



Olympic Data Feed



Artistic Gymnastics ODF Data Dictionary

Technology and Information Department
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1 Introduction

1.1 This document

This document includes the ODF Artistic Gymnastics Data Dictionary. This Data Dictionary refines the messages described in the ODF General Messages Interface Document specifically for this discipline.

1.2 Objective

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

1.3 Main Audience

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

1.4 Glossary

The following abbreviations are used in this document.

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

1.5 Related Documents

Document Title	Document Description
ODF Foundation Principles	The document explains the environment & general principles for ODF
ODF General Messages Interface	The document describes the ODF General Messages
Common Codes	The document describes the ODF Common codes
ODF Header Values	The document details the header values which shows which RSCs are used in which messages.
ORIS Sports Document	The document details the sport specific requirements



2 Messages

2.1 Artistic Gymnastics Overview

Summary of Messages in this Discipline

QUALIFICATION

* DT_RESULT is sent for every apparatus in every subdivision which is the start list & result for that apparatus & subdivision only. (All rotations together). This message will not include rank as the rank has no meaning. Every subdivision has its own DT_RESULT per apparatus. For all-around & team the DocumentSubcode is used to distinguish the individual apparatus.

* DT_CURRENT is sent for every apparatus and includes last scored, current & next with individual ranks. This provides details for the previous/current/next gymnasts by apparatus.

For all-around

* One DT_CUMULATIVE_RESULT is sent including all apparatus in all subdivisions. This is the all-around cumulative ranking. Updated after every routine. Include all athletes & all scores details (difficulty, execution and penalties). This is the only message needed to see all of the all-around details. Essentially the same data as in C73G and C73H.

For teams

* One DT_CUMULATIVE_RESULT is sent including all apparatus in all subdivisions. This is the all-around cumulative ranking. Updated after every routine of a team member. Only include complete teams with all scores details (difficulty, execution and penalties). This is the only message needed to render teams results. Essentially the same data as in ORIS C73C and C73D.

For apparatus

* One DT_PHASE_RESULT is sent including all subdivisions. This is the ranking for the individual apparatus. Updated after every routine. Only include eligible athletes (two vaults etc.) with all scores details (difficulty, execution and penalties), this is the only message needed to see all details of apparatus results. Essentially the same data as in ORIS C73I and C73J.

ALL-AROUND FINAL

* One DT_RESULT is sent for every apparatus which is the start list & result for that apparatus. (All rotations together). This message will not include rank as the rank has no meaning.

* As for qualification, one DT_CUMULATIVE_RESULT is sent including all apparatus. This is the all-around cumulative ranking. Updated after every routine with all scores details. This is all that is needed to render the results. (exactly the same concept/message as in qualification)

* DT_CURRENT sent for every apparatus and includes last scored, current and next with overall ranks etc. This provides details for the previous/current/next gymnasts by apparatus.

TEAM FINAL

* One DT_RESULT is sent for every apparatus which is the start list & result for that apparatus. (All rotations together). This message will not include rank as the rank has no meaning.

* As for qualification, one DT_CUMULATIVE_RESULT is sent including all apparatus. This is the all-around cumulative ranking. Updated after every routine with all scores details. This is all that is needed to render the results. (exactly the same concept/message as in qualification)

* DT_CURRENT is sent for every apparatus and includes last scored, current and next with overall ranks etc. This provides details for the previous/current/next gymnasts by apparatus.



APPARATUS FINALS

- * Only DT_RESULT, one for each apparatus, includes all scores details and rank.
- * DT_CURRENT is sent for every apparatus and includes last scored, current and next with overall ranks etc. This provides details for the previous/current/next gymnasts by apparatus.

SCHEDULE

- * The schedule in the qualification phase is at subdivision level and is not related to the results units.
- * In the apparatus finals each event (unit) is scheduled and sent with schedule=Y
- * In the team final the schedule is for the overall final (schedule=Y) which is equivalent to the cumulative result for the final.
- * In the all-around final the schedule is for the overall final (schedule=Y) which is equivalent to the cumulative result for the final.

ENTRIES

- * The initial entries in this discipline are all a gender level (men or women). In updates after the initial download the detail of the events (all-around etc.) is added.

2.2 Applicable Messages

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

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

Message Type	Message Name	Message\nextended
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_PARTIC_TEAMS DT_PARTIC_TEAMS_UPDATE	/ List of teams / List of teams update	X
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_MEDALLISTS	Event's Medallists	
DT_MEDALLISTS_DISCIPLINE	Medallists by discipline	
DT_MEDALS	Medal standings	
DT_CONFIG	Configuration	X



DT_COMMUNICATION	Communication	
DT_PRESENTER	Medal Presenters	
DT_LOCAL_ON	Discipline/venue start transmission	
DT_LOCAL_OFF	Discipline/venue stop transmission	
DT_KA	Keep Alive	
DT_ALERT	Alert	
DT_BCK	Background Document	
DT_BIO_PAR	Participant Biography	
DT_BIO_TEA	Team Biography	
DT_NEWS	News Document	
DT_ESL	Extended Start List	
DT_PIC	Pictures	
DT_PDF	PDF Message	



2.3 Messages

2.3.1 List of participants by discipline / List of participants by discipline update

2.3.1.1 Description

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

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

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.

2.3.1.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC @Competition	Unique ID for competition
DocumentCode	CC @Discipline	Full RSC at the discipline level
DocumentType	DT_PARTIC DT_PARTIC_UPDATE	/ List of participants by discipline message
DocumentSubtype	S(20)	HISTORICAL if the message is from the historical results provider and only includes historic athletes else the attribute is not included. Never included in _UPDATE message.
Version	1..V	Version number associated to the message's content. Ascending number
FeedFlag	"P" - Production "T" - Test	Test message or production message.
Date	Date	Date when the message is generated, expressed in the local time zone where the message was produced.
Time	Time	Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced.



LogicalDate	Date	Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight. See full explanation in ODF Foundation.
Source	SC @Source	Code indicating the system which generated the message.

2.3.1.3 Trigger and Frequency

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

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

2.3.1.4 Message Structure

The following table defines the structure of the message.

Level 1	Level 2	Level 3	Level 4	Level 5
Competition (0.1)	Gen Sport Codes			
	Participant (1.N)	Code Parent Status GivenName FamilyName PassportGivenName PassportFamilyName PrintName PrintInitialName TVName TVInitialName TVFamilyName LocalFamilyName LocalGivenName Gender Organisation BirthDate PlaceofBirth CountryofBirth PlaceofResidence		



CountryofResidence	
Nationality	
MainFunctionId	
Current	
OlympicSolidarity	
ModificationIndicator	
Discipline (1,1)	
	Code
	IFId
	RegisteredEvent (0,N)
	Event

2.3.1.5 Message Values

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

Sample (General)

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

Element: Competition /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	Participant's parent ID, which is used to link to the latest valid information for one participant. @Parent attribute should be



			<p>linked to the latest participant's information, by retrieving that Athlete/Official whose @Code attribute is the same as @Parent.</p> <p>The participant containing @Code attribute being the same as the @Parent attribute will be the one with the latest information for the participant.</p> <p>The @Parent attribute will only be different from @Code in the case that critical personal information has changed from previous competitions. The typical examples are Organisation (for change of country) or Name (particularly for women changing their name at marriage). Further to be clear, @Parent and @Code can only be different if Current = "false".</p>
Status	O	CC @ParticStatus	<p>Participant's accreditation status this attribute is Mandatory in the case of @Current="true" and it is optional in the case that @Current="false".</p> <p>To delete a participant, a specific value of the Status attribute is used.</p>
GivenName	O	S(25)	Given name in WNPA format (mixed case)
FamilyName	M	S(25)	Family name in WNPA format (mixed case)
PassportGivenName	O	S(25)	Passport Given Name (Uppercase).
PassportFamilyName	O	S(25)	Passport Family Name (Uppercase).
PrintName	M	S(35)	Print name (family name in upper case + given name in mixed case)
PrintInitialName	M	S(18)	Print Initial name (for the given name it is sent just the initial, without dot)
TVName	M	S(35)	TV name
TVInitialName	M	S(18)	TV initial name
TVFamilyName	M	S(25)	TV family name
LocalFamilyName	O	S(25)	Family name in the local language in the appropriate case for the local language (usually mixed case)
LocalGivenName	O	S(25)	Given name in the local language in the appropriate case for the local language (usually mixed case)
Gender	M	CC @PersonGender	Participant's gender
Organisation	M	CC @Organisation	Organisation ID
BirthDate	O	YYYY-MM-DD	Date of birth. Expected for athletes, not expected for all groups of officials.
PlaceofBirth	O	S(75)	Place of Birth
CountryofBirth	O	CC @Country	Country ID of Birth
PlaceofResidence	O	S(75)	Place of Residence
CountryofResidence	O	CC @Country	Country ID of Residence
Nationality	O	CC @Country	Participant's nationality. Although this attribute is optional, in very exceptional situations it will not be known, and for this reason not ready to be sent.
MainFunctionId	O	CC @ResultsFunction	Main function In the Case of Current="true" this attribute is Mandatory.



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

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

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

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

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

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

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

2.3.1.6 Message Sort

The message is sorted by Participant @Code



2.3.2 List of teams / List of teams update

2.3.2.1 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.

2.3.2.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC @Competition	Unique ID for competition
DocumentCode	CC @Discipline	Full RSC at the discipline level
DocumentType	DT_PARTIC_TEAMS / DT_PARTIC_TEAMS_UPDATE	List of participant teams message
DocumentSubtype	S(20)	HISTORICAL if the message is from the historical results provider and only includes historic teams else the attribute is not included. Never included in _UPDATE message.
Version	1..V	Version number associated to the message's content. Ascending number
FeedFlag	"P" - Production "T" - Test	Test message or production message.
Date	Date	Date when the message is generated, expressed in the local time zone where the message was produced.
Time	Time	Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced.
LogicalDate	Date	Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight. See full explanation in ODF Foundation.
Source	SC @Source	Code indicating the system which generated the message.

