Olympic Data Feed

ODF Gymnastics Trampoline Data Dictionary

22 June 2012
Technology Department
© International Olympic Committee

License

The document accompanying this license and the information contained therein (the Document), whether in a paper or electronic format, is made available to you subject to the terms stated below. By using and/or copying all or part of the Document, you (the licensee) agree that you will comply with the following terms and conditions.

1. You may, on a non-exclusive basis, use the Document only on the condition that you abide by the terms of this license. Subject to this condition and other terms and restrictions contained herein, the Document and the information contained therein may be used (i) to further develop the standards described in the Document for use in relation with the Olympic Games and/or (ii) to develop similar standards for other events than the Olympic Games (both (i) and (ii) are hereinafter designated as the Permitted Use, and works further developing these standards for the Olympic Games or developing similar standards for other events are hereinafter referred to as Derivative Works), and copies of the Document or of Derivative Works may be made and distributed for the purpose of the Permitted Use, PROVIDED THAT the COPYRIGHT and references to the IOC appearing in the Document and the TERMS OF THIS LICENSE are included on ALL such COPIES, and further PROVIDED THAT you do not charge any fee or any other monetary compensation for the distribution of the Document to others. The copyright and other intellectual property rights in the Document remain vested in the IOC and the IOC remains entitled to assert his copyright or other intellectual property rights in the Document against any person or entity who does not comply with the terms of this License.

2. A copy of any Derivative Work shall be provided to the IOC free of charge. Moreover, the IOC is granted a worldwide, perpetual, unrestricted, royalty-free non-exclusive license to use any Derivative Work for the further development of the standards made by or for the IOC in relation to the Olympic Games (these standards and the documents describing them are hereinafter referred to as Further Standards) and to make or have made all kinds of exploitation of the Further Standards, with the right to grant sub-licenses.

3. Except if reproduced in the Document, the use of the name and trademarks of the IOC is strictly prohibited, including, without limitation, for advertising, publicity, or in relation to products or services and their names. Any use of the name or trademarks of the IOC, whether registered or not, shall require the specific written prior permission of the IOC.

4. NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE REGARDING THE ACCURACY, ADEQUACY, COMPLETENESS, RELIABILITY OR USEFULNESS OF ANY INFORMATION CONTAINED IN THE DOCUMENT. The Document and the information contained herein are provided on an "as is" basis. THE IOC DISCLAIMS ALL WARRANTIES OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTY OF NON-INFRINGEMENT OF PROPRIETARY RIGHTS, MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL THE IOC BE LIABLE TO ANYONE FOR DAMAGES OF ANY KIND ARISING FROM OR RELATING TO YOUR ACQUISITION, USE, DUPLICATION, DISTRIBUTION, OR EXPLOITATION OF THE DOCUMENT OR ANY PORTION THEREOF, INCLUDING BUT NOT LIMITED TO, COMPENSATORY DAMAGES, LOST PROFITS, LOST DATA OR ANY FORM OF SPECIAL, INCIDENTAL, DIRECT, INDIRECT, CONSEQUENTIAL OR PUNITIVE DAMAGES, WHETHER BASED ON BREACH OF CONTRACT OR WARRANTY, TORT OR OTHERWISE. THE IOC FURTHER DISCLAIMS ANY LIABILITY FOR ANY DAMAGE CAUSED WHEN THE DOCUMENT IS USED IN A DERIVATIVE WORK. The IOC further disclaims any liability regarding the existence or inexistence of any intellectual property or other rights that might be claimed by third parties with respect to the implementation or use of the technology or information described in the Document.

The same conditions as those described in this Section shall apply mutatis mutandis to the license granted to the IOC on the Derivative Works in Section 2 above.

5. This License is perpetual subject to your conformance to its terms and conditions. The IOC may terminate this License immediately upon your breach of any of its terms and, upon such termination you will cease all use, duplication, distribution, and/or exploitation in any manner of the Document.

6. This License is governed by the laws of Switzerland. You agree that any disputes arising from or relating to this License will be resolved in the courts of Lausanne, Switzerland.

IF YOU DO NOT AGREE TO THESE TERMS YOU MUST CEASE ALL USE OF THE DOCUMENT NOW.

TABLE OF CONTENT

1   Introduction

1.1   This document

This document includes the ODF Gymnastics Trampoline Data Dictionary. This Data Dictionary refines the messages described in the ODF Central Messages Interface Document and ODF Sport Messages Interface Document specifically for Gymnastics Trampoline, as well as defines the codes used in these messages.

