



INTERNATIONAL OLYMPIC COMMITTEE

ODF/INT318 R2 v1.2 APP (GT)

Olympic Data Feed

ODF Gymnastics Trampoline Data Dictionary

28 February 2014
Technology and Information Department
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1 Introduction

1.1 This document

This document includes the ODF Gymnastics Trampoline Data Dictionary for Nanjing 2014 Youth Olympics. This Data Dictionary refines the messages described in the ODF General 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 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 for Nanjing 2014 Youth Olympics 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 or International Federation	The international governing body of an Olympic Sport as recognized by the IOC
IOC	International Olympic Committee
IPC	International Paralympic Committee
NOC	National Olympic Committee
ODF	Olympic Data Feed
RSC	Results System Codes, determine uniquely one unit of the competition, specifying the discipline, gender, event, phase and unit.
Sport	is administered by an international federation and can be composed of one or more disciplines
WNPA	World News Press Agencies

1.5 Related Documents

Document Reference	Document Title	Document Description
ODF/COD001	ODF Common Codes Document	This document describes the ODF codes used across the



		rest of the ODF documents
ODF/INT300	ODF General Messages Interface Document	This document describes the ODF general messages



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 General Messages Interface since this ODF Gymnastics Trampoline Data Dictionary is a particularization of this document.

In the following sections, for each ODF General 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 General Messages Interface Document to know the format of these codes.

Code Entity	Code Entity Set of Values	
CC @Function	Defined in ODF Common Codes Document See entity Function <ul style="list-style-type: none"> The entity's attribute to be used is Code 	
CC @IRM	Code	Description
	DNS	Did not start
	DSQ	Disqualified
CC @QualificationMark	Code	Description
	Q	Qualified
	R1	Reserve 1
	R2	Reserve 2
	R3	Reserve 3
	R4	Reserve 4
CC @ResultType	Code	Description
	SCORE	Valid Score
	NO_SCORE	No valid Score
	IRM	Invalid Result Mark
CC @ResultsFunction	Defined in ODF Common Codes - Results Functions by Sport Document. <ul style="list-style-type: none"> The Attribute to be used is ID 	



4 Point in Time

4.1 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.

- 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 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 used in this sport	Message extended in this document
DT_SCHEDULE	Competition schedule	X	
DT_SCHEDULE_UPDATE	Competition schedule update	X	
DT_PARTIC	List of participants by discipline	X	X
DT_PARTIC_TEAMS	List of teams		
DT_PARTIC_HORSES	List of equestrian horses		
DT_START_LIST	Start List	X	X
DT_RESULT	Event Unit Results	X	X
DT_PHASE_RESULT	Phase Results		
DT_CUMULATIVE_RESULT	Cumulative Results		
DT_POOL_STANDING	Pool Standings		
DT_BRACKETS	Brackets		
DT_RANKING	Event Final ranking	X	
DT_MEDALLISTS	Medallists of one event	X	



4.1.1 List of participants by discipline

4.1.1.1 Description

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

4.1.1.2 Header Values

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

4.1.1.3 Trigger and Frequency

Please, follow the general definition.

4.1.1.4 Message Structure

Please, follow the general definition.

4.1.1.5 Message Values

The following table lists the List of athletes by discipline optional attributes (defined in the ODF General 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	M	S(16)	FIG Licence Number. It will be included if this information is available. Only for athletes and judges
Participant /Discipline /RegisteredEvent	Bib	O	String	Athlete's bib number, to be sent mandatory in all the event units

4.1.1.6 Message sort

Please, follow the general definition.



4.1.2 Start List

4.1.2.1 Description

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

4.1.2.2 Header Values

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

4.1.2.3 Trigger and Frequency

Please, follow the general definition.

4.1.2.4 Message Structure

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

- Officials /Official /ExtOfficial
- Start /Competitor /Composition /Athlete /EventUnitEntry

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

4.1.2.5 Message Values

The following table lists the Start List optional attributes (defined in the ODF General 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	Order	M	Numeric	To send but not to be used
	Bib	O	String	Athlete Bib Number
Officials/Official	Code	M	S(20) with no leading zeroes	Official ID
	Function	M	CC @Results Function	Send according to the codes
	Order	M	N(2)	Send order according with YORIS

The following table describes in more detail the /Officials/Official/ExtOfficial 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



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

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
EUE_GT	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

4.1.2.6 Message sort

Please, follow the general definition.



4.1.3 Event Unit Results

4.1.3.1 Description

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

4.1.3.2 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).

4.1.3.3 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
 - ResultStatus in the headers will have the value “INTERIM”

4.1.3.4 Message Structure

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

- UnitInfo
- Competitor /Composition /Athlete /ExtendedResults /ExtendedResult

4.1.3.5 Message Values

The following table lists the Event Unit Results optional and/or extended attributes (defined in the ODF General 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 be 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
	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	IRM for the particular event unit Send just in the case @ResultType is IRM
	QualificationMark	O	CC @QualificationMark	Send only if the competitor get a valid qualification mark

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	

4.1.3.6 Message sort

Please, follow the general definition.



DOCUMENT CONTROL

Version history

Version	Date	Comments
R2 v1.0	5 December 2013	First version SFR
R2 v1.1	20 December 2013	SFA, updated with reviewers comments
R2 v1.2	28 February 2014	APP

File reference: ODF/INT318 R2 v1.2 APP (GT)

Change Log

Version	Status	Changes on version
R2 v1.0	SFR	<ul style="list-style-type: none">• First version
R2 v1.1	SFA	<ul style="list-style-type: none">• Introduction: added reference to Nanjing 2014 Youth Olympics• DT_PARTIC: InternationalFederationId should be mandatory for athletes and judges• DT_PARTIC: Bib changed to optional
R2 v1.2	APP	<ul style="list-style-type: none">• Removed DT_PARTIC_HORSES message• Added DT_SCHEDULE_UPDATE message



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