2.3.2.3 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.

2.3.2.4 Message Structure

The following table defines the structure of the message.



Level 1	Level 2	Level 3	Level 4	Level 5
Competition (0,1)	Gen Sport Codes			
	Team (1,N)	Code Organisation Number Name ShortName TVTeamName Gender Current TeamType ModificationIndicator		
		Composition (0,1)	Athlete (0,N)	Code Order
		Discipline (0,1)	Code RegisteredEvent (0,1)	Event

2.3.2.5 Message Values

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

Element: Competition /Team (1,N)			
Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Team's ID
Organisation	M	CC @Organisation	Team organisation's ID
Number	O	Numeric #0	Team number. Always 1 in artistic gymnastics.



Name	M	S(73)	Team's name
ShortName	M	S(40)	Team Short Name
TVTeamName	M	S(21)	TV Team Name
Gender	M	CC @SportGender	Gender Code of the Team
Current	M	boolean	It defines if a team is participating in the games (true) or it is a Historical team (false)
TeamType	M	SC @TeamType	Send the team type. This is how the name is constructed to allow clients to build in other languages. Use ORG.
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: Competition /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: Competition /Team /Discipline (0,1)

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

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

Element: Competition /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

2.3.2.6 Message Sort

The message is sorted by Team @Code.



2.3.3 Event Unit Start List and Results

2.3.3.1 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.

The DocumentCode attribute in the ODF header will be sent according for all the competition events to the ODF Common Codes document (header values). In principle there will be one message for each apparatus in each subdivision hence each message includes only one apparatus however in some competitions (teams & all-around) competition DocumentSubcode is used to provide individual apparatus results as well.

In Qualification there will be also one message for each apparatus in each rotation for Team and All-Around, with DocumentSubcode attribute with SC @Apparatus in the ODF header.

2.3.3.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC @Competition	Unique ID for competition
DocumentCode	CC @Unit	Full RSC of the unit
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	N/A	N/A
Version	1..V	Version number associated to the message's content. Ascending number
ResultStatus	CC @ResultStatus	It indicates whether the result is official or unofficial (or intermediate etc). START_LIST 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.
LogicalDate	Date	Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight. See full explanation in ODF Foundation.
Source	SC @Source	Code indicating the system which generated the message.



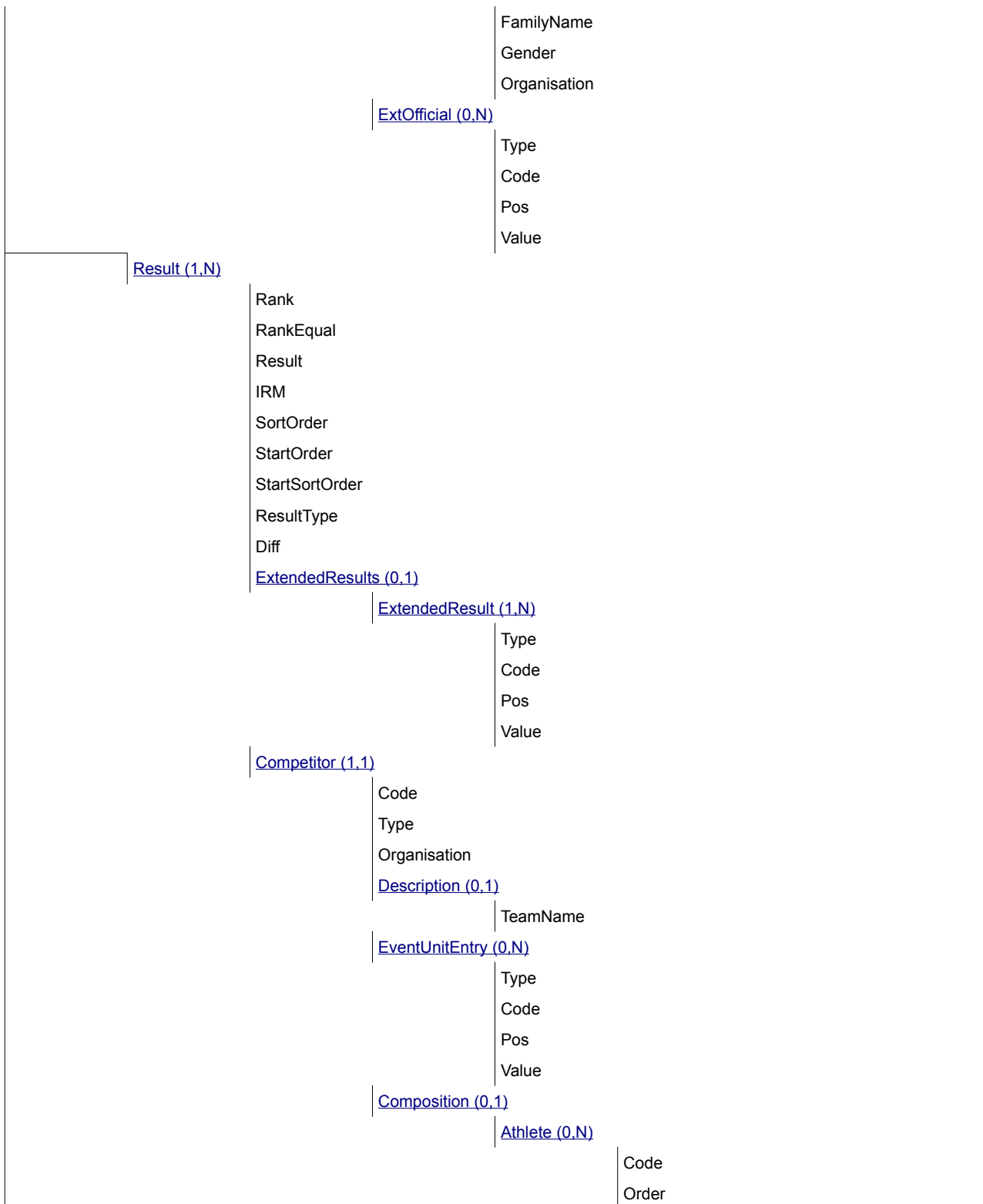
2.3.3.3 Trigger and Frequency

- * "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.

2.3.3.4 Message Structure

The following table defines the structure of the message.

Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	Level 8	
Competition (0.1)								
	Gen							
	Sport							
	Codes							
	ExtendedInfos (0.1)							
		UnitDateTime (0.1)						
			StartDate					
		ExtendedInfo (0.N)						
			Type					
			Code					
			Pos					
			Value					
		Extension (0.N)						
		SportDescription (0.1)						
			DisciplineName					
			EventName					
			Gender					
			SubEventName					
		VenueDescription (0.1)						
			Venue					
			VenueName					
			Location					
			LocationName					
	Officials (0.1)							
		Official (1.N)						
			Code					
			Function					
			Order					
			Description (1.1)					
							GivenName	





StartOrder		
StartSortOrder		
Bib		
Description (1,1)		
	GivenName	
	FamilyName	
	Gender	
	Organisation	
	BirthDate	
	IFld	
EventUnitEntry (0,N)		
	Type	
	Code	
	Pos	
	Value	
ExtendedResults (0,1)		
	ExtendedResult (1,N)	
		Type
		Code
		Pos
		Value

2.3.3.5 Message Values

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

Element: Competition /ExtendedInfos /UnitDateTime (0,1)			
Actual times. Include when the unit starts.			
Attribute	M/O	Value	Description
StartDate	M	DateTime	Actual start date and time.

Element: Competition /ExtendedInfos /ExtendedInfo (0,N)			
Type	Code	Pos	Description
UI	SUBDIVISION	N/A	Element Expected: Always if there are subdivisions



	Attribute	M/O	Value	Description
	Value	M	Numeric 0	Send the current or the last finished subdivision (if there is no current subdivision)
UI		ROTATION	N/A	Element Expected: Always
	Attribute	M/O	Value	Description
	Value	M	Numeric 0	Send the current or the last finished rotation (if there is no current rotation)
UI		STARTERS	N/A	Element Expected: When available if there is a single rotation.
	Attribute	M/O	Value	Description
	Value	M	Numeric ##0	Send the number of competitors on the start list
Sub Element: Competition /ExtendedInfos /ExtendedInfo /Extension Expected 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 (General)

```
<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: Competition /ExtendedInfos /SportDescription (0,1)

Sport Descriptions in Text.

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

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

Venue Names in Text.

Attribute	M/O	Value	Description
Venue	M	CC @VenueCode	Venue Code
VenueName	M	S(25)	Venue ENG Description (not code) from Common Codes
Location	M	CC @Location	Location code



LocationName	M	S(30)	Location ENG Description (not code) from Common Codes
--------------	---	-------	---

Element: Competition /Officials /Official (1,N)			
Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Official's code
Function	M	CC @ResultsFunction	Official's function (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: Competition /Officials /Official /Description (1,1)			
Officials extended information.			
Attribute	M/O	Value	Description
GivenName	O	S(25)	Given name in WNPA format (mixed case)
FamilyName	M	S(25)	Family name in WNPA format (mixed case)
Gender	M	CC @PersonGender	Gender of the official
Organisation	M	CC @Organisation	Official's organisation

Element: Competition /Officials /Official /ExtOfficial (0,N)				
Type	Code	Pos	Description	
EO	APPARATUS	N/A	Element Expected: When the official is assigned to an apparatus or a reserve	
	Attribute	M/O	Value	Description
	Value	M	SC @Apparatus or S(7)	Send the proposed code or "RESERVE" if the judge is a reserve.
EO	JURY_TYPE	N/A	Element Expected: Always	
	Attribute	M/O	Value	Description
	Value	M	SC @JuryType	Send proposed code

Sample (General)