1.2   Objective

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

1.3   Main Audience

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

1.4   Glossary

The following abbreviations are used in this document

- **IF –** International Federation

- **IOC –** International Olympic Committee

- **NOC –** National Olympic Committee

- **ODF –** Olympic Data Feed

- **ODF-RT** – Olympic Data Feed Real Time

- **RSC –** Results System Codes

- **GT   –** Gymnastics Trampoline

- **WNPA –** World News Press Agencies

1.5   Related Documents

Document Reference	Document Title	Document Description
ODF/INT001	ODF Message Transmission Document	This document describes the technical standards to be used to transfer ODF messages between the message generators and the final ODF

		users
ODF/COD001	ODF Common Codes Document	This document describes the ODF codes used across the rest of the ODF documents
ODF/INT003	ODF Central Messages Interface Document	This document describes the ODF central messages
ODF/INT004	ODF Sport Messages Interface Document	This document describes the ODF sport messages, generated independently by each sport

2 Overall Perspective

2.1 Objective

The objective of this document is to focus on the formal definition of the ODF Gymnastics Trampoline Data Dictionary.

2.2 End to End data flow

The general rules as described in the documents referenced in the section 1.5 will have to be considered for a complete and formal definition. It is especially important the ODF Central Messages Interface Document and ODF Sport Messages Interface Document, since this ODF Gymnastics Trampoline Data Dictionary is a particularization of those documents.

In the following sections, for each ODF sport message it will be explained in further detail those elements, attributes, codes, ODF header, the trigger and frequency for each message generation, as well as the sort of the message that are particular in the case of Gymnastics Trampoline.

Any ODF Gymnastics Trampoline message should follow all the previous definitions in order to be considered as an ODF compliant message.

3   Codes

Several codes are used in the definition of the messages in this document. Any code will be referenced the following way:

CC @CodeEntity

CodeEntity is the name of the entity that identifies a particular set of codes.

The following table describes the codes entities used in document sorted by name, indicating whether the set of values can be found in the ODF Common Codes Document, or listed in the table itself, otherwise. Please refer to ODF Sport Messages Interface Document to know the format of these codes.

Code Entity	Code Entity Set of Values	
CC @Funcion	Defined in ODF Common Codes Document See enity MainFunction The entity's attribute to be used is Code	
CC @IRM (The codes order provided is according to the sport rules. In case of several IRM of the same code, sort by bib numbers in ascending order).	**Code**	**Description**
	DNS	Did not start
	DSQ	Disqualified
CC @Jury	**Code**	**Description**
	D1	Difficulty Judge 1
	D2	Difficulty Judge 2
	E1	Execution Judge 1
	E2	Execution Judge 2
	E3	Execution Judge 3
	E4	Execution Judge 4
	E5	Execution Judge 5
	ER1	Execution Reference Judge 1
	ER2	Execution Reference Judge 2
	Time_Judge	Time Judge
CC @QualificationMark	**Code**	**Description**
	Q	Qualified for final
	R	Reserve
CC @ResultType	SCORE	Valid Score
	NO_SCORE	No valid score
	IRM	Invalid Result Mark

4 Gymnastics Trampoline Data Extension

4.1   General Issues

The following sections extend and complete the information to be sent in each of the messages for this particular discipline, if some particularization is needed. If there are special considerations for any of the message types that have to be sent for this discipline, then they should be considered in the following sections. If nothing is mentioned for a particular message type, then the general rules, as defined either in the ODF Central Messages Interface Document or ODF Sport Messages Interface Document, should be respected for the messages described in the chapter 4 of this document.

4.1.1   ODF header

Regarding to the ODF header values, you should also follow the description in the ODF Central Messages Interface Document or ODF Sport Messages Interface Document. However, the following attributes could be refined for each message type regarding to the header values:

- ODF Header: DocumentCode.

4.1.2   Attributes Definition

The attributes types are explained in the section "5.1.2. Attributes Definition" of the ODF Central Messages Interface Document. Please, refer to that document for further information

5 Point in Time

5.1 Point in Time Applicable Messages

The following table is a full list of all ODF messages and describes the list of messages used in Gymnastics Trampoline, as well as the category of each message, which identifies if the message structure definition can be found either in the ODF Sport Messages Interface Document or ODF Central Messages Interface Document.

- 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 documented" indicates the document where you should go to have the general definition for a particular Message type

- The column "Message used in this sport" indicates whether a message is used in particular for this sport or not. If it is not ticked (X), then the message should not be used for this sport.

- The column "Message extended in this document" indicates whether a particular message has extended definition in regards to those that are general for all sports. Any message ticked (X) in this column should also be ticked in the "Message used in this sport column". If one message has extended definition, it should be considered both, the extensions as well as the general rules for one message that is used in the case of the sport. However, if one particular message is not extended, then it should follow the general definition rules.

