N)				
Individual athletes entry information.				
Type	Code	Pos	Description	
	Attribute	M/O	Value	Description
	Value	M	String	Send the music title for this apparatus for this competitor
EUE	MUSIC_COMPOSER	N/A	Element Expected: Always	
	Attribute	M/O	Value	Description
	Value	M	String	Send the music composer for this apparatus for this competitor
EUE	RESERVE	N/A	Element Expected: When applicable	
	Attribute	M/O	Value	Description
	Value	M	Y	Send Y if the athlete is reserve else do not send. Reserves are included in all rotations.

Sample

```
<EventUnitEntry Type="EUE" Code="APPARATUS" Value="HOOP" />
<EventUnitEntry Type="EUE" Code="MUSIC_LENGTH" Value="2:30" />
<EventUnitEntry Type="EUE" Code="MUSIC_TITLE" Value="Ballet Gizelle" />
<EventUnitEntry Type="EUE" Code="MUSIC_COMPOSER" Value="Adam Adolphe" />
```

Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult (1,N)				
Team members extended results (only used for team, not group or individual)				
Type	Code	Pos	Description	
ER	CC@Apparatus	N/A	Element Expected: When available	
	Attribute	M/O	Value	Description
	Value	O	Numeric #0.000	Send the athlete score on the apparatus
	ValueType	O	SC @ResultType	ValueType should be used to describe the type of data @Value
	IRM	O	SC @IRM	Send appropriate IRM code if IRM at this ExtendedResult
Sub Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult /Extension				
Expected: When available				
	Attribute	Value	Description	
	Code	DIFFICULTY		
	Pos	N/A	N/A	
	Value	Numeric #0.000	Send the difficulty score for the athlete on this apparatus	

Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult (1,N)			
Team members extended results (only used for team, not group or individual)			
Type	Code	Pos	Description
Sub Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult /Extension			
Expected: When available			
Attribute	Value	Description	
Code	DIFFICULTY_BODY		
Pos	N/A	N/A	
Value	Numeric #0.000	Send the difficulty body score for the competitor on this apparatus	
Sub Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult /Extension			
Expected: When available			
Attribute	Value	Description	
Code	DIFFICULTY_APPARATUS		
Pos	N/A	N/A	
Value	Numeric #0.000	Send the difficulty apparatus score for the competitor on this apparatus	
Sub Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult /Extension			
Expected: When available			
Attribute	Value	Description	
Code	EXECUTION		
Pos	N/A	N/A	
Value	Numeric #0.000	Send the execution score for the athlete on this apparatus	
Sub Element: Result /Competitor /Composition /Athlete /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	
Sub Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult /Extension			
Expected: If applicable			
Attribute	Value	Description	
Code	PENALTY		
Pos	N/A	N/A	
Value	Numeric -0.000	Send the total Penalty for this apparatus	

Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult (1,N)			
Team members extended results (only used for team, not group or individual)			
Type	Code	Pos	Description
Sub Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult /Extension			
Expected: If applicable			
Attribute	Value	Description	
Code	DEDUCTION_EA		
Pos	N/A	N/A	
Value	Numeric -0.0	Send the artistic deduction for this apparatus	
Sub Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult /Extension			
Expected: If applicable			
Attribute	Value	Description	
Code	DEDUCTION_ET		
Pos	N/A	N/A	
Value	Numeric -0.00	Send the technique deduction for this apparatus	

2.2.3.5 Message Sort

Sort by Result @SortOrder

2.2.4 Current Information

2.2.4.1 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.

2.2.4.2 Header Values

The following table describes the message header attributes.

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

2.2.4.3 Trigger and Frequency

- After every competitor completes a routine and the score is available or a new competitor starts a routine.
- If there is no previous competitor on the apparatus in the session then send (with one competitor as next) when the first 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 or WAITING) the current competitor and the competitor next to start.

Each competitor only includes the apparatus in the current rotation.

2.2.4.4 Message Values

Element: ExtendedInfos /ExtendedInfo (1,N)			
Type	Code	Pos	Description
UI	PHASE	N/A	Element Expected: Always
	Attribute	M/O	Value
			Description
	Value	M	String
			Send phase RSC (34)
Sub Element: ExtendedInfos /ExtendedInfo /Extension			
Expected: Always			
	Attribute	Value	Description
	Code	ROTATION	
	Pos	N/A	N/A
	Value	Numeric #0	Send the current rotation number
Sub Element: ExtendedInfos /ExtendedInfo /Extension			
Expected: When applicable			
	Attribute	Value	Description
	Code	SUBDIVISION	
	Pos	N/A	N/A
	Value	Numeric #0	Send the current subdivision number