```

<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_V" 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="VT" />
    <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="VT" />
    <ExtOfficial Type="EO" Code="JURY_TYPE" Value="JUDGE" />
  </Official>
  ...
</Officials>

```

Element: Competition /Result (1,N)

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

Attribute	M/O	Value	Description
Rank	O	Numeric #0	Rank of the competitor in the corresponding event unit. Rank is only sent in units which include all athletes in the event. This is usually only apparatus finals.
RankEqual	O	Y	Identifies if a rank has been equalled. Only send if applicable
Result	O	Numeric #0.000	Score
IRM	O	SC @IRM	IRM for the particular event unit. Send in the case @ResultType is IRM.
SortOrder	M	Numeric	Send the order of the competitor by rotation then competition order. In the case of apparatus finals this will change to rank order when rank is known for each competitor. For 1 to n for all competitors in the unit.
StartOrder	M	Numeric	Send the start order for the rotation, 1 to n.
StartSortOrder	M	Numeric	Send the order of competitor within the subdivision, 1 to n.
ResultType	O	SC @ResultType	ResultType is used to describe the type of data @Value, use "NO_SCORE" before the participant has a result.
Diff	O	Numeric #0.000	Points behind leader. Send 0.000 for the leader. Only included when Rank is included.

Element: Competition /Result /ExtendedResults /ExtendedResult (1,N)

Type	Code	Pos	Description
ER	SCORE	Numeric 0	Pos Description: Send 1 or 2 in case of vault where two vaults count.



				Element Expected: Only in the case of Vault in Individual Apparatus Qualifications and Finals.
	Attribute	M/O	Value	Description
	Value	M	Numeric #0.000	In vault, send the score for each vault.
ER		DIFFICULTY	Numeric 0	Pos Description: Do not send except in vault when vault number is sent (1 or 2) Element Expected: Always
	Attribute	M/O	Value	Description
	Value	M	Numeric #0.000	Send the difficulty score for the athlete.
ER		EXECUTION	Numeric 0	Pos Description: Do not send except in vault when vault number is sent (1 or 2) Element Expected: Always
	Attribute	M/O	Value	Description
	Value	M	Numeric #0.000	Send the execution score for the athlete.
ER		PENALTY	Numeric 0	Pos Description: Do not send except in vault when vault number is sent (1 or 2) Element Expected: Only if a penalty is given (not 0)
	Attribute	M/O	Value	Description
	Value	M	Numeric -#0.0	Send the penalty for the athlete.
ER		IRM	Numeric 0	Pos Description: Do not send except in vault when vault number is sent (1 or 2) Element Expected: Only in the case of IRM in a team or vault competition (one or both in vault)
	Attribute	M/O	Value	Description
	Value	M	SC @IRM	Send IRM if applicable
ER		INQUIRY	Numeric 0	Pos Description: Do not send except in vault when vault number is sent (1 or 2) Element Expected: Only in the case of inquiry for the difficulty score
	Attribute	M/O	Value	Description
	Value	M	SC @Inquiry	Send inquiry code



Sample (Vault Individual Apparatus Qualifications or Final)

```
<Result ResultType="POINTS" Result="18.537" SortOrder="10" StartOrder="4" StartSortOrder="4" >
  <ExtendedResults>
    <ExtendedResult Type="ER" Code="SCORE" Pos="1" Value="18.925" />
    <ExtendedResult Type="ER" Code="DIFFICULTY" Pos="1" Value="10.000" />
    <ExtendedResult Type="ER" Code="EXECUTION" Pos="1" Value="9.325" />
    <ExtendedResult Type="ER" Code="SCORE" Pos="2" Value="18.150" />
    <ExtendedResult Type="ER" Code="DIFFICULTY" Pos="2" Value="9.400" />
    <ExtendedResult Type="ER" Code="EXECUTION" Pos="2" Value="8.850" />
    <ExtendedResult Type="ER" Code="PENALTY" Pos="2" Value="-0.1" />
  </ExtendedResults>
  ...
```

Sample (non-Vault)

```
<Result ResultType="POINTS" Result="19.025" SortOrder="10" StartOrder="4" StartSortOrder="4" >
  <ExtendedResults>
    <ExtendedResult Type="ER" Code="DIFFICULTY" Value="10.000" />
    <ExtendedResult Type="ER" Code="EXECUTION" Value="9.325" />
    <ExtendedResult Type="ER" Code="PENALTY" Value="-0.3" />
  </ExtendedResults>
  ...
```

Element: Competition /Result /Competitor (1,1)
Competitor related to the result of one event unit.

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

Element: Competition /Result /Competitor /Description (0,1)
Competitors extended information.

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

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

Type	Code	Pos	Description
EUE	ORG	N/A	Element Expected: Always in teams
	Attribute	M/O	Value
	Value	M	S(20)
			Send the Organisation code (NOC) or MGx as appropriate
EUE	ROTATION	Numeric	Pos Description:



		#0	Send the rotation number
			Element Expected: Always
Attribute	M/O	Value	Description
Value	M	SC @Apparatus	Send the apparatus

Sample (General)

```
<EventUnitEntry Type="EUE" Code="ORG" Value="JPN"/>
<EventUnitEntry Type="EUE" Code="ROTATION" Pos="2" Value="VT"/>
```

Element: Competition /Result /Competitor /Composition /Athlete (0,N)			
Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Athlete's ID. Can belong to a team member or an individual athlete.
Order	M	Numeric 0	Order attribute used to sort team members in a team (if Competitor @Type="T") on the results or 1 if Competitor @Type="A".
StartOrder	O	Numeric	Order of team members in a team (if Competitor @Type="T") on the start list.
StartSortOrder	O	Numeric	Order attribute used to sort team members in a team (if Competitor @Type="T") on the start list.
Bib	O	S(4)	Bib number

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

Element: Competition /Result /Competitor /Composition /Athlete /EventUnitEntry (0,N)			
Individual athletes entry information.			
Type	Code	Pos	Description
EUE	ROTATION	Numeric #0	Pos Description: Send the rotation number
			Element Expected: Always
Attribute	M/O	Value	Description



	Value	M	SC @Apparatus	Send the apparatus
EUE		SECOND_VAULT	N/A	Element Expected: Only for Apparatus Qualification and only in the vault message.
	Attribute	M/O	Value	Description
	Value	M	S(1)	Send Y in case the athlete is doing 2 vaults (For Apparatus qualification only) else do not send.
EUE		TEAM_MEMBER	N/A	Element Expected: Only for athletes who are part of a team, to be sent in individual units which are counting as team qualification at the same time. (Applies in 1AP QUAL but not to 1AA QUAL)
	Attribute	M/O	Value	Description
	Value	M	S(1)	Indicator if the athlete is part of the team. Send Y if applicable.
EUE		RESERVE	N/A	Element Expected: If applies Reserves only appear in the START_LIST and are not included in other statuses
	Attribute	M/O	Value	Description
	Value	M	S(1)	Send Y if athlete is a reserve otherwise do not send

Sample (General)

```
<EventUnitEntry Type="EUE" Code="ROTATION" Pos="2" Value="VT"/>
<EventUnitEntry Type="EUE" Code="SECOND_VAULT" Value="Y"/>
```

Element: Competition /Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult (1,N)				
Team member or individual athlete's extended result.				
Type	Code	Pos	Description	
ER	SCORE	Numeric 0	Pos Description: Do not send except in vault when vault number is sent (1 or 2) Element Expected: Only in the case of Vault where this is the score for each vault and in Team results where it is the score of the athlete contributing to the team result.	
	Attribute	M/O	Value	Description
	Value	M	Numeric #0.000	In vault, send the score for each vault.
ER	DIFFICULTY	Numeric 0	Pos Description: Do not send except in vault when vault number is sent (1 or 2) Element Expected: Always	
	Attribute	M/O	Value	Description



	Value	M	Numeric #0.000	Send the difficulty score for the athlete.
ER		EXECUTION	Numeric 0	Pos Description: Do not send except in vault when vault number is sent (1 or 2) Element Expected: Always
	Attribute	M/O	Value	Description
	Value	M	Numeric #0.000	Send the execution score for the athlete.
ER		PENALTY	Numeric 0	Pos Description: Do not send except in vault when vault number is sent (1 or 2) Element Expected: Only if a penalty is given (not 0)
	Attribute	M/O	Value	Description
	Value	M	Numeric -#0.0	Send the penalty for the athlete.
ER		IRM	Numeric 0	Pos Description: Do not send except in vault when vault number is sent (1 or 2) Element Expected: Only in the case of IRM in a team or vault competition (one or both in vault)
	Attribute	M/O	Value	Description
	Value	M	SC.@IRM	Send IRM if applicable
ER		INQUIRY	Numeric 0	Pos Description: Do not send except in vault when vault number is sent (1 or 2) Element Expected: Only in the case of inquiry for the difficulty score
	Attribute	M/O	Value	Description
	Value	M	SC.@Inquiry	Send inquiry code

Sample (Team)