Message Type	Message name	Message documented	Message used in this sport	Message extended in this document
DT_SCHEDULE	Competition schedule	Central	X	
DT_SCHEDULE_UPDATE	Competition schedule update	Central	X	
DT_PARTIC	List of participants by discipline	Central	X	X
DT_PARTIC_UPDATE	List of participants by discipline update	Central	X	X
DT_PARTIC_TEAMS	List of teams	Central	X	
DT_PARTIC_TEAMS_UPDATE	List of teams update	Central	X	
DT_PARTIC_HORSES	List of equestrian horses	Central		
DT_PARTIC_HORSES_UPDATE	List of horses update	Central		
DT_MEDALS	Medal standings	Central	Global	
DT_MEDALLISTS_DAY	Medallists of the day	Central	Global	
DT_HISTORIC_RECORD	Historical records	Central		
DT_HIST_REC_UPDATE	Historical records update	Central		

DT_GLOBAL_GM	Global good morning	Central	Global	
DT_GLOBAL_GN	Global good night	Central	Global	
DT_MEDALLISTS_DISCIPLINE	Medallists by discipline	Sports	X	
DT_START_LIST	Start List	Sports	X	X
DT_RESULT	Event Unit Results	Sports	X	X
DT_PHASE_RESULT	Phase Results	Sports		
DT_CUMULATIVE_RESULT	Cumulative Results	Sports		
DT_POOL_STANDING	Pool Standings of group in a team competition	Sports		
DT_RANKING	Event Final ranking	Sports	X	
DT_STATS	Statistics table	Sports		
DT_MEDALLISTS	Medallists of one event	Sports	X	
DT_RECORD	Records	Sports	X	
DT_COMMUNICATION	Official Communication	Sports	X	
DT_BRACKETS	Brackets	Sports		
DT_GM	Discipline/venue good morning	Sports	X	
DT_GN	Discipline/venue good night	Sports	X	
DT_FED_RANKING	Federation Ranking	Sports		
DT_CONFIG	Discipline Configuration	Sports	X	X
DT_WEATHER	Event Unit Weather conditions	Sports		
DT_SERIAL	List of Current PiT Serial	Sports	X	

5.1.1 List of participants by discipline / List of participants by discipline update

5.1.1.1 Description

This message is the List of participants by discipline message as described in the ODF Central Messages Interface Document.

5.1.1.2 Header Values

The DocumentCode attribute in the ODF header will be sent according to the ODF Common Codes document (header values sheet).

5.1.1.3 Trigger and Frequency

Please, follow the general definition.

5.1.1.4 Message Structure

Please, follow the general definition.

5.1.1.5 Message Values

The following table lists the List of athletes by discipline optional attributes (defined in the ODF Central Messages Interface Document) that are used in the case of Gymnastics Trampoline, as well as the attributes that have an extended definition.

Element	Attribute	M/O	Value	Comments
Participant	MainFunctionId	M	CC @Function	Main function
Participant /Discipline	InternationalFederationId	O	S(16)	FIG Licence Number. It will be included if this information is available. Only for the athletes
Athlete /Discipline /RegisteredEvent	Bib	O	String	Athlete's bib number, to be sent mandatory in all the event units

5.1.1.6 Message sort

Please, follow the general definition.

5.1.2 Start List

5.1.2.1 Description

This message is the Start List message as described in the ODF Sport Messages Interface Document.

5.1.2.2 Header Values

The DocumentCode attribute in the ODF header will be sent according to the ODF Common Codes document (header values sheet).

5.1.2.3 Trigger and Frequency

Please, follow the general definition.

5.1.2.4 Message Structure

The optional elements defined for this message in the ODF Sport Messages Interface Document that should be included in the case of Gymnastics Trampoline are:

- Officials /Official

In the next section (message values), there is a more detailed definition.

5.1.2.5 Message Values

The following table lists the Start List optional attributes (defined in the ODF Sport Messages Interface Document) that are used in the case of Gymnastics Trampoline, as well as the attributes that have an extended definition.

Element	Attribute	M/O	Value	Comments
Start	StartOrder	M	Numeric	Start order of the competitor in the start list
Start /Competitor /Composition /Athlete	Bib	O	String	Athlete's bib number, to be sent mandatory for all the events
Officials /Official	Code	M	S(20) with no leading zeroes	Official ID
	Function	M	CC @Function or CC @Jury	For Superior Jury send CC @Function For judges send CC @Jury
	Order	M	N(1)	Send order according with ORIS

The following table describes in more detail the /Officials/Official/ExtOfficial element element in the case of Gymnastics Trampoline.

Element: /Officials/Official/ExtOfficial				
Type	Code	Pos	Value	Description
EO_OFFICIAL_GT	GT_JURY		Y/N	For @Type: Send proposed type
				For @Code: Send proposed code
				For @Pos: Do not send anything
				For @Value: Send Y if the official is part of the Jury Send N if the official is part of the Superior Jury or Chair of Judges' Panel

For the table above, we have the following additional/summary information:

Element: /Officials/Official/ExtOfficial		
Type /Code	**Description**	**Expected**
EO_OFFICIAL_GT/GT_JURY	Indicates if the official is part of the Jury	Always

The following table describes in more detail the Start /Competitor /Composition /Athlete /EventUnitEntry element.