Sample(Individual All-Around Qualification)

```
<ExtendedInfos>
  <ExtendedInfo Type="UI" Code="PHASE" Value="GRYW1AA-----QUAL-----" >
    <Extension Code="SUBDIVISION" Value="1"/>
    <Extension Code="ROTATION" Value="3"/>
  </ExtendedInfo>
</ExtendedInfos>
```

Element: Result (0,N)			
Attribute	M/O	Value	Description
Rank	O	Numeric	Rank of the competitor in the phase. This attribute is optional because the competitor could get an invalid result mark.
RankEqual	O	Y	Identifies if a rank has been equalled. Only send if applicable
Result	O	Numeric #0.000	Score for the competitor in the phase
IRM	O	SC @IRM	IRM for the particular event unit 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	Same as SortOrder
ResultType	O	SC @ResultType	Type of the @Result attribute.
Diff	O	Numeric #0.000	Points behind leader. Send 0.000 for the leader. This is not the Difficulty score.

Element: Result / ExtendedResults /ExtendedResult (1,N)			
Type	Code	Pos	Description
ER	STAGE	N/A	Element Expected: Always
	Attribute	M/O	Value
	Value	M	SC @Stage Send applicable code
ER	APPARATUS	N/A	Element Expected: Always
	Attribute	M/O	Value
	Value	M	SC @Apparatus Send the apparatus for the competitor
ER	ROTATION	N/A	Element Expected: Always if not zero
	Attribute	M/O	Value
	Value	M	Numeric 0 Send the number of rotations which makes up the overall score in the phase. Do not send if 0.

Element: Result / ExtendedResults /ExtendedResult (1,N)				
Type	Code	Pos	Description	
ER	DIFF	Numeric #0	<p>Pos Description: Send the rank number for the applicable points behind.</p> <p>Points behind the second & third ranked competitors and last qualifying place. Pos=2 is points behind second Pos=3 is points behind third Pos=x is points behind last qualified where x=last qualifying rank. (do not send in finals)</p> <p>Element Expected: Always after the competitor has a score. Only send behind last qualifying for the qualification phase and when STAGE=LAST.</p>	
	Attribute	M/O	Value	Description
	Value	M	Numeric #0.000	Send the points behind or "-" if higher than the rank. Send 0.000 if in @Pos rank. This is not the Difficulty score.
ER	PREV_SCORE	N/A	Element Expected: For rotations higher than 1, only for Current and Next competitors	
	Attribute	M/O	Value	Description
	Value	M	Numeric #0.000	Send the competitor total score after the previous rotation
ER	PREV_RANK	N/A	Element Expected: For rotations higher than 1, only for Current and Next competitors	
	Attribute	M/O	Value	Description
	Value	M	Numeric #0	Send the competitor total rank after the previous rotation
ER	PREV_ERANK	N/A	Element Expected: For rotations higher than 1, only for Current and Next competitors	
	Attribute	M/O	Value	Description
	Value	M	Y	Send Y if PREV_RANK is equalled, otherwise do not send.
ER	CC@Apparatus	N/A	Element Expected: When available	
	Attribute	M/O	Value	Description
	Value	O	Numeric #0.000	Send the competitor score on the apparatus

Element: Result / ExtendedResults /ExtendedResult (1,N)			
Type	Code	Pos	Description
ValueType	M	SC @ResultType	ValueType should be used to describe the type of data @Value
IRM	O	SC @IRM	Send appropriate IRM code if IRM at this ExtendedResult
Rank	O	Numeric #0	Send the rank of the competitor on the apparatus.
RankEqual	O	Y	Send Y where Rank at this specific ExtendResult is equalled else not sent.
Sub Element: Result /ExtendedResults /ExtendedResult /Extension Expected: When available			
Attribute	Value	Description	
Code	DIFFICULTY		
Pos	N/A	N/A	
Value	Numeric #0.000	Send the difficulty score for the competitor on this apparatus	
Sub Element: Result /ExtendedResults /ExtendedResult /Extension Expected: When available			
Attribute	Value	Description	
Code	DIFFICULTY_BODY		
Pos	N/A	N/A	
Value	Numeric #0.000	Send the difficulty body score for the competitor on this apparatus	
Sub Element: Result /ExtendedResults /ExtendedResult /Extension Expected: When available			
Attribute	Value	Description	
Code	DIFFICULTY_APPARATUS		
Pos	N/A	N/A	
Value	Numeric #0.000	Send the difficulty apparatus score for the competitor on this apparatus	
Sub Element: Result /ExtendedResults /ExtendedResult /Extension Expected: When available			
Attribute	Value	Description	
Code	EXECUTION		
Pos	N/A	N/A	
Value	Numeric #0.000	Send the execution score for the competitor on this apparatus	