```
...
<Result ResultType="POINTS" Result="45.025" SortOrder="4" StartOrder="4" StartSortOrder="4" >
  <Competitor Code="GARMTEAM----JPN01" Type="T" Organisation="JPN" >
    <Description TeamName="Japan"/>
    <EventUnitEntry Type="EUE" Code="ORG" Value="JPN"/>
    <EventUnitEntry Type="EUE" Code="ROTATION" Pos="2" Value="FX"/>
    <Composition>
      <Athlete Code="7712920" Order="1" StartOrder="1" StartSortOrder="1" Bib="166">
        <Description FamilyName="Tanaka" GivenName="Gallus" Gender="M" Organisation="JPN" IFid="12920"
        BirthDate="1989-06-06" />
        <ExtendedResults>
          <ExtendedResult Type="ER" Code="SCORE" Value="14.475" />
          <ExtendedResult Type="ER" Code="DIFFICULTY" Value="7.275" />
          <ExtendedResult Type="ER" Code="EXECUTION" Value="7.300" />
          <ExtendedResult Type="ER" Code="PENALTY" Value="-0.1" />
        </ExtendedResults>
      </Athlete>
      <Athlete Code="7712444" Order="2" StartOrder="2" StartSortOrder="2" Bib="167">

```

2.3.3.6 Message Sort

By rotation followed by StartSortOrder



2.3.4 Current Information

2.3.4.1 Description

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

In Qualification, All-Around Final and Team Final, DocumentSubcode attribute contains CC @Apparatus. For Apparatus Finals DocumentSubcode is not required.

2.3.4.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC @Competition	Unique ID for competition
DocumentCode	CC @Unit	Full RSC at unit level
DocumentSubcode	SC@Apparatus	Only for Team and All-Around.
DocumentType	DT_CURRENT	Current message
DocumentSubtype	N/A	N/A
Version	1..V	Version number associated to the message's content. Ascending number
FeedFlag	"P" - Production "T" - Test	Test message or production message.
Date	Date	Date when the message is generated, expressed in the local time zone where the message was produced.
Time	Time	Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced.
LogicalDate	Date	Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight. See full explanation in ODF Foundation.
Source	SC @Source	Code indicating the system which generated the message.

2.3.4.3 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.

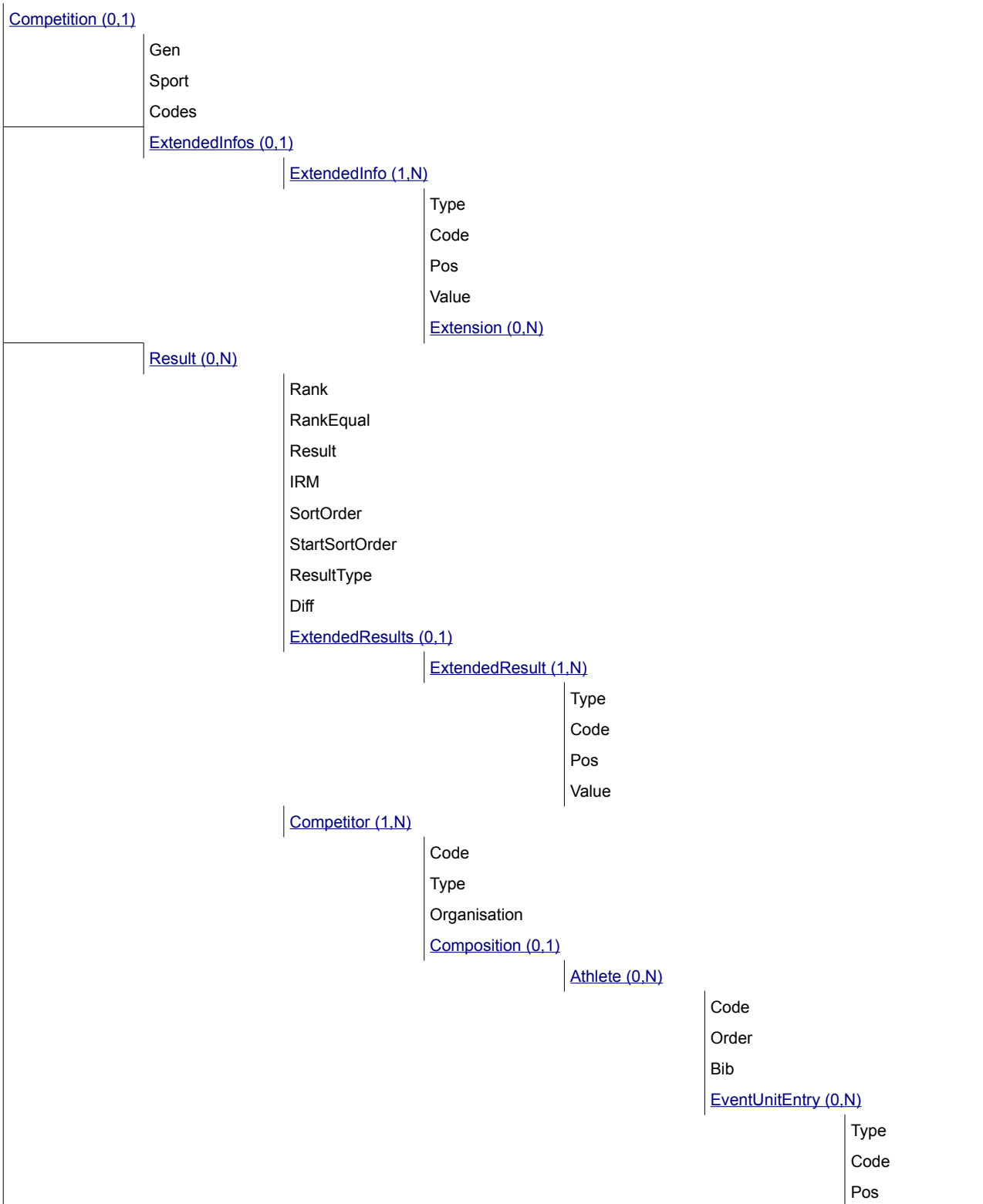
Up to a maximum of three competitors are sent in any message. These competitors are the one most recently completed an apparatus in the rotation (@Stage = LAST) the current or waiting score competitor (@Stage = CURRENT or WAITING) and the competitor next to start (@Stage = NEXT).

Each competitor only includes the apparatus in the current rotation.

2.3.4.4 Message Structure

The following table defines the structure of the message.

Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7
---------	---------	---------	---------	---------	---------	---------





	Value
--	-------

2.3.4.5 Message Values

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

Element: Competition /ExtendedInfos /ExtendedInfo (1,N)			
Type	Code	Pos	Description
UI	PHASE	N/A	Element Expected: Always
	Attribute	M/O	Value
	Value	M	CC @Phase
	Description		Send the full phase RSC (34)
Sub Element: Competition /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: Competition /ExtendedInfos /ExtendedInfo /Extension Expected When applicable			
	Attribute	Value	Description
	Code	SUBDIVISION	
	Pos	N/A	N/A
	Value	Numeric #0	Send the current subdivision number
Sub Element: Competition /ExtendedInfos /ExtendedInfo /Extension Expected When applicable			
	Attribute	Value	Description
	Code	APPARATUS	
	Pos	N/A	N/A
	Value	SC @Apparatus	Send apparatus code
Sub Element: Competition /ExtendedInfos /ExtendedInfo /Extension Expected When applicable			
	Attribute	Value	Description
	Code	LOCATION	
	Pos	N/A	N/A
	Value	CC @Location	Send location code



ASSOCIATED	CC @Unit	Numeric 0	Code Description: Full RSC for each unit event impacted Pos Description: Send incrementing number for each associated event Element Expected: When applicable
Attribute	M/O	Value	Description
Value	M	S(40)	Description for the Unit @Code

Sample (during qualification)

```
<ExtendedInfos>
<ExtendedInfo Type="UI" Code="PHASE" Value="GARM-----QUAL-----" >
<Extension Code="APPARATUS" Value="VT" />
<Extension Code="SUBDIVISION" Value="1"/>
<Extension Code="ROTATION" Value="3"/>
<Extension Code="LOCATION" Value="GA2"/>
</ExtendedInfo>
<ExtendedInfo Type="ASSOCIATED" Code="GARM1APVT-----QUAL00001--" Pos="1" Value="Men's Vault Qualification" /
>
```

Element: Competition /Result (0,N)			
Attribute	M/O	Value	Description
Rank	O	Numeric #0	Rank of the competitor in the phase. 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 send Y if applicable
Result	O	Numeric #0.000	Score
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	Used to sort all start list competitors in an event unit.
ResultType	O	SC @ResultType	ResultType is used to describe the type of data @Value, use "NO_SCORE" before the participant has a result.
Diff	O	Numeric #0.000	Points behind leader. Send 0.000 for the leader

Element: Competition /Result /ExtendedResults /ExtendedResult (1,N)			
Type	Code	Pos	Description
ER	STAGE	Numeric 0	Pos Description: Do not send except in vault when vault number is sent (1 or 2) Element Expected: Always
Attribute	M/O	Value	Description
Value	M	SC @Stage	Send applicable code Gymnasts that perform two vaults remain as



				current until they finish the second vault.
ER		SCORE	Numeric 0	Pos Description: Send 1 or 2 in case of vault where two vaults count. Element Expected: Only in the case of Vault in Individual Apparatus Qualifications and Finals.
	Attribute	M/O	Value	Description
	Value	M	Numeric #0.000	In vault, send the score for each vault.
ER		DIFFICULTY	Numeric 0	Pos Description: Do not send except in vault when vault number is sent (1 or 2) Element Expected: Always
	Attribute	M/O	Value	Description
	Value	M	Numeric #0.000	Send the difficulty score for the athlete.
ER		EXECUTION	Numeric 0	Pos Description: Do not send except in vault when vault number is sent (1 or 2) Element Expected: Always
	Attribute	M/O	Value	Description
	Value	M	Numeric #0.000	Send the execution score for the athlete.
ER		PENALTY	Numeric 0	Pos Description: Do not send except in vault when vault number is sent (1 or 2) Element Expected: Only if a penalty is given (not 0)
	Attribute	M/O	Value	Description
	Value	M	Numeric -#0.0	Send the penalty for the athlete.
ER		IRM	Numeric 0	Pos Description: Do not send except in vault when vault number is sent (1 or 2) Element Expected: Only in the case of IRM in vault (one or both)
	Attribute	M/O	Value	Description
	Value	M	SC.@IRM	Send IRM if applicable
ER		INQUIRY	Numeric 0	Pos Description: Do not send except in vault when vault number is sent (1 or 2) 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

Sample (vault qualification)

