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Olympic Data Feed

ODF Paralympic Cycling Road Data Dictionary

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1 Introduction

1.1 This document

This document includes the ODF Paralympic Cycling Road Data Dictionary. This Data Dictionary refines the messages described in the ODF Central Messages Interface Document and ODF Sport Messages Interface Document specifically for Paralympic Cycling Road, 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 Paralympic Cycling Road Data Dictionary, with the intention that the information message producer and the message consumer can successfully interchange the information as the Paralympic Cycling Road 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
- **NPC** – National Paralympic Committee
- **ODF** – Olympic Data Feed
- **ODF-RT** – Olympic Data Feed Real Time
- **RSC** – Results System Codes
- **CR** – Paralympic Cycling Road
- **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



Document Reference	Document Title	Document Description
		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
ODF/INT028	ODF Cycling Road Data Dictionary	This document describes the ODF Cycling Road messages



2 Overall Perspective

2.1 Objective

The objective of this document is to focus on the formal definition of the ODF Paralympic Cycling Road 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 Paralympic Cycling Road 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 Paralympic Cycling Road.

Any ODF Paralympic Cycling Road 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 specific for Paralympics 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.

Code Entity	Code Entity Set of Values
CC @SportClass	Defined in ODF Common Codes Document See entity Sports Class - Paralympic. The code to be used is found in the Class column.

Please follow ODF Cycling Road Data Dictionary definition, for the rest of the codes entities defined in the document.



4 Paralympic Cycling Road 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 Paralympic Cycling Road, 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	X
DT_PARTIC_TEAMS_UPDATE	List of teams update	Central	X	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	Central		



Message Type	Message name	Message documented	Message used in this sport	Message extended in this document
	update			
DT_GLOBAL_GM	Global good morning	Central	Global	
DT_GLOBAL_GN	Global good night	Central	Global	
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	X
DT_MEDALLISTS_DISCIPLINE	Medallists by discipline	Sports	X	
DT_RECORD	Records	Sports		
DT_COMMUNICATION	Official Communication	Sports	X	X
DT_BRACKETS	Brackets	Sports		
DT_GM	Discipline/venue good morning	Sports	X	X
DT_GN	Discipline/venue good night	Sports	X	X
DT_FED_RANKING	Federation Ranking	Sports		
DT_CONFIG	Discipline configuration	Sports	X	X
DT_WEATHER	Event Unit Weather conditions	Sports	X	X
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

Please follow ODF Cycling Road Data Dictionary definition.

5.1.1.2 Header Values

Please follow ODF Cycling Road Data Dictionary definition.

5.1.1.3 Trigger and Frequency

Please follow ODF Cycling Road Data Dictionary definition.

5.1.1.4 Message Structure

Please follow ODF Cycling Road Data Dictionary definition.

5.1.1.5 Message Values

The following table lists only extra optional attributes (defined in the ODF Central Messages Interface Document) that are used in the case of Paralympic Cycling Road, as well as the attributes that have an extended definition, for the rest of normal attributes please, follow ODF Cycling Road Data Dictionary definition

Element	Attribute	M/O	Value	Comments
Discipline	InternationalFederationId	M	S(16)	UCI code (competitor's federation number for the discipline). It will be available for pilots.
RegisteredEvent	Class	O	CC @SportClass	Code to identify the Sport class for the athlete or pilot. This attribute is optional because is not used in case of pilot.
	Guide	O	S(20) with no leading zeroes	ID to identify the official acting of pilot in the case of events with handicapped athletes (e.g.: paralympic games) This attribute is optional because is not used in case of pilot.

5.1.1.6 Message sort

Please follow ODF Cycling Road Data Dictionary definition.

5.1.2 List of teams / List of teams update

5.1.2.1 Description

This message is the List of accredited teams by discipline (and the update) as described in the ODF Central Messages Interface Document.

5.1.2.2 Header Values

The definition in the ODF Central Messages Interface Document is valid

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 Central Messages Interface Document that should be included in the case of Paralympic Cycling Road are:

- EventEntry



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

5.1.2.5 Message Values

Please, follow the general definition.

5.1.2.6 Message sort

Please, follow the general definition.

5.1.3 Start List

Please follow ODF Cycling Road Data Dictionary definition.

5.1.4 Event Unit Results

5.1.4.1 Description

Please follow ODF Cycling Road Data Dictionary definition.

In case of Team relay event, please use the same definition of Road Race. Taking into account the information is for team instead of athlete.

In case of 'Factored' events the results are calculate in base of the Factor % (Final Time with % Factor).