Element: Result / ExtendedResults /ExtendedResult (1,N)			
Type	Code	Pos	Description
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	
Sub Element: Result /ExtendedResults /ExtendedResult /Extension Expected: If applicable			
Attribute	Value	Description	
Code	PENALTY		
Pos	N/A	N/A	
Value	Numeric -0.000	Send the total Penalty for this apparatus	
Sub Element: Result /ExtendedResults /ExtendedResult /Extension Expected: If applicable			
Attribute	Value	Description	
Code	DEDUCTION_EA		
Pos	N/A	N/A	
Value	Numeric -0.0	Send the artistic deduction for this apparatus	
Sub Element: Result /ExtendedResults /ExtendedResult /Extension Expected: If applicable			
Attribute	Value	Description	
Code	DEDUCTION_ET		
Pos	N/A	N/A	
Value	Numeric -0.00	Send the technique deduction for this apparatus	

Sample (Group)

```
<Result Rank="3" Result="35.708" ResultType="POINTS" SortOrder="5" >
  <ExtendedResults>
    <ExtendedResult Type="ER" Code="STAGE" Value="LAST" />
    <ExtendedResult Type="ER" Code="APPARATUS" Value="5_RIBBONS" />
    <ExtendedResult Type="ER" Code="ROTATION" Value="2" />
    <ExtendedResult Type="ER" Code="DIFF" Pos="2" Value="0.135" />
    <ExtendedResult Type="ER" Code="DIFF" Pos="3" Value="0.000" />
    <ExtendedResult Type="ER" Code="DIFF" Pos="8" Value="-" />
    <ExtendedResult Type="ER" Code="PREV_SCORE" Value="17.925" />
    <ExtendedResult Type="ER" Code="PREV_RANK" Value="2" />
    <ExtendedResult Type="ER" Code="5_RIBBONS" Value="17.783" ValueType="POINTS" Rank="1" >
      <Extension Code="DIFFICULTY" Value="8.950" />
      <Extension Code="DIFFICULTY_BODY" Value="4.950" />
      <Extension Code="DIFFICULTY_APPARATUS" Value="5.000" />
      <Extension Code="EXECUTION" Value="8.833" />
      <Extension Code="DEDUCTION_EA" Value="-0.5" />
      <Extension Code="DEDUCTION_ET" Value="-0.25" />
    </ExtendedResult>
  </ExtendedResults>
```

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

Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult (1,N)			
Team member's extended result (only used in the case of team[not group]).			
Type	Code	Pos	Description
ER	CC@Apparatus	N/A	Element Expected: When available
Attribute	M/O	Value	Description
Value	O	Numeric #0.000	Send the athlete score on the apparatus
ValueType	O	SC @ResultType	ValueType should be used to describe the type of data @Value
IRM	O	SC @IRM	Send appropriate IRM code if IRM at this ExtendedResult
Rank	O	Numeric #0	Send the rank of the competitor on the apparatus.
RankEqual	O	Y	Send Y where Rank at this specific ExtendResult is equalled else not sent.
Sub Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult /Extension			
Expected: When available			
Attribute	Value	Description	
Code	DIFFICULTY		
Pos	N/A	N/A	
Value	Numeric #0.000	Send the difficulty score for the competitor on this apparatus	
Sub Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult /Extension			
Expected: When available			
Attribute	Value	Description	
Code	DIFFICULTY_BODY		
Pos	N/A	N/A	
Value	Numeric #0.000	Send the difficulty body score for the competitor on this apparatus	
Sub Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult /Extension			
Expected: When available			
Attribute	Value	Description	
Code	DIFFICULTY_APPARATUS		
Pos	N/A	N/A	
Value	Numeric #0.000	Send the difficulty apparatus score for the competitor on this apparatus	

Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult (1,N) Team member's extended result (only used in the case of team[not group]).			
Type	Code	Pos	Description
Sub Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult /Extension Expected: When available			
Attribute	Value	Description	
Code	EXECUTION		
Pos	N/A	N/A	
Value	Numeric #0.000	Send the execution score for the competitor on this apparatus	
Sub Element: Result /Competitor /Composition /Athlete /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	
Sub Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult /Extension Expected: If applicable			
Attribute	Value	Description	
Code	PENALTY		
Pos	N/A	N/A	
Value	Numeric -0.000	Send the total Penalty for this apparatus	
Sub Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult /Extension Expected: If applicable			
Attribute	Value	Description	
Code	DEDUCTION_EA		
Pos	N/A	N/A	
Value	Numeric -0.0	Send the artistic deduction for this apparatus	
Sub Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult /Extension Expected: If applicable			
Attribute	Value	Description	
Code	DEDUCTION_ET		
Pos	N/A	N/A	
Value	Numeric -0.00	Send the technique deduction for this apparatus	