```
<Result ResultType="POINTS" Result="18.537" Rank="5" SortOrder="5" >
  <ExtendedResults>
    <ExtendedResult Type="ER" Code="STAGE" Pos="1" Value="LAST" />
    <ExtendedResult Type="ER" Code="STAGE" Pos="2" Value="LAST" />
    <ExtendedResult Type="ER" Code="SCORE" Pos="1" Value="18.925" />
    <ExtendedResult Type="ER" Code="DIFFICULTY" Pos="1" Value="10.000" />
    <ExtendedResult Type="ER" Code="EXECUTION" Pos="1" Value="9.325" />
    <ExtendedResult Type="ER" Code="PENALTY" Pos="1" Value="-0.4" />
    <ExtendedResult Type="ER" Code="SCORE" Pos="2" Value="18.150" />
    <ExtendedResult Type="ER" Code="DIFFICULTY" Pos="2" Value="9.400" />
    <ExtendedResult Type="ER" Code="EXECUTION" Pos="2" Value="8.850" />
    <ExtendedResult Type="ER" Code="PENALTY" Pos="2" Value="-0.1" />
  </ExtendedResults>
  ...
```

Sample (non-vault qualification)

```
<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" />
  </ExtendedResults>
  ...
```

Element: Competition /Result /Competitor (1,N)

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: Competition /Result /Competitor /Composition /Athlete (0,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: Competition /Result /Competitor /Composition /Athlete /EventUnitEntry (0,N)

Individual athlete's entry information.



Type	Code	Pos	Description
EUE	IFID	N/A	Element Expected: When available
Attribute	M/O	Value	Description
Value	M	S(16)	IF ID of the athlete

2.3.4.6 Message Sort

Sort by Result @SortOrder.



2.3.5 Phase Results

2.3.5.1 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 the case of artistic gymnastics it is used for individual apparatus qualification only.

2.3.5.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC.@Competition	Unique ID for competition
DocumentCode	CC.@Phase	Full RSC of the phase
DocumentSubcode	N/A	N/A
DocumentType	DT_PHASE_RESULT	Phase Results message
DocumentSubtype	N/A	N/A
Version	1..V	Version number associated to the message's content. Ascending number
ResultStatus	CC.@ResultStatus	It indicates the status of the results LIVE (when competition is ongoing) INTERMEDIATE (after each sub-division 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.
LogicalDate	Date	Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight. See full explanation in ODF Foundation.
Source	SC.@Source	Code indicating the system which generated the message.

2.3.5.3 Trigger and Frequency

- * 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.



2.3.5.4 Message Structure

The following table defines the structure of the message.

Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7
Competition (0.1)						
	Gen					
	Sport					
	Codes					
	ExtendedInfos (0.1)					
		Progress (0.1)				
			LastUnit			
		SportDescription (0.1)				
			DisciplineName			
			EventName			
			SubEventName			
			Gender			
		VenueDescription (0.1)				
			Venue			
			VenueName			
			Location			
			LocationName			
	Result (1,N)					
		Rank				
		RankEqual				
		ResultType				
		Result				
		IRM				
		QualificationMark				
		SortOrder				
		ExtendedResults (0.1)				
			ExtendedResult (1,N)			
				Type		
				Code		
				Pos		
				Value		
		Competitor (1,1)				
			Code			
			Type			
			Organisation			
			Composition (0,1)			



	<p>Athlete (0..N)</p> <ul style="list-style-type: none"> Code Order Bib Description (1..1) <ul style="list-style-type: none"> GivenName FamilyName Gender Organisation BirthDate IFld
--	---

2.3.5.5 Message Values

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

Element: Competition /ExtendedInfos /Progress (0,1)			
Attribute	M/O	Value	Description
LastUnit	O	CC @Unit	Send the full RSC of the most recently completed unit or current unit if in progress included in the message.

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

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



Element: Competition /Result (1,N)			
For any Phase Results message, there should be at least one competitor being awarded a result for the phase.			
Attribute	M/O	Value	Description
Rank	O	Numeric #0	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	ResultType is used to describe the type of data @Value, use "NO_SCORE" before the participant has a result.
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: Competition /Result /ExtendedResults /ExtendedResult (1,N)				
Type	Code	Pos	Description	
ER	SCORE	Numeric 0	Pos Description: Send 1 or 2 in case of vault where two vaults count. Element Expected: Only in the case of Vault in Individual Apparatus Qualifications.	
	Attribute	M/O	Value	Description
	Value	M	Numeric #0.000	In vault, send the score for each vault.
ER	DIFFICULTY	Numeric 0	Pos Description: Do not send except in vault when vault number is sent (1 or 2) Element Expected: Always	
	Attribute	M/O	Value	Description
	Value	M	Numeric #0.000	Send the difficulty score for the athlete.
ER	EXECUTION	Numeric 0	Pos Description: Do not send except in vault when vault number is sent (1 or 2) Element Expected: Always	



	Attribute	M/O	Value	Description
	Value	M	Numeric #0.000	Send the execution score for the athlete.
ER		PENALTY	Numeric 0	Pos Description: Do not send except in vault when vault number is sent (1 or 2) Element Expected: Only if a penalty is given (not 0)
	Attribute	M/O	Value	Description
	Value	M	Numeric -#0.0	Send the penalty for the athlete.
ER		IRM	Numeric 0	Pos Description: Do not send except in vault when vault number is sent (1 or 2) Element Expected: Only in the case of IRM in a vault (one or both)
	Attribute	M/O	Value	Description
	Value	M	SC.@IRM	Send IRM if applicable
ER		INQUIRY	Numeric 0	Pos Description: Do not send except in vault when vault number is sent (1 or 2) Element Expected: Only in the case of inquiry for the difficulty score
	Attribute	M/O	Value	Description
	Value	M	SC.@Inquiry	Send inquiry code

Sample (vault)

```
<Result ResultType="POINTS" Result="18.537" SortOrder="1" Rank="1" >
  <ExtendedResults>
    <ExtendedResult Type="ER" Code="SCORE" Pos="1" Value="18.925" />
    <ExtendedResult Type="ER" Code="DIFFICULTY" Pos="1" Value="10.000" />
    <ExtendedResult Type="ER" Code="EXECUTION" Pos="1" Value="9.325" />
    <ExtendedResult Type="ER" Code="SCORE" Pos="2" Value="18.150" />
    <ExtendedResult Type="ER" Code="DIFFICULTY" Pos="2" Value="9.400" />
    <ExtendedResult Type="ER" Code="EXECUTION" Pos="2" Value="8.850" />
    <ExtendedResult Type="ER" Code="PENALTY" Pos="2" Value="-0.1" />
  </ExtendedResults>
```

Sample (non-vault)