Element: Start /Competitor /Composition /Athlete /EventUnitEntry				
Type	**Code**	**Pos**	**Value**	**Description**
EUE_GT	GT_IRM		CC @IRM	For @Type: Send proposed type
				For @Code: Send proposed code
				For @Pos : Do not send anything
				For @Value: Send the proposed code
	GT_RESERVE		Y/N	For @Type: Send proposed type
				For @Code: Send proposed code
				For @Pos : Do not send anything
				For @Value: Send 'Y' if the athlete is reserve.

For the table above, we have the following additional/summary information:

Type /Code	Description	Expected
EUE_GT /GT_IRM	Invalid Result mark	When applies
EUE_GT/GT_RESERVE	Flag for Reserve gymnasts	When applies

5.1.2.6 Message sort

Please, follow the general definition.

5.1.3 Event Unit Results

5.1.3.1 Description

This message is the Event Unit Results message as described in the ODF Sport Messages Interface Document.

5.1.3.2 Header Values

The DocumentCode attribute in the ODF header will be sent according to the ODF Common Codes document (header values sheet).

5.1.3.3 Trigger and Frequency

Please, follow the general definition, taking also into account the following

- For Qualification, after the 1st voluntary routine, the message will sent with the intermediate results

  o ResultStatus in the headers will have the value "INTERIM"

5.1.3.4 Message Structure

The optional elements defined for this message in the ODF Sport Messages Interface Document that should be included in the case of Gymnastics Trampoline are:

- UnitInfo

- Competitor /Composition /Athlete /ExtendedResults

5.1.3.5 Message Values

The following table lists the Event Unit Results optional and/or extended attributes (defined in the ODF Sport Messages Interface Document), as well as the attributes that have an extended definition.

Element	Attribute	M/O	Value	Comments
Result	Rank	O	Numeric	Rank of the competitor in the corresponding event unit. This attribute is optional because the competitor could get an invalid rank mark.
	RankEqual	O	Y/N	It must send always that the attribute Rank is send, it identify if a rank has been equalled.
	ResultType	M	CC @ResultType	Result type
	Result	O	N(2).N(3) 90.000	Score Numeric with a maximum of 5 digits
	SortOrder	M	Numeric	This attribute is a sequential number with the order of the results for the particular event unit, 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.
	IRM	O	CC@IRM	Invalid Result Marck
	QualificationMark	O	CC @Qualification	The code which gives an indication on the qualification of the competitor for the next round of the competition.

The following table describes in more detail the UnitInfo element in the case of Gymnastics Trampoline.

Element: UnitInfo

Type	Code	Pos	Value	Description
UI_GT	GT_ROUTINE		N(2)	For @Type: Send proposed type
				For @Code: Send proposed code
				For @Pos: Do not send anything
				For @Value: Send the current routine
	GT_LAST_QUAL		S(20) with no leading zeros	For @Type: Send proposed type
				For @Code: Send proposed code
				For @Pos: Do not send anything
				For @Value: ID of the last competitor qualified
	GT_LAST_QUAL_RANK		N(1) 9	For @Type: Send proposed type
				For @Code: Send proposed code
				For @Pos: Do not send anything
				For @Value: Send the rank of the last competitor qualified

For the table above, we have the following additional/summary information:

Type /Code	Description	Expected
UI_GT/GT_ROUTINE	Apparatus detailed result	Always.
UI_GT/GT_LAST_QUAL	ID of the last competitor qualified During the progress of each rotation in the qualification, it must contain the ID for the competitor with rank 4, 5 …x where x is the last qualifying place.	When 4 or more competitors are qualified
UI_GT/GT_LAST_QUAL_RANK	Rank of the last competitor qualified During the progress of each rotation in the qualification, it must contain the rank for the competitor with rank 4, 5 …x where x is the last qualifying place.	When 4 or more competitors are qualified

The following table describes in more detail the Competitor /Composition /Athlete /ExtendedResults /ExtendedResult element.

Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult

Type	Code	Extension Code	Pos	Value	Description
ER_GT	GT_ROUTINE		N(1) 9	N(2).N(3) 90.000	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: 1..2 (Only for Qualification) 1: 1st Routine 2: 2nd Routine
					For @Value: Total points
		GT_RESULT_TYPE		CC @ResultType	For @Type: Send proposed type

Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult

Type	Code	Extension Code	Pos	Value	Description
					For @Code: Send proposed extension code
					For @Pos: Do not send anything
					For @Value: Send appropriate code
		GT_RANK		N(3) 990	For @Type: Send proposed type
					For @Code: Send proposed extension code
					For @ Pos: Do not send anything
					For @Value: Routine Rank
		GT_ERANK		Y/N	For @Type: Send proposed type
					For @Code: Send proposed extension code
					For @ Pos: Do not send anything
					For @Value: Send Y if the rank is equalled
		GT_ORDER		N(3) 990	For @Type: Send proposed type
					For @Code: Send proposed extension code
					For @ Pos: Do not send anything
					For @Value: This attribute is a sequential number with the order of the results for the particular routine. It is mostly based on the routine rank, but it should be used to sort out routine rank ties as well as results without routine rank.
		GT_PEN		N(2).N(3) 90.000	For @Type: Send proposed type
					For @Code: Send proposed extension code
					For @Pos: Do not send anything
					For @Value: Penalty Points
		GT_DIFF		N(2).N(3) 90.000	For @Type: Send proposed code
					For @Code: Send proposed extension code
					For @Pos: Do not send anything
					For @Value: Difficulty Points
		GT_EXEC		N(2).N(3) 90.000	For @Type: Send proposed code
					For @Code: Send proposed extension code
					For @Pos: Do not send anything
					For @Value: Execution Points
		GT_TIME		N(2).N(3)	For @Type:

Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult

Type	Code	Extension Code	Pos	Value	Description
				90.000	Send proposed code
					For @Code: Send proposed extension code
					For @Pos: Do not send anything
					For @Value: Time Points
		GT_SCORE		N(2).N(3) 90.000	For @Type: Send proposed code
					For @Code: Send proposed extension code
					For @Pos: Do not send anything
					For @Value: Routine total points
		GT_IRM		CC @IRM	For @Type: Send proposed code
					For @Code: Send proposed extension code
					For @Pos: Do not send anything
					For @Value: IRM Code

For the table above, we have the following additional/summary information:

Type /Code	CodeExtension	Description	Expected
ER_GT /GT_ROUTINE		Final Result points for each routine	Always. For Final, this field will be empty.
	GT_RESULT_TYPE	Result Type	Always
	GT_RANK	Routine Rank	When @ResultType=SCORE(Only for Qualification.)
	GT_ERANK	Routine Rank Equalled	When @ResultType=SCORE(Only for Qualification.)
	GT_ORDER	Sequential number with the order of the results for the particular routine. It is mostly based on the routine rank, but it should be used to sort out routine rank ties as well as results without routine rank.	Always
	GT_PEN	Penalty Points	If applies
	GT_DIFF	Difficulty Points	Always
	GT_EXEC	Execution Points	Always
	GT_TIME	Time Points	Always
	GT_SCORE	Judge Score	When @ResultType=SCORE
	GT_IRM	IRM	When @ResultType=IRM

5.1.3.6 Message sort

Please, follow the general definition.

5.1.4 Event's Medallists

5.1.4.1 Description

This message is the Event's Medallists message as described in the ODF Sport Messages Interface Document.

In the case of Gymnastics Trampoline, the message has to be sent for all the competition events, as listed in the header values section.

5.1.4.2 Header Values

The DocumentCode attribute in the ODF header will be sent according for all the competition events to the ODF Common Codes document (header values sheet).

5.1.4.3 Trigger and Frequency

Please, follow the general definition.

5.1.4.4 Message Structure

Please, follow the general definition.

5.1.4.5 Message Values

Please, follow the general definition.

5.1.4.6 Message sort

Please, follow the general definition.

5.1.5 Discipline/venue good morning

5.1.5.1 Description

This message is the Discipline/venue good morning message as described in the ODF Sport Messages Interface Document.

5.1.5.2 Header Values

The DocumentCode attribute in the ODF header will be sent according to the discipline/venue pairs as described in the ODF Common Codes document.

5.1.5.3 Trigger and Frequency

Please, follow the general definition.

5.1.5.4 Message Structure

Please, follow the general definition.

5.1.5.5 Message Values

Please, follow the general definition.

5.1.5.6 Message sort

Please, follow the general definition.

5.1.6 Discipline/venue good night

5.1.6.1 Description

This message is the Discipline/venue good night message as described in the ODF Sport Messages Interface Document.

5.1.6.2 Header Values

The DocumentCode attribute in the ODF header will be sent according to the discipline/venue pairs as described in the ODF Common Codes document.

5.1.6.3 Trigger and Frequency

Please, follow the general definition.

5.1.6.4 Message Structure

Please, follow the general definition.

5.1.6.5 Message Values

Please, follow the general definition.

5.1.6.6 Message sort

Please, follow the general definition.

5.1.7 Discipline configuration

5.1.7.1 Description

This message is the Discipline configuration message as described in the ODF Sport Messages Interface Document.

5.1.7.2 Header Values

Please, follow the general definition.

5.1.7.3 Trigger and Frequency

Please, follow the general definition.

5.1.7.4 Message Structure

Please, follow the general definition.