Sample (Team Member)

```
<Competitor Code="GRYWTEAM----NZL01" Type="A" Organisation="NZL">
  <Composition>
    <Athlete Code="2114821" Order="1" Bib="160">
      <ExtendedResults>
        <ExtendedResult Type="ER" Code="HOOP" Value="17.783" ValueType="POINTS" Rank="1" >
          <Extension Code="DIFFICULTY" Value="8.950" />
          <Extension Code="DIFFICULTY_BODY" Value="4.950" />
          <Extension Code="DIFFICULTY_APPARATUS" Value="5.000" />
          <Extension Code="EXECUTION" Value="8.833" />
          <Extension Code="DEDUCTION_EA" Value="-0.5" />
          <Extension Code="DEDUCTION_ET" Value="-0.25" />
        </ExtendedResult>
      </ExtendedResults>
    </Athlete>
  </Composition>
</Competitor>
```

2.2.4.5 Message Sort

Sort by Result @SortOrder.

2.2.5 Phase Results

2.2.5.1 Description

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

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

In this sport it is only used for individual apparatus qualification only if the phase exists over multiple sub divisions (as in Commonwealth Games).

2.2.5.2 Header Values

Attribute	Value	Comment
CompetitionCode	CC @Competition	Unique ID for competition
DocumentCode	Full RSC	Full RSC of the event
DocumentType	DT_PHASE_RESULT	Phase 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 the status of the results INTERMEDIATE (after each heat/semifinal except the last) UNOFFICIAL (if applicable after the last) OFFICIAL PROTESTED
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

- Send after every athlete completes a routine which affects the phase result as LIVE (during the subdivision)
- Send after every athlete completes a routine which affects the phase result as INTERMEDIATE (between subdivisions)
- UNOFFICIAL / OFFICIAL when all units are complete.
- Trigger also after any change.

2.2.5.4 Message Values

Element: ExtendedInfos /ExtendedInfo (0,N)			
Type	Code	Pos	Description
UI	LAST_UNIT	N/A	Element Expected: After at least one unit is complete.
	Attribute	M/O	Value
	Value	O	CC @Unit
			Description
			Full RSC of the most recent unit information included in the message

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	O	S(40)	Phase level short name (not code) from Common Codes
Gender	M	CC @DisciplineGender	Gender code for the event unit (M/W)

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: Result (1,N)			
Attribute	M/O	Value	Description
Rank	O	Text	Overall rank of the competitor in the phase. Competitors who are unable to be ranked due to not meeting rules will not have rank.
RankEqual	O	S(1)	Identifies if a rank has been equalled. Send Y if applicable else do not send
ResultType	O	SC @ResultType	Type of the @Result attribute
Result	O	Numeric ##0.000	Total points for the competitor in the phase. Only send in the case @ResultType is POINTS
IRM	O	SC @IRM	IRM for the result. Only send in the case @ResultType is IRM.
QualificationMark	O	SC @QualificationMark	The code which gives an indication on the qualification of the competitor for the next round of the competition
SortOrder	M	Numeric ##0	Used to sort all results in a phase, based on rank, but to break rank ties, etc. It is mainly used for display purposes. This attribute is a sequential number with the order of the results for the particular phase, if they were to be presented. It is mostly based on the rank, but it should be used to sort out rank ties as well as results without rank.

Element: Result /ExtendedResults /ExtendedResult (1,N)			
Type	Code	Pos	Description
ER	DIFFICULTY	N/A	Pos Description: N/A Element Expected: Always
Attribute	M/O	Value	Description
Value	M	Numeric #0.000	Send the difficulty score for the athlete.
Sub Element: Result /ExtendedResults /ExtendedResult /Extension Expected: When available			
Attribute	Value	Description	
Code	DIFFICULTY_BODY		
Pos	N/A	N/A	
Value	Numeric #0.000	Send the difficulty body score for the competitor on this apparatus	
Sub Element: Result /ExtendedResults /ExtendedResult /Extension Expected: When available			
Attribute	Value	Description	
Code	DIFFICULTY_APPARATUS		
Pos	N/A	N/A	
Value	Numeric #0.000	Send the difficulty apparatus score for the competitor on this apparatus	
ER	EXECUTION	N/A	Pos Description: N/A Element Expected: Always
Attribute	M/O	Value	Description
Value	M	Numeric #0.000	Send the execution score for the athlete.
ER	PENALTY	N/A	Pos Description: N/A Element Expected: Only if a penalty is given (not 0)
Attribute	M/O	Value	Description
Value	M	Numeric -0.000	Send the total Penalty for this apparatus
ER	INQUIRY	N/A	Pos Description: N/A Element 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
ER	DEDUCTION_EA	N/A	Pos Description: N/A Element Expected: If applicable