```
<Result ResultType="POINTS" Result="19.025" SortOrder="1" Rank="1" >
  <ExtendedResults>
    <ExtendedResult Type="ER" Code="DIFFICULTY" Value="10.000" />
    <ExtendedResult Type="ER" Code="EXECUTION" Value="9.325" />
    <ExtendedResult Type="ER" Code="PENALTY" Value="-0.3" />
  </ExtendedResults>
```

Element: Competition /Result /Competitor (1,1)

Competitor related to one phase result.

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: Competition /Result /Competitor /Composition /Athlete (0,N)

Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Athlete's ID, corresponding to either a team member or a single athlete
Order	M	Numeric	1 for Competitor @Type="A".
Bib	O	S(4)	Bib number

Element: Competition /Result /Competitor /Composition /Athlete /Description (1,1)

Athletes extended information.

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

2.3.5.6 Message Sort

Sort by Result @SortOrder.



2.3.6 Cumulative Results

2.3.6.1 Description

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

The difference between the Phase Results message (DT_PHASE_RESULTS) and the Cumulative Results (DT_CUMULATIVE_RESULT) is that the first one includes only the results for the phase independently from previous phases, while the Cumulative Results is for competitions where scores of the competitors are accumulated over a number of units and/or phases.

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

As soon as a competitor is included in the message (has at least one result), all other apparatuses in future rotations the competitor may compete on will be listed. Apparatuses where the competitor has not attempted are included with ValueType SC@ResultType: NO_SCORE. When a result is recorded on the apparatus, the ValueType, Value, Rank, etc. should be updated accordingly. To be clear, all competitors in the message will always have at least one ExtendedResult Code=CC@Apparatus with ValueType different from SC@ResultType:NO_SCORE.

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 qualification subdivision, the only competitors in the messages are those which are able to be classified in the all-around competition by virtue of attempting each apparatus. This should be applied as soon as possible, but at the very latest when the subdivision resultstatus is UNOFFICIAL.

2.3.6.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC @Competition	Unique ID for competition
DocumentCode	CC @Phase	Full RSC of the phase
DocumentSubcode	N/A	N/A
DocumentType	DT_CUMULATIVE_RESULT	Cumulative Results message
DocumentSubtype	N/A	N/A
Version	1..V	Version number associated to the message's content. Ascending number



ResultStatus	CC @ResultStatus	It indicates the status of the results LIVE INTERMEDIATE 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. See full explanation in ODF Foundation.
Source	SC @Source	Code indicating the system which generated the message.

2.3.6.3 Trigger and Frequency

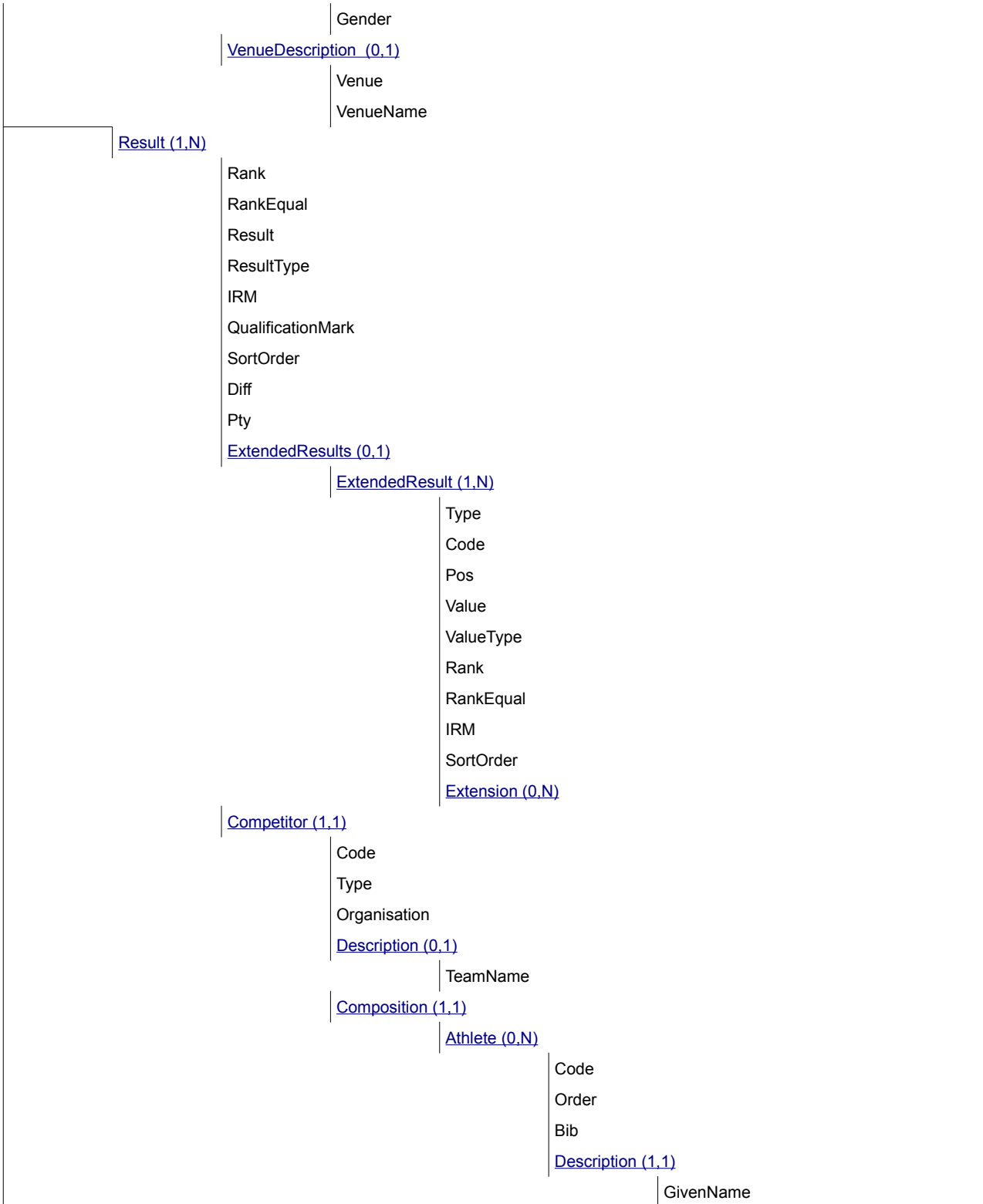
Send:

- * when every subdivision is GETTING READY as LIVE;
- * after every athlete completes a routine as LIVE;
- * after every subdivision except the last as INTERMEDIATE;
- * when all units are complete as UNOFFICIAL / OFFICIAL when applicable.
- * Any other changes in data

2.3.6.4 Message Structure

The following table defines the structure of the message.

Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	Level 8	Level 9
Competition (0.1)								
	Gen							
	Sport							
	Codes							
	ExtendedInfos (0.1)							
		ExtendedInfo (0.N)						
			Type					
			Code					
			Pos					
			Value					
		Progress (0.1)						
			LastUnit					
		SportDescription (0.1)						
			DisciplineName					
			EventName					
			SubEventName					





FamilyName
Gender
Organisation
BirthDate
IFId
ExtendedResults (0,1)
ExtendedResult (1,N)
Type
Code
Pos
Value
ValueType
IRM
Rank
RankEqual
Extension (0,N)

2.3.6.5 Message Values

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

Element: Competition /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 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	TEAM_APP_AFTER	N/A	Element Expected: For all units where teams are competing	
	Attribute	M/O	Value	Description
	Value	M	Numeric	Send the current number of apparatus that at



		0	least one team has completed (for comparable reported rank) in the current rotation.
--	--	---	--

Element: Competition /ExtendedInfos /Progress (0,1)			
Attribute	M/O	Value	Description
LastUnit	M	CC @Unit	Send the full RSC of the most recently completed unit or current unit if in progress included in the message.

Element: Competition /ExtendedInfos /SportDescription (0,1)			
Sport Descriptions in Text.			
Attribute	M/O	Value	Description
DisciplineName	M	S(40)	Discipline ENG Description (not code) from Common Codes
EventName	M	S(40)	Event ENG Description (not code) from Common Codes.
SubEventName	M	S(40)	Phase ENG Description (not code) from Common Codes. Only include if in single phase.
Gender	M	CC @SportGender	Gender code for the event unit

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

Element: Competition /Result (1,N)			
For any 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	Numeric #0	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".
Result	O	Numeric ##0.000	Cumulative result Only send in the case @ResultType is POINTS
ResultType	O	SC @ResultType	ResultType is used to describe the type of data @Value, use "NO_SCORE" before the participant has a result.
IRM	O	SC @IRM	IRM for the cumulative 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	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.
Diff	O	Numeric	Points behind the leader



		##0.000	
Pty	O	Numeric #0.0	For any overall penalties

Element: Competition /Result /ExtendedResults /ExtendedResult (1,N)				
Team competitor's extended results.				
Type	Code	Pos	Description	
ER	START_APPARATUS	N/A	Element Expected: Always in teams competition and individual all-around	
	Attribute	M/O	Value	Description
	Value	M	SC @Apparatus	Send the code for the first apparatus used.
ER	REPORTED	N/A	Element Expected: When available and the competition is not complete for teams or all-around	
	Attribute	M/O	Value	Description
	Value	O	Numeric ##0.000	Send the score for the reported rank, comparing all competitors after the same number of apparatus
	ValueType	M	SC @ResultType	ValueType is used to describe the type of data @Value, use "NO_SCORE" before the participant has a result.
	Rank	O	Numeric #0	Send the reported rank, comparing all competitors after the same number of apparatus
	RankEqual	O	S(1)	Send Y where Rank at this specific ExtendResult is equalled else not sent.
	IRM	O	SC @IRM	For @IRM: IRM for the reported rank Only send in the case @ResultType is IRM
	SortOrder	M	Numeric #0	Send the order for the reported rank, considering all competitors including those without rank.
ER	BB FX HB PB PH SR UB VT	Numeric 0	Code Description: Apparatus code Pos Description: Send apparatus number (as ordered when reporting) Element Expected: When available	
	Attribute	M/O	Value	Description
	Value	O	Numeric ##0.000	Send the score on the apparatus
	ValueType	O	SC @ResultType	ValueType is used to describe the type of data @Value, use "NO_SCORE" before the participant has a result.
	Rank	O	Numeric #0	Send the rank of the competitor on the apparatus



RankEqual	O	S(1)	Send Y where Rank at this specific ExtendResult is equalled else not sent.
IRM	O	SC @IRM	IRM for the athlete on the apparatus. Only send in the case @ValueType is IRM.
Sub Element: Competition /Result /ExtendedResults /ExtendedResult /Extension Expected When available for individual events			
Attribute	Value	Description	
Code	DIFFICULTY		
Pos	N/A	N/A	
Value	Numeric #0.000	Send the difficulty score for the athlete on the apparatus.	
Sub Element: Competition /Result /ExtendedResults /ExtendedResult /Extension Expected When available for team events and @ResultType = POINTS			
Attribute	Value	Description	
Code	DISCARDED		
Pos	N/A	N/A	
Value	S(1)	Send Y if the score is discarded else not sent.	
Sub Element: Competition /Result /ExtendedResults /ExtendedResult /Extension Expected When available for individual events			
Attribute	Value	Description	
Code	EXECUTION		
Pos	N/A	N/A	
Value	Numeric #0.000	Send the execution score for the athlete on the apparatus.	
Sub Element: Competition /Result /ExtendedResults /ExtendedResult /Extension Expected When available for individual events			
Attribute	Value	Description	
Code	INQUIRY		
Pos	N/A	N/A	
Value	SC @Inquiry	Send inquiry code.	
Sub Element: Competition /Result /ExtendedResults /ExtendedResult /Extension Expected If applicable in individual events			
Attribute	Value	Description	
Code	PENALTY		
Pos	N/A	N/A	
Value	Numeric -#0.0	Send any penalty the athlete received.	

Sample (individual all-around)



