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Olympic Data Feed

ODF Canoe Data Dictionary

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Technology Department
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1 Introduction

1.1 This document

This document includes the ODF Canoe Data Dictionary for Nanjing 2014 Youth Olympics. This Data Dictionary refines the messages described in the ODF General Messages Interface Document specifically for Canoe, 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 Canoe Data Dictionary, with the intention that the information message producer and the message consumer can successfully interchange the information as the Canoe 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
ODF-PiT	Olympic Data Feed Point in Time, messages that are generated at certain point during competition
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	This document describes the ODF general messages



	Document	
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2 Overall Perspective

2.1 Objective

The objective of this document is to focus on the formal definition of the ODF Canoe 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 Document since this ODF Canoe 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 Canoe.

Any ODF Canoe 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 The entity's attribute to be used is Code	
CC @IRM	Code	Description
	DNF	Did not finish
	DNS	Did not start
	DSQ	Disqualified
CC @QualificationMark	Code	Description
	Q	Qualified for Final
	QR	Qualified to Repechage
	QF	Qualified to Last 16
CC @ResultType	Code	Description
	IRM_TIME	IRM status
	TIME	Time
CC @SpeedUnit	Code	Description
	ms	m/s
CC @TemperatureUnit	Code	Description
	C	Celsius
CC @TypeCompetition	Code	Description
	CCH	Continental Championships
	ECH	European Championships
	IR	International regatta
	OG	Olympic Games
	WC	World Cup
	WCH	World Championships
CC @WindDirection	Defined in ODF Common Codes Document See entity Weather Conditions	



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 Canoe, as well as the category of each message, which identifies if the message structure definition can be found either in the ODF General Messages Interface Document or ODF General 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 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_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_RANKING	Event Final ranking	X	X
DT_MEDALLISTS	Medallists of one event	X	X
DT_BRACKETS	Brackets		
DT_FED_RANKING	Federation Ranking		



4.1.1 List of participants by discipline

4.1.1.1 Description

This message is the List of participants by discipline (and the update), for that discipline it is the list of athletes and historical athletes, as described in the ODF General Messages Interface Document.

4.1.1.2 Header Values

The definition in the ODF General Messages Interface Document is valid

4.1.1.3 Trigger and Frequency

The definition in the ODF General Messages Interface Document is valid And in the case when the venue results becomes owner of data.

4.1.1.4 Message Structure

Please, follow the general definition.

4.1.1.5 Message Values

The following table lists the “List of participants by discipline/ update” optional attributes (defined in the ODF General Messages Interface Document) that are used in the case Canoe, as well as the attributes that have an extended definition.

Element	Attribute	M/O	Value	Comments
Participant	GivenName	M	S(25)	Given name in WNPA format (mixed case)
	BirthDate	O	YYYYMMDD	Date of birth for the athlete
	Height	O	N(3) 999	Height in centimetres for the athlete Send when this information is available
	Weight	O	N(3) 999	Weight in kilograms for the athlete Send when this information is available
	MainFunctionId	O	CC @Function	Main function
RegisteredEvent	Bib	O	S(2)	Bib number for the athlete. Although this attribute is optional, it will be updated and informed as soon as this information is known. Example: 8, 10 ...
OfficialFunction	FunctionId	M	CC @Function	Official's function Send only is apply

The following table describes in more detail the EventEntry element in the case of Canoe.

Element: EventEntry				
Type	Code	Pos	Value	Description
E_ENTRY	C_BACK		S(10)	For @Type: Send proposed type
				For @Code: Send proposed type
				For @Pos: Do not send anything
				For @Value: “Slalom” or “Sprint”

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

Type /Code	Description	Expected
E_ENTRY /C_BACK	Canoe Background	As soon as this information is available.



	information	(this information can be sent in both messages) Just for teams events
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4.1.1.6

Message sort

Please, follow the general definition.



4.1.2 Start List

4.1.2.2 Description

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

4.1.2.3 Header Values

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

4.1.2.4 Trigger and Frequency

Please, follow the general definition.

4.1.2.5 Message Structure

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

- UnitDateTime (following the general rules for this element)
- Start /Competitor /EventUnitEntry.
- Start /Competitor /Composition /Athlete /EventUnitEntry.

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

4.1.2.6 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 Canoe, as well as the attributes that have an extended definition.

Element	Attribute	M/O	Value	Comments
Start	StartOrder	O	Numeric	The Lane number.
	SortOrder	M	Numeric	
Start /Competitor /Composition /Athlete	Code	M	S(20) with no leading zeroes	Athlete ID
	Order	M	Numeric	
	Bib	O	S(3)	Bib number. Although this attribute is optional, it will be updated and informed as soon as this information is known. Example: 8, 10 ...

The following table describes in more detail the Competitor /EventUnitEntry element in the case of Canoe.

Element: Competitor /EventUnitEntry				
Type	Code	Pos	Value	Description
EUE_CA	CA_IRM		CC @IRM	For @Type: Send proposed type
				For @Code: Send proposed code for the Uniform
				For @Pos: Do not send anything
				For @Value: Indicator as supplied by OVR for DNS or other possible results before the race.



	CA_HEAT		Numeric	For @Type: Send proposed type
				For @Code: Send proposed code
				For @Pos: Do not send anything
				For @Value: Number of heat where athlete competes.

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

Type /Code	Description	Expected
EUE_CA /CA_IRM	Invalid result mark supplied by OVR before the race.	As soon as this information is available Only for teams events
EUE_CA/CA_IRM	Number of the heat where athlete competes.	Always

The following table describes in more detail the EventUnitEntry element in the case of Canoe.