Element: Result /ExtendedResults /ExtendedResult (1,N)				
Type	Code	Pos	Description	
Attribute	M/O	Value	Description	
Value	M	Numeric -0.0	Send the artistic deduction for this apparatus	
ER	DEDUCTION_ET		Pos	Description: N/A Element Expected: If applicable
Attribute	M/O	Value	Description	
Value	M	Numeric -0.00	Send the technique deduction for this apparatus	

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
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	Athlete's ID, corresponding to either a team member or a single athlete
Order	M	Numeric	1 for 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

2.2.5.5 Message Sort

Sort by Result @SortOrder.



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2.2.6 Cumulative Results

2.2.6.1 Description

The Cumulative Results is a message containing the cumulative results for the competitors in a group of units.

Following behavior is for competitions with subdivisions (non-Olympic events):

As soon as a competitor is included in the message, all apparatuses the competitor may compete on should be listed. Apparatuses where the competitor has not competed yet should be exported with `ValueType:SC@ResultType:NO_SCORE`. Once a result is obtained on the apparatus, the `ValueType`, `Value`, `Rank`, etc. should be updated accordingly. It is essential to understand that competitors who have not performed on any apparatus yet will NOT be listed in the message. Thus, all competitors in the message will always have at least one `ExtendedResult Code=CC@Apparatus` with `ValueType` different from `SC@ResultType:NO_SCORE`.

Competitors are included in Cumulative Result messages only as soon as they have obtained a result in the current subdivision.

Upon rotation change, two different cases are highlighted:

- Competitors who, by choice or otherwise, have not obtained a result - valid or invalid - in the previous rotation (before rotation change), and therefore cannot be ranked in the All-Around at all in the future, will be entirely removed from the message.
- Competitors who have completed all apparatuses so far, except for the result to be obtained in the new rotation, are included - without rank - at the end of the message. As the new rotation progresses, the competitors obtaining results are progressively reinstated in the ranked results.

Competitors who, on the other hand, do not obtain a result in the new rotation will, at the end of the rotation, fall into the first case and be removed from the message.

At the end of the subdivision, because competitors will not be given any new chance of obtaining sufficient results to be included in the All-Around ranking, competitors falling into either of these cases are entirely removed from the message, not to return. This change should arise as soon as possible, but at the very least as soon as the subdivision result status is UNOFFICIAL.

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	Full RSC of the event
DocumentType	DT_CUMULATIVE_RESULT	Cumulative Results message
DocumentSubtype	Not used	Not used

Attribute	Value	Comment
Version	1..V	Version number associated to the message's content. Ascendant number
ResultStatus	SC @ResultStatus	It indicates the status of the results LIVE INTERMEDIATE UNCONFIRMED OFFICIAL UNOFFICIAL PROTESTED
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.

2.2.6.3 Trigger and Frequency

Send:

- after every athlete completes a routine as LIVE;
- after every rotation except the last as INTERMEDIATE;
- at the end of each rotation (except last rotation) send for next rotations as INTERMEDIATE;
- when all units are complete as UNOFFICIAL / OFFICIAL when applicable.
- Any other changes in data

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	O	CC @Unit	Send the full RSC of the most recently completed unit or current unit if in progress included in the message.
UI	SUBDIVISION	N/A	Element Expected: Always if there are subdivisions	
	Attribute	M/O	Value	Description
	Value	M	Numeric 0	Send the current (if LIVE) or the last finished subdivision (if not LIVE)
UI	ROTATION	N/A	Element Expected: Always	
	Attribute	M/O	Value	Description
	Value	M	Numeric 0	Send the current (if LIVE) or the last finished rotation (if not LIVE)
UI	LAST_QUAL	Numeric #0	Pos Description: Send the rank of the competitor Element 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

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

Element: ExtendedInfos /VenueDescription (0,1)			
Venue Names in Text. DO NOT INCLUDE unless all at single venue.			
Attribute	M/O	Value	Description
Venue	M	CC @VenueCode	Venue Code
VenueName	M	S(25)	Venue short name (not code) from Common Codes

Element: Result (1,N)			
For any cumulative results message, there should be at least one competitor being awarded a cumulative result after one event unit or phase.			
Attribute	M/O	Value	Description
Rank	O	S(2)	Rank of the competitor in the cumulative result. This attribute is optional because the competitor could get an invalid rank mark.
RankEqual	O	S(1)	Identifies if a rank has been equalled. Only send if applicable, in that case send "Y".
ResultType	O	SC @ResultType	Type of the @Result attribute
Result	O	Numeric #0.000	Cumulative result Send just in the case @ResultType is POINTS
IRM	O	SC @IRM	The invalid rank mark for the cumulative result, in case it is assigned.
QualificationMark	O	SC @QualificationMark	The code which gives an indication on the qualification of the competitor for the next round of the competition
SortOrder	M	Numeric	This attribute is a sequential number with the order of the results for the cumulative result, if they were to be presented. It is mostly based on the rank, but it should be used to sort out rank ties as well as results without rank.