5.1.7.5 Message Values

Send the attributes and codes according to the tables described in this section.

The following table lists the Discipline configuration optional and/or extended attributes (defined in the ODF Sport Messages Interface Document), as well as the attributes that have an extended definition.

Element	Attribute	M/O	Value	Comments
Config	Gender	M	*S(1)*	Gender code

The following table describes in more detail the Competition /Configs /Config /ExtendedConfig element.

Type	Code	Extended ConfigItem Code	Pos	Value	Description
EC_GT	GT_QUALIFICATION			S(N)	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos Send numeric from 1 to N for each subdivision
					For @Value: Send the text with the qualification criteria

For the table above, we have the following additional/summary information

Type /Code	ExtendedConfigItem Code	Description	Expected
EC_GT/GT_QUALIFICATION		Qualification Criteria	Always

5.1.7.6 Message sort

Please, follow the general definition.

6 Real time

The following chapter describes the ODF-RT part of Gymnastics Trampoline.

6.1 Real Time Applicable Messages

The next table is a full list of all ODF-RT messages and describes the list of messages used in Gymnastics Trampoline the same way as it is done in the table of chapter 4.

Message Type	Message name	Message documented	Message used in this sport	Message extended in this document
DT_RT_GM	RT Discipline/Venue good morning	Sports	X	
DT_RT_GN	RT Discipline/venue good night	Sports	X	
DT_RT_KA	RT Discipline/venue keep alive	Sports	X	
DT_RT_RESULT	RT Results	Sports	X	X

6.1.1 RT Event Unit Results

6.1.1.1 Description

This message is the RT Event Unit Results message as described in the ODF Sport Messages Interface Document.

6.1.1.2 Header Values

The ODF header will be sent according to the ODF Common Codes document. Attribute @ResultStatus should always be either "LIVE_UPDATE" or "LIVE_FULL".

6.1.1.3 Trigger and Frequency

The following is the trigger for this message in ODF-RT:

- ResultStatus = "LIVE_UPDATE"

    o T1 : Before competition starts

    o T2: When each competitor score is released

- ResultStatus = "LIVE_FULL"

    o This value should be suggested after further testing and sent in the DT_RT_GM message after further testing

6.1.1.4 Message Structure

The optional elements defined for this message in the ODF Sport Messages Interface Document that should be included in the case of Alpine Skiing are:

- UnitInfo

- Competitor /Composition /Athlete /ExtendedResults /ExtendedResult

Please, follow the general considerations for both LIVE_UPDATE and LIVE_FULL messages.

In the next section (message values), there is a more detailed definition.

6.1.1.5 Message Values

In the case of ResultStatus="LIVE_FULL", send all attributes and codes according to the tables described in this section.

In the case of ResultStatus="LIVE_UPDATE", send just the updated attributes and codes according to the tables described in this section.

The following table describes in more detail the Result element.

Element	Attribute	M/O	Value	Comments
Result	Rank	O	Numeric	Rank of the competitor in the corresponding event unit. This attribute is optional because the competitor could get an invalid rank mark.
	RankEqual	O	Y/N	It must send always that the attribute Rank is send, it identify if a rank has been equalled.
	ResultType	M	CC @ResultType	Result type

Element	Attribute	M/O	Value	Comments
	Result	O	N(2).N(3) 90.000	Score Numeric with a maximum of 4 digits
	SortOrder	M	Numeric	This attribute is a sequential number with the order of the results for the particular event unit, 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.
	IRM	O	CC @IRM	Invalid Result Mark.
	QualificationMark	O	CC @Qualification	The code which gives an indication on the qualification of the competitor for the next round of the competition.

The following table describes in more detail the UnitInfo element in the case of Gymnastics Trampoline.

Element: UnitInfo				
Type	**Code**	**Pos**	**Value**	**Description**
UI_GT	GT_ROUTINE		N(2)	For @Type: Send proposed type
				For @Code: Send proposed code
				For @Pos: Do not send anything
				For @Value: Send the current routine
	GT_LAST_QUAL		S(20) with no leading zeros	For @Type: Send proposed type
				For @Code: Send proposed code
				For @Pos: Do not send anything
				For @Value: ID of the last competitor qualified
	GT_LAST_QUAL_RANK		N(1) 9	For @Type: Send proposed type
				For @Code: Send proposed code
				For @Pos: Do not send anything
				For @Value: Send the rank of the last competitor qualified

For the table above, we have the following additional/summary information:

Type /Code	Description	LIVE_UPDATE RT trigger expected
UI_GT/GT_ROUTINE	Apparatus detailed result	T1
UI_GT/GT_LAST_QUAL	ID of the last competitor qualified During the progress of each rotation in the qualification, it must contain the ID for the competitor with rank 4, 5 …x where x is the last qualifying place.	T2
UI_GT/GT_LAST_QUAL_RANK	Rank of the last competitor qualified During the progress of each rotation in the qualification, it must contain the rank for the competitor with rank 4, 5 …x where x is the last qualifying place.	T2