```
<Result Rank="1" ResultType="POINTS" Result="89.800" SortOrder="1" QualificationMark="Q" >
<ExtendedResults>
<ExtendedResult Type="ER" Code="START_APPARATUS" Value="VT" />
<ExtendedResult Type="ER" Code="FX" Pos="1" Value="14.975" ValueType="POINTS" Rank="3" >
<Extension Code="DIFFICULTY" Value="7.900" />
<Extension Code="EXECUTION" Value="7.075" />
</ExtendedResult>
<ExtendedResult Type="ER" Code="PH" Pos="2" Value="13.600" ValueType="POINTS" Rank="4" >
<Extension Code="DIFFICULTY" Value="6.800" />
<Extension Code="EXECUTION" Value="6.800" />
</ExtendedResult>
<ExtendedResult Type="ER" Code="SR" Pos="3" ValueType="NO_SCORE" />
<ExtendedResult Type="ER" Code="VT" Pos="4" ValueType="NO_SCORE" />
<ExtendedResult Type="ER" Code="PB" Pos="5" ValueType="NO_SCORE" />
<ExtendedResult Type="ER" Code="HB" Pos="6" ValueType="NO_SCORE" />
...
```

Element: Competition /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
Organisation	M	CC @Organisation	Competitor's organisation

Element: Competition /Result /Competitor /Description (0,1)

Competitors extended information.

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

Element: Competition /Result /Competitor /Composition /Athlete (0,N)

Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Athlete's ID, corresponding to either a team member or a single athlete
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: Competition /Result /Competitor /Composition /Athlete /Description (1,1)

Athletes extended information.

Attribute	M/O	Value	Description
GivenName	O	S(25)	Given name in WNPA format (mixed case)
FamilyName	M	S(25)	Family name in WNPA format (mixed case)
Gender	M	CC @PersonGender	Gender of the athlete
Organisation	M	CC @Organisation	Athletes' organisation
BirthDate	O	Date	Birth date (example: YYYY-MM-DD). Must include if the data is



			available
IFId	O	S(16)	International Federation ID

Element: Competition /Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult (1,N)			
Only applies in team competition			
Type	Code	Pos	Description
ER	BB FX HB PB PH SR UB VT	Numeric 0	Code Description: Apparatus code Pos Description: Send apparatus number (as ordered when reporting) Element Expected: When available
Attribute	M/O	Value	Description
Value	O	Numeric ##0.000	Send the team member's score on the apparatus
ValueType	O	SC @ResultType	ValueType is used to describe the type of data @Value, use "NO_SCORE" before the participant has a result.
IRM	O	SC @IRM	IRM for the athlete on the apparatus. Only send in the case @ValueType is IRM.
Rank	O	Numeric #0	Send the rank of the competitor on the apparatus
RankEqual	O	S(1)	Send Y where Rank at this specific ExtendResult is equalled else not sent.
Sub Element: Competition /Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult /Extension Expected When available for team competition			
Attribute	Value	Description	
Code	DIFFICULTY		
Pos	N/A	N/A	
Value	Numeric #0.000	Send the difficulty score for the athlete on the apparatus.	
Sub Element: Competition /Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult /Extension Expected When available for team competition and @ResultType = POINTS			
Attribute	Value	Description	
Code	DISCARDED		
Pos	N/A	N/A	
Value	S(1)	Send Y if the score is discarded else not sent.	
Sub Element: Competition /Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult /Extension Expected When available for team competition			
Attribute	Value	Description	
Code	EXECUTION		
Pos	N/A	N/A	
Value	Numeric #0.000	Send the execution score for the athlete on the apparatus.	



Sub Element: Competition /Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult /Extension Expected When available for team competition		
Attribute	Value	Description
Code	INQUIRY	
Pos	N/A	N/A
Value	SC @Inquiry	Send inquiry code.
Sub Element: Competition /Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult /Extension Expected When available for team competition		
Attribute	Value	Description
Code	PENALTY	
Pos	N/A	N/A
Value	Numeric -#0.0	Send any penalty the athlete received.

Sample (Teams only)

```

<Result Rank="1" ResultType="POINTS" Result="269.800" SortOrder="1" QualificationMark="Q" >
  <ExtendedResults>
    <ExtendedResult Type="ER" Code="START_APPARATUS" Value="SR" />
    <ExtendedResult Type="ER" Code="REPORTED" Value="220.550" ValueType="POINTS" Rank="2" SortOrder="2" />
    <ExtendedResult Type="ER" Code="FX" Pos="1" Value="45.300" ValueType="POINTS" Rank="1" />
    <ExtendedResult Type="ER" Code="PH" Pos="2" Value="41.950" ValueType="POINTS" Rank="6" />
  ...
</ExtendedResults>
  <Competitor Code="GRM400NZL01" Type="T" Organisation="NZL">
    <Description TeamName="New Zealand"/>
    <Composition>
      <Athlete Code="2114821" Order="1" Bib="160">
        <Description FamilyName="Smith" GivenName="John" Gender="M" Organisation="NZL" IFId="1345018" BirthDate="1994-11-04" />
        <ExtendedResults>
          <ExtendedResult Type="ER" Code="FX" Pos="1" Value="14.975" ValueType="POINTS" Rank="3" >
            <Extension Code="DIFFICULTY" Value="7.900" />
            <Extension Code="EXECUTION" Value="7.075" />
          </ExtendedResult>
          <ExtendedResult Type="ER" Code="PH" Pos="2" Value="13.600" ValueType="POINTS" Rank="4" >
            <Extension Code="DIFFICULTY" Value="6.800" />
            <Extension Code="EXECUTION" Value="6.800" />
          </ExtendedResult>
          <ExtendedResult Type="ER" Code="SR" Pos="3" ValueType="NO_SCORE" />
          <ExtendedResult Type="ER" Code="VT" Pos="4" ValueType="NO_SCORE" />
          <ExtendedResult Type="ER" Code="PB" Pos="5" ValueType="NO_SCORE" />
          <ExtendedResult Type="ER" Code="HB" Pos="6" ValueType="NO_SCORE" />
        ...
        </Composition>
      </Competitor>
    </Result>
  
```

2.3.6.6 Message Sort

Sort by Result @SortOrder.

Ranked competitors at the top followed by unranked (IRM) competitors.



2.3.7 Event Final Ranking

2.3.7.1 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.

2.3.7.2 Header Values

The following table describes the message header attributes.

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

2.3.7.3 Trigger and Frequency

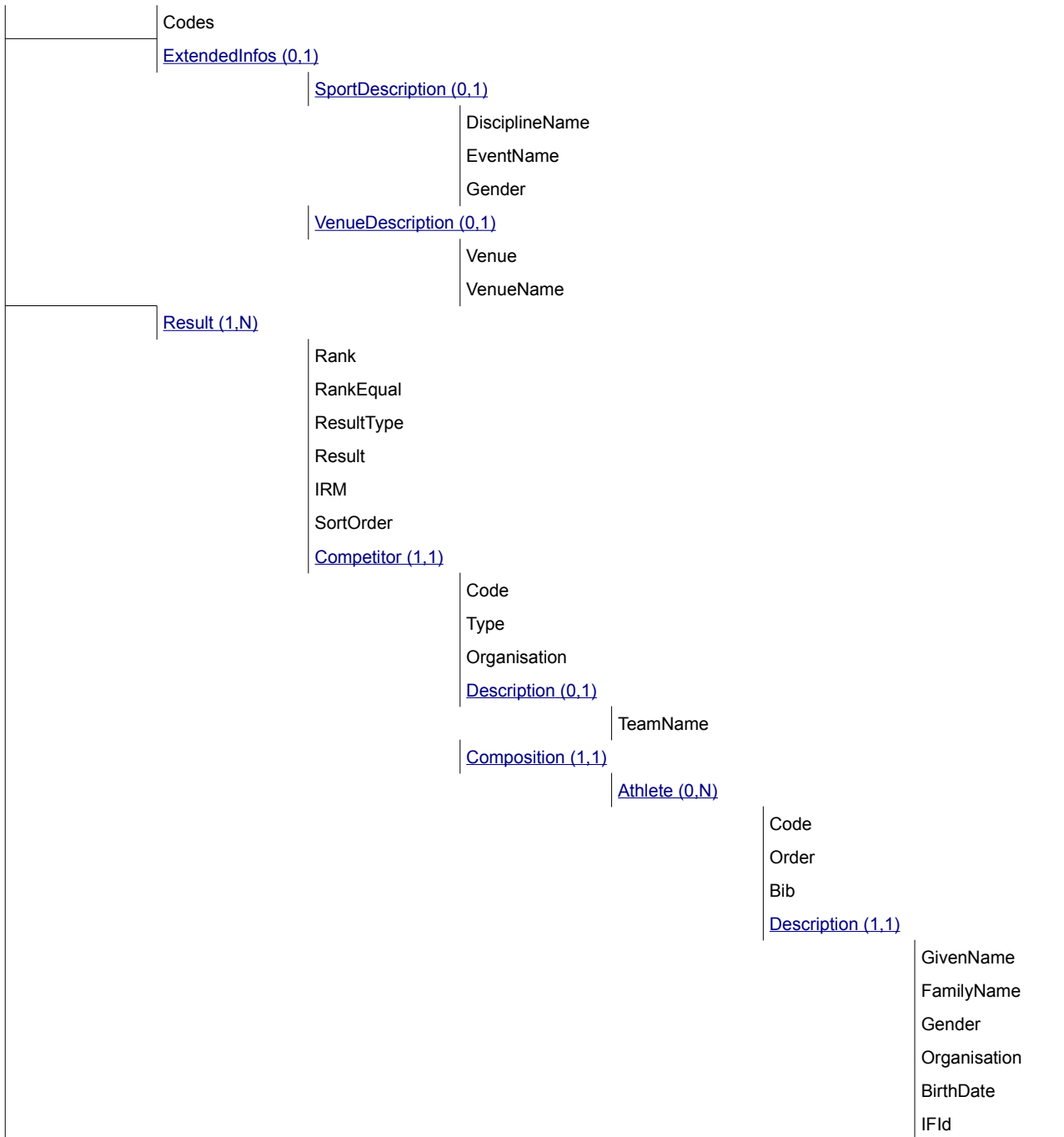
This message is only triggered after a unit which affects the final ranking is official and that particular ranking is not subject to change or some ranking in that event are not subject to change.

Trigger also after any change.

2.3.7.4 Message Structure

The following table defines the structure of the message.

Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7
Competition (0.1)						
	Gen					
	Sport					



2.3.7.5 Message Values

Element: Competition (0,1)			
Attribute	M/O	Value	Description



Gen	O	S(20)	Version of the General Data Dictionary applicable to the message
Sport	O	S(20)	Version of the Sport Data Dictionary applicable to the message
Codes	O	S(20)	Version of the Codes applicable to the message

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

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

Element: Competition /Result (1,N)			
For any event final ranking message, there should be at least one competitor being awarded a result for the event.			
Attribute	M/O	Value	Description
Rank	O	Numeric #0	Final rank of the competitor in the corresponding event.
RankEqual	O	S(1)	Identifies if a rank has been equalled. Send Y if applicable
ResultType	M	SC @ResultType	Type of the @Result attribute.
Result	O	Numeric ##0.000	Score. Only include the result if the competitor was in the final.
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: Competition /Result /Competitor (1,1)			
Competitor related to one final event result.			
Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes or SC @CompetitorPlace	Competitor's ID or another indicator (SC @CompetitorPlace) in the case where there is no competitor in the rank due to IRM. NOAWARD if the place is not awarded.
Type	M	S(1)	A for athlete or T for Team
Organisation	O	CC @Organisation	Competitor's organisation if known



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

Element: Competition /Result /Competitor /Composition /Athlete (0,N)			
Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Athlete's ID, corresponding to an individual athlete or a team member. Team members should be participating in the event.
Order	M	Numeric #0	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: Competition /Result /Competitor /Composition /Athlete /Description (1,1)			
Attribute	M/O	Value	Description
GivenName	O	S(25)	Given name in WNPA format (mixed case)
FamilyName	M	S(25)	Family name in WNPA format (mixed case)
Gender	M	CC @PersonGender	Gender of the athlete
Organisation	M	CC @Organisation	Athletes' organisation
BirthDate	O	Date	Birth date (example: YYYY-MM-DD). Must include if the data is available
IFId	O	S(16)	International Federation ID

Sample (General)