Element: Result /ExtendedResults /ExtendedResult (1,N)				
Type	Code	Pos	Description	
ER	CC @Apparatus	Numeric 0	Pos Description: Send apparatus number (as ordered) Element Expected: When available	
	Attribute	M/O	Value	Description
	Value	O	Numeric #0.000	Send the competitor score on the apparatus
	ValueType	O	SC @ResultType	ValueType should be used to describe the type of data @Value
	IRM	O	SC @IRM	Send appropriate IRM code if IRM at this ExtendedResult
	Rank	O	S(2)	Send the rank of the competitor on the apparatus
	RankEqual	O	Y	Send Y where Rank at this specific ExtendResult is equalled else not sent.
	SortOrder	O	Numeric #0	Similar to rank but considering all competitors (those with IRM or no rank at this ExtendedResult)

Element: Result /ExtendedResults /ExtendedResult (1,N)			
Type	Code	Pos	Description
Sub Element: Result /ExtendedResults /ExtendedResult /Extension			
Expected: When available			
Attribute	Value	Description	
Code	DIFFICULTY		
Pos	N/A	N/A	
Value	Numeric #0.000	Send the difficulty score for the competitor on the apparatus	
Sub Element: Result /ExtendedResults /ExtendedResult /Extension			
Expected: When available			
Attribute	Value	Description	
Code	DIFFICULTY_BODY		
Pos	N/A	N/A	
Value	Numeric #0.000	Send the difficulty body score for the competitor on this apparatus	
Sub Element: Result /ExtendedResults /ExtendedResult /Extension			
Expected: When available			
Attribute	Value	Description	
Code	DIFFICULTY_APPARATUS		
Pos	N/A	N/A	
Value	Numeric #0.000	Send the difficulty apparatus score for the competitor on this apparatus	
Sub Element: Result /ExtendedResults /ExtendedResult /Extension			
Expected: When available			
Attribute	Value	Description	
Code	EXECUTION		
Pos	N/A	N/A	
Value	Numeric #0.000	Send the execution score for the competitor on the apparatus	
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	PENALTY		
Pos	N/A	N/A	
Value	Numeric -0.000	Send any penalty the competitor received	
Sub Element: Result /ExtendedResults /ExtendedResult /Extension			
Expected: If applicable			
Attribute	Value	Description	
Code	DEDUCTION_EA		
Pos	N/A	N/A	
Value	Numeric -0.0	Send the artistic deduction for this apparatus	
Sub Element: Result /ExtendedResults /ExtendedResult /Extension			
Expected: If applicable			
Attribute	Value	Description	
Code	DEDUCTION_ET		
Pos	N/A	N/A	
Value	Numeric -0.00	Send the technique deduction for this apparatus	

Sample

```
<Result Rank="1" ResultType="POINTS" Result="35.708" SortOrder="1" QualificationMark="Q" >
  <ExtendedResults>
    <ExtendedResult Type="ER" Code="5_RIBBONS" Pos="1" Value="17.783" ValueType="POINTS" Rank="1" >
      <Extension Code="DIFFICULTY" Value="8.950" />
      <Extension Code="DIFFICULTY_BODY" Value="4.950" />
      <Extension Code="DIFFICULTY_APPARATUS" Value="5.000" />
      <Extension Code="EXECUTION" Value="8.833" />
      <Extension Code="DEDUCTION_EA" Value="-0.5" />
      <Extension Code="DEDUCTION_ET" Value="-0.25" />
    </ExtendedResult>
    <ExtendedResult Type="ER" Code="3_CLUBS_2_HOOPS" Pos="2" Value="17.925" ValueType="POINTS"
Rank="1" >
      <Extension Code="DIFFICULTY" Value="9.125" />
      <Extension Code="DIFFICULTY_BODY" Value="4.950" />
      <Extension Code="DIFFICULTY_APPARATUS" Value="5.000" />
      <Extension Code="EXECUTION" Value="8.800" />
      <Extension Code="DEDUCTION_EA" Value="-0.5" />
      <Extension Code="DEDUCTION_ET" Value="-0.25" />
    </ExtendedResult>
  </ExtendedResults>
```