The following table describes in more detail the Competitor /Composition /Athlete /ExtendedResults /ExtendedResult element.

| **Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult** |
Type	**Code**	**Extension Code**	**Pos**	**Value**	**Description**
ER _GT	GT_LAST_SCORED			Y/N	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything
					For @Value: Send the appropriate code
	GT_CURRENT			Y/N	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything
					For @Value: Send the appropriate code
	GT_ROUTINE		N(1) 9	N(2).N(3) 90.000	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: 1..2 (Only for Qualification) 1: 1st Routine 2: 2nd Routine
					For @Value: Total points
		GT_RESULT_TYPE		CC @ResultType	For @Type: Send proposed type
					For @Code: Send proposed extension code
					For @Pos Do not send anything
					For @Value: Send appropriate code
		GT_RANK		N(3) 990	For @Type: Send proposed type
					For @Code: Send proposed extension code
					For @ Pos: Do not send anything
					For @Value: Routine Rank
		GT_ERANK		Y/N	For @Type: Send proposed type
					For @Code: Send proposed extension code
					For @ Pos: Do not send anything
					For @Value: Send Y if the rank is equalled, otherwise N
		GT_ORDER		N(3) 990	For @Type: Send proposed type
					For @Code: Send proposed extension code
					For @ Pos: Do not send anything

Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult

Type	Code	Extension Code	Pos	Value	Description
					For @Value: This attribute is a sequential number with the order of the results for the particular routine. It is mostly based on the routine rank, but it should be used to sort out routine rank ties as well as results without routine rank.
		GT_PEN		N(2).N(3) 90.000	For @Type: Send proposed type
					For @Code: Send proposed extension code
					For @Pos: Do not send anything
					For @Value: Penalty Points
		GT_DIFF		N(2).N(3) 90.000	For @Type: Send proposed code
					For @Code: Send proposed extension code
					For @Pos: Do not send anything
					For @Value: Difficulty Points
		GT_EXEC		N(2).N(3) 90.000	For @Type: Send proposed code
					For @Code: Send proposed extension code
					For @Pos: Do not send anything
					For @Value: Execution Points
		GT_TIME		N(2).N(3) 90.000	For @Type: Send proposed code
					For @Code: Send proposed extension code
					For @Pos: Do not send anything
					For @Value: Time Points
		GT_SCORE		N(2).N(3) 90.000	For @Type: Send proposed code
					For @Code: Send proposed extension code
					For @Pos: Do not send anything
					For @Value: Routine total points
		GT_IRM		CC @IRM	For @Type: Send proposed code
					For @Code: Send proposed extension code
					For @Pos: Do not send anything
					For @Value: IRM Code

For the table above, we have the following additional/summary information:

Type /Code	CodeExtension	Description	LIVE_UPDATE RT trigger expected
ER_GT /GT_LAST_SCORED		Flag to indicate that the gymnast is the last scored	T2
ER_GT /GT_CURRENT		Flag to indicate that the gymnast is the current	T1,T2
ER_GT /GT_ROUTINE		Final Result points for each routine	T2
	GT_RESULT_TYPE	Result Type	T1(Next Athlete),T2
	GT_RANK	Routine Rank	T2
	GT_ERANK	Routine Rank Equalled	T2
	GT_ORDER	Sequential number with the order of the results for the particular routine. It is mostly based on the routine rank, but it should be used to sort out routine rank ties as well as results without routine rank.	T2
	GT_DIFF	Difficulty Points	T2
	GT_PEN	Penalty Points	T2
	GT_EXEC	Execution Points	T2
	GT_TIME	Time Points	T2
	GT_SCORE	Judge Score	T2
	GT_IRM	IRM	T2

6.1.1.6 Message sort

Please, follow the general definition.

DOCUMENT CONTROL

Version history

Version	Date	Comments
R2 1.0	2 Mar 2009	Submitted for review version
R2 2.0	30 Mar 2009	Submitted for approval version
R2 3.0	27 Apr 2009	Approved version
R2 4.0	22 May 2009	After improvements presented in last WNPA meeting
R2 4.1	17 Jul 2009	Some minor corrections and added the copyright
R2 4.2	28 Jun 2010	Added several fields due to development
R2 5.0	11 Mar 2011	Changes after the ORIS meeting
R2 6.0	8 Jul 2011	CR002126 and some corrections
R2 7.0	2 Dec 2011	CR004912e
R2 8.0	10 Feb 2012	IR0101
R2 8.1	13 Apr 2012	Defects 52470, 69140
R2 9.0	22 Jun 2012	CR010315, CR010445

File reference: ODF/INT038-R2-v9.0 APP (GT)