Element: Competitor /Start /Competitor /Composition /Athlete /EventUnitEntry				
Type	Code	Pos	Value	Description
EUE_CA	CA_STIME		HH:MM:SS	For @Type: Send proposed type
			99:99:90	For @Code: Send proposed type
				For @Pos: Do not send anything
				For @Value: Start time for the single competitor
	CA_IRM		CC @IRM	For @Type: Send proposed type
				For @Code: Send proposed code
				For @Pos : Do not send anything
				For @Value: Indicator as supplied by OVR for DNS or other possible results before the race.

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

Type /Code	Description	Expected
EUE_CA /CA_STIME	Single competitor's start time	When available Send for Single events
EUE_CA /CA_IRM	Invalid result mark supplied by OVR before the race.	As soon as this information is available Only for singles events



4.1.2.7

Message sort

Please, follow the general definition.



4.1.3 Event Unit Results

4.1.3.2 Description

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

4.1.3.3 Header Values

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

4.1.3.4 Trigger and Frequency

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

- After each race/run

4.1.3.5 Message Structure

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

- UnitDateTime (following the general rules for this element)
- Competitor /ExtendedResults /ExtendedResult
- Competitor /Composition /Athlete /ExtendedResults /ExtendedResult

4.1.3.6 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	String	Rank of the competitor in the corresponding event unit. This attribute is optional.
	RankEqual	O	S(1)	It must send always that the attribute Rank is send, it identify if a rank has been equalled.
	ResultType	O	CC @ResultType	Result type. (see codes section)
	IRM	O	CC @IRM	IRM for the particular event unit Send just in the case @ResultType is IRM (see codes section)
	QualificationMark	O	CC @QualificationMark	The code which gives an indication on the qualification of the competitor for the next round of the competition. Send for Quarterfinals and Semifinals. Don't send for the final.
	Result	O	MM:SS.ttt 99:90.000	Result for the particular event unit.
	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.



The following table describes in more detail the Competitor /ExtendedResults /ExtendedResult /ExtendedResult element for team's events and Competitor /Composition /Athlete /ExtendedResults /ExtendedResult element for single's events.

Element: Competitor /ExtendedResults /ExtendedResult Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
ER_QUALIFICATION	CA_PHASE			String	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything
					For @Value: Indicates Phase where the boat qualifies from here.
ER_CA	CA_FLS			N(1) 9	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything
					For @Value: 1 or 2, depending number of False starts.

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

Type /Code	Description	Expected
ER_QUALIFICATION /CA_PHASE	Indicates where the boat qualifies from here.	If apply
ER_CA /CA_FLS	Indicates number of False starts	If apply

4.1.3.7

Message sort

Please, follow the general definition.



4.1.4 Event Final Ranking

4.1.4.2 Description

This message is the Event Final Ranking message as described in the ODF General Messages Interface Document.

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

4.1.4.3 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).

4.1.4.4 Trigger and Frequency

Please, follow the general definition.

4.1.4.5 Message Structure

Please, follow the general definition.

4.1.4.6 Message Values

The following table lists the Event Final Ranking optional attributes (defined in the ODF General Messages Interface Document) that are used in the case of Canoe, as well as the attributes that have an extended definition.

Element	Attribute	M/O	Value	Comments
Result	Rank	O	String	Final rank for the finalists' competitors in the corresponding event .It is optional because the competitor can be disqualified or was eliminated in semifinals/heats.
	RankEqual	O	S(1)	It must send always that the attribute Rank is send, it identify if a rank has been equalled.
	ResultType	O	CC @ResultType	Result type, either time or IRM for the corresponding event unit
	IRM	O	CC @IRM	Send just if the competitor has been disqualified or is not even know.
	Result	O	MM:SS.ttt 99:99.990	Result for the particular event unit.
	SortOrder	M	Numeric	This attribute is a sequential number with the order of the competitors at the end of the event, if they were to be presented. Only use for finalists for the eliminated use @Code=CA_ORDER. For finalists: sort by rank, NOC.



DOCUMENT CONTROL

Version history

Version	Date	Comments
R2 v1.0	20 December 2013	Submitted for review version
R2 v1.1	17 January 2014	Submitted for approval version with DRF comments
R2 v1.2	28 February 2014	Approved , some minor issues
R2 v1.3	25 April 2014	Some minor issues
R2 v1.4	23 May 2014	Some minor issues

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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">• FLS IRM removed from Codes CA_FLS added to ExtendedResult.• CC@Position removed from Codes.• QualificationMarks codes redefined.• POINTS ResultType removed.• CA_PROVISIONAL removed from DT_START_LIST.• QualificationMark definition updated for DT_RESULT message.• CA_LINEPOS removed from DT_RESULT message.• CA_UNIT removed from DT_RESULT message.• SortOrder description updated for DT_RANKING message.• CA_ORDER removed from DT_RANKING.
R2 v1.2	APP	<ul style="list-style-type: none">• DT_PARTIC_HORSES removed from 4.1 messages table• Add the DT_SCHEDULE_UPDATE message
R2 v1.3	APP	<ul style="list-style-type: none">• DT_PARTIC_TEAM used in sport but not redefined in this document.• DT_CUMULATIVE_RESULT removed. With new Common Codes definition is not needed.• DT_START_LIST CA_HEAT attribute added to EventunitEntry definition• DT_RANKING. Sortorder definition updated.
R2 v1.4	APP	<ul style="list-style-type: none">• Canoe Background added to DT_PARTIC message.



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