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 or T for Team
Bib	O	S(4)	Bib number
Organisation	M	CC @Organisation	Competitor's organisation

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

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".
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

Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult (1,N)				
Team member's extended result, only used in the case of teams (not groups)				
Type	Code	Pos	Description	
ER	CC @Apparatus	Numeric 0	Pos Description: Send apparatus number (as ordered) Element Expected: When available	
	Attribute	M/O	Value	Description
	Value	O	Numeric #0.000	Send the competitor score on the apparatus
	ValueType	O	SC @ResultType	ValueType should be used to describe the type of data @Value
	IRM	O	SC @IRM	Send appropriate IRM code if IRM at this ExtendedResult
	Rank	O	S(2)	Send the rank of the competitor on the apparatus
	RankEqual	O	Y	Send Y where Rank at this specific ExtendResult is equalled else not sent.
	SortOrder	O	Numeric #0	Similar to rank but considering all competitors (those with IRM or no rank at this ExtendedResult)
Sub Element Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult /Extension				
Expected: When available				
	Attribute	Value	Description	
	Code	DIFFICULTY		
	Pos	N/A	N/A	
	Value	Numeric #0.000	Send the difficulty score for the competitor on the apparatus	
Sub Element Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult /Extension				
Expected: When available				
	Attribute	Value	Description	

Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult (1,N)			
Team member's extended result, only used in the case of teams (not groups)			
Type	Code	Pos	Description
Code	DISCARDED		
Pos	N/A	N/A	
Value	S(1)		Send Y if the score is discarded else not sent.
Sub Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult /Extension			
Expected: When available			
Attribute	Value	Description	
Code	DIFFICULTY_BODY		
Pos	N/A	N/A	
Value	Numeric #0.000	Send the difficulty body score for the competitor on this apparatus	
Sub Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult /Extension			
Expected: When available			
Attribute	Value	Description	
Code	DIFFICULTY_APPARATUS		
Pos	N/A	N/A	
Value	Numeric #0.000	Send the difficulty apparatus score for the competitor on this apparatus	
Sub Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult /Extension			
Expected: When available			
Attribute	Value	Description	
Code	EXECUTION		
Pos	N/A	N/A	
Value	Numeric #0.000	Send the execution score for the competitor on the apparatus	
Sub Element: Result /Competitor /Composition /Athlete /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	
Sub Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult /Extension			
Expected: If applicable			
Attribute	Value	Description	
Code	PENALTY		

Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult (1,N)			
Team member's extended result, only used in the case of teams (not groups)			
Type	Code	Pos	Description
Pos	N/A	N/A	
Value	Numeric -0.000		Send any penalty the competitor received
Sub Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult /Extension Expected: If applicable			
Attribute	Value	Description	
Code	DEDUCTION_EA		
Pos	N/A	N/A	
Value	Numeric -0.0	Send the artistic deduction for this apparatus	
Sub Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult /Extension Expected: If applicable			
Attribute	Value	Description	
Code	DEDUCTION_ET		
Pos	N/A	N/A	
Value	Numeric -0.00	Send the technique deduction for this apparatus	

Sample (Teams only)

```

<Competitor Code="2114821" Type="A" Bib="160" Organisation="NZL">
  <Composition>
    <Athlete Code="2114821" Order="1" Bib="160">
      <Description FamilyName="Smith" GivenName="Jane" Gender="W" Organisation="NZL" IFid="1345018"
      BirthDate="1994-11-04" />
      <ExtendedResults>
        <ExtendedResult Type="ER" Pos="1" Code="HOOP" Value="18.300" ValueType="POINTS"
        Rank="3" >
          <Extension Code="DIFFICULTY" Value="9.100" />
          <Extension Code="EXECUTION" Value="9.200" />
          <Extension Code="DEDUCTION_EA" Value="-0.5" />
          <Extension Code="DEDUCTION_ET" Value="-0.25" />
        </ExtendedResult>
        <ExtendedResult Type="ER" Pos="2" Code="BALL" Value="18.333" ValueType="POINTS" Rank="4" >
          <Extension Code="DIFFICULTY" Value="9.200" />
          <Extension Code="EXECUTION" Value="9.133" />
          <Extension Code="DEDUCTION_EA" Value="-0.5" />
          <Extension Code="DEDUCTION_ET" Value="-0.25" />
        </ExtendedResult>
        <ExtendedResult Type="ER" Pos="3" Code="CLUBS" ValueType="NO_SCORE" />
        <ExtendedResult Type="ER" Pos="4" Code="RIBBON" ValueType="NO_SCORE" />
      </ExtendedResults>
    </Athlete>
  </Composition>
</Competitor>

```

2.2.6.5 Message Sort

Sort by Result @SortOrder then Result /ResultItems /ResultItem /Result @SortOrder
 Ranked competitors at the top followed by unranked (IRM) competitors.