```
<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>
```

2.3.7.6 Message Sort

Sort by Result @SortOrder



2.3.8 Configuration

2.3.8.1 Description

The Configuration is a message containing general configuration.

Send before the competition for each phase in separate messages.

2.3.8.2 Header Values

The following table describes the message header attributes.

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

2.3.8.3 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. All messages at phase level.

2.3.8.4 Message Structure

The following table defines the structure of the message.

Level 1	Level 2	Level 3	Level 4	Level 5
Competition (0,1)	Gen			
	Sport			
	Codes			
	Configs (1,1)			
		Config (1,N)		
				Unit



ExtendedConfig (1,N)	Type
	Code
	Pos
	Value

2.3.8.5 Message Values

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

Element: Competition /Configs /Config (1,N)			
Attribute	M/O	Value	Description
Unit	M	CC @Phase	Full RSC of the Phase.

Element: Competition /Configs /Config /ExtendedConfig (1,N)				
Type	Code	Pos	Description	
EC	SUBDIV_NUM	N/A	Element Expected: Always	
	Attribute	M/O	Value	Description
	Value	M	Numeric #0	Total number of subdivisions in the phase
EC	ROTATION_NUM	N/A	Pos Description: Send the subdivision number, one for each subdivision. Element Expected: Always	
	Attribute	M/O	Value	Description
	Value	M	Numeric #0	Number of rotations in the @Pos subdivision in this phase.
EC	ROTATION_MODE	N/A	Element Expected: Always	
	Attribute	M/O	Value	Description
	Value	M	S(10)	Send "Half" or "Normal" depending on type of rotation mode.
QUALIFICATION	FROM_RANK	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	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	Element Expected: Only in phases where qualification applies
	Attribute	M/O	Value	Description
	Value	M	Numeric #0	Number of qualification reserves
QUALIFICATION		QUAL_RULE	N/A	Element Expected: Only in phases where qualification applies
	Attribute	M/O	Value	Description
	Value	M	SC @QualRule	Qualification Rule code
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 (Config)

```
<Configs>
  <Config Unit="GARW1AA-----QUAL-----">
    <ExtendedConfig Type="EC" Code="SUBDIV_NUM" Value="4" />
    <ExtendedConfig Type="EC" Code="ROTATION_NUM" Value="6" />
    <ExtendedConfig Type="EC" Code="ROTATION_MODE" Value="Normal" />
    <ExtendedConfig Type="QUALIFICATION" Code="FROM_RANK" Value="1" />
    <ExtendedConfig Type="QUALIFICATION" Code="TO_RANK" Value="24" />
    <ExtendedConfig Type="QUALIFICATION" Code="QUAL_RESERVES" Value="2" />
    <ExtendedConfig Type="QUALIFICATION" Code="QUAL_RULE" Value="ABC" />
    <ExtendedConfig Type="EC" Code="INTEGRATED" Value="N" />
  </Config>
</Configs>
```

2.3.8.6 Message Sort

There is no general message sorting rule.



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3 Message Timeline

Legend:

D Discipline; **E** Event; **P** Phase; **S** Session; **U** Unit
x Sent on that level; **o** Includes info from that level



4 Document Control

Version history		
Version	Date	Comments
V1.0	2 Mar 2017	First Version
V1.1	17 May 2017	Updated
V1.2	1 Aug 2017	Change to APP
V1.3	25 Aug 2017	Updated
V1.4	26 Mar 2018	Updated
V2.0	4 Jan 2019	Updated
V2.1	25 Feb 2019	Updated
V2.2	18 Apr 2019	Updated
V2.3	14 Aug 2019	Updated
V2.4	20 Feb 2020	Updated after HT
V3.0	3 Jun 2022	First version for Paris 2024

File Reference: SOG-2024-GAR-3.0 SFA

Change Log		
Version	Status	Changes on version
V1.0	SFR	First Version
V1.1	SFA	DT_RESULT: Correct typo at 2.2.3.1 (replace DocumentSubtype with DocumentSubcode)
V1.2	APP	Status Change
V1.3	APP	Updated DT_CONFIG to send at phase level
V1.4	APP	DT_PARTIC: Updated to add Passport names (CR15219) Removed reference to 2018 Commonwealth Games
V2.0	SFA	CR 15039: Add DT_PARTIC_NAME to applicable messages. CR 16671: Add TVFamilyName in DT_PARTIC message. CR16537: Move LAST_UNIT to ExtendedInfos/Progress in phase and cumulative results DT_CONFIG: Update to use Type QUALIFICATION for consistency DT_RESULT: Change Result /Competitor /EventUnitEntry @Org to S(20) to support additional information as in ORIS change DT_RESULT: Add EUE /TEAM_MEMBER at Result /Competitor /Composition /Athlete /EventUnitEntry Typographical corrections
V2.1	SFA	Typographical corrections
V2.2	APP	DT_PHASE_RESULT: Update Progress/LastUnit to be the same as from cumulative results. DT_PHASE_RESULT: Add Bib @ Result/Competitor DT_RANKING: Add Bib @ Result/Competitor & Result/Competitor/Composition/Athlete DT_CURRENT: Clarified the triggering. DT_RESULT & DT_CURRENT & DT_PHASE_RESULTS: Clarify when the individual vault scores are sent DT_RESULT: Clarify SECOND_VAULT & TEAM_MEMBER @ Result /Competitor /Composition /Athlete /EventUnitEntry Update the format of PENALTY to be a negative value throughout the document. Editorial improvements for clarity
V2.3	APP	CR16640: Add ODF Version @Competition CR17739: Change Name and TVTeamName to mandatory in DT_PARTIC_TEAMS CR17809: Change Participant/OlympicSolidarity to disallow N Editorial improvements without changing the intent.



V2.4	APP	DT_PARTIC: Update the description of Participant/Weight [CR18565] DT_CURRENT: Add element Result /Competitor /Composition /Athlete /EventUnitEntry [187412]
V3.0	SFA	DT_PARTIC: Remove height and weight DT_PARTIC_TEAM: Add Team/TeamType & Team/ShortName [CR019497] DT_RESULT: Update EUE/RESERVE at Result /Competitor /Composition /Athlete /EventUnitEntry DT_RESULT: Remove Result/Competitor/Bib as no bib at team level DT_RESULT: Update ER/SCORE at Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult DT_RESULT: Add Result/Diff DT_CUMULATIVE_RESULT: Remove Result/Competitor/Bib as no bib at team level DT_CUMULATIVE_RESULT: Add Result/Diff DT_CUMULATIVE_RESULT: Add Result/Pty DT_CUMULATIVE_RESULT: Update expected for DISCARDED at Result /ExtendedResults /ExtendedResult DT_RANKING: Remove Result/Competitor/Bib as no bib at team level Consistency: Update Rank to be numeric (#0) throughout DT_CONFIG: Update QUALIFICATION/QUAL_RULE at Configs /Config /ExtendedConfig to use SC @QualRule