Change Log

Version	Status	Changes on version
R2 1.0	SFR	• First version
R2 2.0	SFA	• Codes: Changed DQ for DSQ • General: All the results format changed to N(2).N(3) • Start List: Bib attribute changed to optional • Start List: Order attribute changed to mandatory • Results: Added new element GT_EXECUTION • Results: Removed GT_JUDGE_MARK, added GT_JUDGE_MARK_EXEC, GT_JUDGE_MARK DIFF • RT Results: GT_POINTS_BEHIND format changed to N(2).N(3)
R2 3.0	APP	• Codes: Changed ' JUDGE_PANEL_DIFFICULTY' to 'JUDGE_PANEL_D' and 'JUDGE_PANEL_EXECUTION' to 'JUDGE_PANEL_E' • Results: Element 'GT_PENALTY' changed to 'GT_PEN', changed the format to N(2).N(2) • Results: Element 'GT_DIFFICULTY' changed to 'GT_DIFF'' • Results: Element 'GT_EXECUTION' changed to 'GT_EXEC' • RT Results: Element 'GT_PENALTY' changed to 'GT_PEN', changed the format to N(2).N(2) • RT Results: Element 'GT_DIFFICULTY' changed to 'GT_DIFF'' • RT Results: Added element 'GT_EXEC'
R2 4.0	APP	• Delete all references to the DT_PARTIC_ATHLETES, DT_PARTIC_ATHLETES_UPDATE, DT_PARTIC_OFFICIALS, DT_PARTIC_OFFICIALS_UPDATE, DT_PARTIC_HISTORIC, DT_TEAM_HISTORIC messages • Include four new messages DT_PARTIC, DT_PARTIC_UPDATE, DT_HIST_REC_UPDATE and DT_WEATHER.
R2 4.1	APP	• Some minor corrections and added the copyright
R2 4.2	APP	• Start List: Added GT_IRM • Disc Config: Added message. • RT EU Results: Added Unitinfo element • RT EU Results: Added GT_LAST_SCORED, GT_CURRENT, GT_HIGH_MARK and GT_LOW_MARK elements.
R2 5.0	APP	• IR03: Bib attribute in List of participants and Start List messages changed from Numeric to String • Codes: added a reference for the format details • General: update the Y/N values • General: renamed GT_RANK_EQUAL attribute to GT_ERANK • Merge EU Results and RT EU Results data: added UnitInfo element and GT_POINTS_BEHIND to EU Results • General: defined all scores and penalties format with 3 decimal places • RT EU Results: UnitInfo updated GT_LAST_QUAL description • RT EU Results: UnitInfo added GT_LAST_QUAL_RANK • EU Results: UnitInfo added GT_ROUTINE, GT_LAST_QUAL, GT_LAST_QUAL_RANK. • EU Results, RT EU Results: updated GT_RANK format • EU Results, RT EU Results: added GT_ORDER • EU Results, RT EU Results: updated definition for GT_POINTS_BEHIND • EU Results: removed GT_JUDGE_MARK_DIFF, GT_JUDGE_MARK_EXEC • RT EU Results: removed GT_JUDGE_MARK, GT_HIGH_MARK, GT_LOW_MARK • Codes: removed @JudgePosition and added @Function and @Jury codes • Start List: Officials /Official replaced CC @JudgePosition with CC @Function or CC @Jury

Change Log

Version	Status	Changes on version
		• Start List: added Officials /Official / ExtOfficial element with GT_JURY • List of participants: defined MainFuncionId values • Start List: Officials/Official defined format for Code and Order attributes
R2 6.0	APP	• EU Results /RT EU Results Added element GT_TIME • EU Results /RT EU Results Added @IRM attribute to Result element • CR002126: removed all Tie Break data • Removed mark for DT_RANKING as message extended in this document • Start List: added EventUnitEntry GT_RESERVE • EU Results / RT EU Results: GT_POINTS_BEHIND changed value to String and updated description • EU Results /RT EU Results: moved GT_POINTS_BEHIND from Extension to ExtendedResult element • Moved Document Control section to the end of the document • RT EU Results: updated comments about ResultStatus

R2 7.0	APP	• CR004912e:
		  - ER Results / RT EU Results: removed ExtendedResult GT_POINTS_BEHIND
		  - ER Results / RT EU Results: added ExtendedResult GT_TO_QUALIFY

R2 8.0	APP	• IR0101: Add DT_SERIAL message in the PiT messages.
R2 8.1	APP	• Defect 52470: All references to values for CC@Function in DT_PARTIC have been removed. • Defect 69140: Participant /Discipline @InternationalFederationId attribute has been added in List of participants by discipline.
R2 9.0	APP	• CR010315: EU Results / RT EU Results: removed GT_TO_QUALIFY • CR010445: CC @IRM: Removed IRM code "DNF - Did Not Finish"

This page has been intentionally left blank