2.2.7 Event Final Ranking

2.2.7.1 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.

2.2.7.2 Header Values

The following table describes the message header attributes.

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

2.2.7.3 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.

2.2.7.4 Message Values

Element: ExtendedInfos /SportDescription (0,1)			
Sport Description in text			
Attribute	M/O	Value	Description
DisciplineName	M	S(40)	Discipline name (not code) from Common Codes
EventName	M	S(40)	Event name (not code) from Common Codes. 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
Result	O	Numeric ##0.000	Score. Only include the result if the competitor was in the final.
ResultType	M	SC @ResultType	Type of the @Result attribute.
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 or 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 / groups.

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)			
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="116.900" 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>
```

2.2.7.5 Message Sort

Sort by Result @SortOrder

2.2.8 Configuration

2.2.8.1 Description

The Configuration is a message containing general configuration.

Send before the competition for each phase in separate messages.

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	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.

2.2.8.3 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 particular unit must be provided before the start list.

2.2.8.4 Message Values

Element: Configs /Config (1,N)				
Attribute	M/O	Value	Description	
Unit	M	CC @Phase	Full RSC of the Phase	
Element: Configs /Config /ExtendedConfig (1,N)				
Type	Code	Pos	Description	
EC	SUBDIV_NUM (by phase)	N/A	Element Expected: Always	
	Attribute	M/O	Value	Description
	Value	M	Numeric #0	Total number of subdivisions in the phase
EC	COMPETITOR_SET_NUM	N/A	Element Expected: Always	
	Attribute	M/O	Value	Description
	Value	M	Numeric #0	Number of different subdivision compositions in the phase
EC	APP_NUM (by phase)	Numeric #0	Pos Description: Send the subdivision number, one for each subdivision	
	Attribute	M/O	Value	Description
	Value	O	Numeric #0	Number of apparatuses in the @Pos subdivision in this phase
EC	FROM_RANK (by phase)	N/A	N/A	
	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

Element: Configs /Config /ExtendedConfig (1,N)				
Type	Code	Pos	Description	
EC	TO_RANK (by phase)	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
EC	QUAL_RESERVES (by phase)	N/A	Element Expected: Only in phases where qualification applies	
	Attribute	M/O	Value	Description
	Value	M	Numeric #0	Number of qualification reserves
EC	QUAL_RULE (by phase)	N/A	Element 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
EC	INTEGRATED	N/A	Element Expected: Always	
	Attribute	M/O	Value	Description
	Value	M	S(1)	Send Y if this phase is integrated with other events at the same time. If this phase is stand-alone send N.

Sample

```
<Configs>
  <Config Unit="GRYW1AA-----QUAL-----">
    <ExtendedConfig Type="EC" Code="SUBDIV_NUM" Value="1" />
    <ExtendedConfig Type="EC" Code="COMPETITOR_SET_NUM" Value="1" />
    <ExtendedConfig Type="EC" Code="APP_NUM" Pos="1" Value="4" />
    <ExtendedConfig Type="EC" Code="FROM_RANK" Value="1" />
    <ExtendedConfig Type="EC" Code="TO_RANK" Value="10" />
    <ExtendedConfig Type="EC" Code="QUAL_RESERVES" Value="2" />
    <ExtendedConfig Type="EC" Code="QUAL_RULE" Value="Top 10 ranked gymnasts qualify for the final" />
    <ExtendedConfig Type="EC" Code="INTEGRATED" Value="N" />
  </Config>
</Configs>
```

2.2.8.5 Message Sort

There is no message sorting rule.

3 Document Control

Version history		
Version	Date	Comments
v1.0	2 March 2017	First version
V1.1	17 May 2017	Updated
V1.2	1 August 2017	Approved
V1.3	25 August 2017	Updated
V1.4	27 January 2018	Updated with rule change
V1.5	6 March 2018	Updated

File Reference: ODF R-SOG-2020-GRY V1.5 APP

Change Log		
Version	Status	Changes on version
v1.0	SFR	First version
V1.1	SFA	Updated with SwissTiming feedback (new deductions)
V1.2	APP	Change to APP
V1.3	APP	Updated DT_CONFIG to send at phase level Added DT_PHASE_RESULT (only for Commonwealth Games)
V1.4	APP	DT_RESULT: Add apparatus and body difficulty DT_CURRENT: Add apparatus and body difficulty DT_PHASE_RESULT: Add apparatus and body difficulty DT_CUMULATIVE_RESULT: Add apparatus and body difficulty
V1.5	APP	DT_CUMULATIVE: Added discarded