5.1.4.2 Header Values

Please follow ODF Cycling Road Data Dictionary definition.

5.1.4.3 Trigger and Frequency

Please follow ODF Cycling Road Data Dictionary definition.

5.1.4.4 Message Structure

The following lists only extra elements that are used in the case Team Relay of Paralympic Cycling Road, for the rest please follow ODF Cycling Road Data Dictionary definition

- Competitor /ExtendedResults /ExtendedResult
- Competitor /ExtendedResults /ExtendedResult /Extensions /Extension

5.1.4.5 Message Values

The following table lists considerations for the Event Unit Results of Paralympic Cycling Road, for the rest please follow ODF Cycling Road Data Dictionary definition.

Element	Attribute	M/O	Comments
Result	Rank	O	Please follow ODF Cycling Road Data Dictionary definition.
	RankEqual	O	In case of 'Factored' events this result is calculate in base of the Factor % (Final Time with % Factor).
	Result	O	Please follow ODF Cycling Road Data Dictionary definition. In case of team relay event use same format of Road Race. In case of 'Factored' events this result is calculate in base of the Factor % (Final Time with % Factor).

In case of Team Relay use the definition of the Competitor /Composition /Athlete /ExtendedResults /ExtendedResult element of road race event but at the team level (Competitor /ExtendedResults /ExtendedResult).



The following table lists only extra elements for Competitor /Composition /Athlete /ExtendedResults /ExtendedResult that are used in the case of Paralympic Cycling Road, for the rest please follow ODF Cycling Road Data Dictionary definition

Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
ER_RESULTS	CR_RESULT			HH:MM:SS 99:99:90	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything For @Value: Send time of that athlete, without the factor applied
	CR_FACTOR			N(3).N(3) 990.000	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything For @Value: Send factor of that athlete

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

Type /Code	Description	Expected
ER_RESULTS /CR_RESULT	time of that athlete, without the factor applied	Only apply for Factored' events
ER_RESULTS /CR_FACTOR	factor of that athlete	Only apply for Factored' events

5.1.4.6 Message sort

Please follow ODF Cycling Road Data Dictionary definition.

5.1.5 Event's Medallists

Please follow ODF Cycling Road Data Dictionary definition.

5.1.6 Official Communication

Please follow ODF Cycling Road Data Dictionary definition.

5.1.7 Discipline/venue good morning

Please follow ODF Cycling Road Data Dictionary definition.

5.1.8 Discipline/venue good night

Please follow ODF Cycling Road Data Dictionary definition.

5.1.9 Discipline Configuration

Please follow ODF Cycling Road Data Dictionary definition.

In case of Team relay event, please use the same definition of Road Race. Taking into account the information is for team instead of athlete.



5.1.10 Event Unit Weather Conditions

Please follow ODF Cycling Road Data Dictionary definition.



6 Real time

The following chapter describes the ODF-RT part of Paralympic Cycling Road.

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 Paralympic Cycling Road 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 Event Unit Results	Sports	X	X
DT_RT_CUMULATIVE_RESULT	RT Cumulative Results	Sports		



6.1.1 RT Event Unit Results

6.1.1.1 Description

Please follow ODF Cycling Road Data Dictionary definition.

In case of Team relay event, please use the same definition of Road Race. Taking into account the information is for team instead of athlete.

In case of 'Factored' events the results are calculate in base of the Factor % (Final Time with % Factor).

6.1.1.2 Header Values

Please follow ODF Cycling Road Data Dictionary definition.

6.1.1.3 Trigger and Frequency

Please follow ODF Cycling Road Data Dictionary definition.

6.1.1.4 Message Structure

The following lists only extra elements that are used in the case Team Relay of Paralympic Cycling Road, for the rest please follow ODF Cycling Road Data Dictionary definition

- Competitor /ExtendedResults /ExtendedResult

Competitor /ExtendedResults /ExtendedResult /Extensions /Extension

6.1.1.5 Message Values

The following table lists considerations for the Event Unit Results of Paralympic Cycling Road, for the rest please follow ODF Cycling Road Data Dictionary definition.

Element	Attribute	M/O	Comments	LIVE_UPDATE RT trigger expected
Result	Rank	O	Please follow ODF Cycling Road Data Dictionary definition. In case of 'Factored' events this result is calculate in base of the Factor % (Final Time with % Factor).	Please follow ODF Cycling Road Data Dictionary definition.
	RankEqual	O		
	Result	O	Please follow ODF Cycling Road Data Dictionary definition. In case of team relay event use same format of Road Race. In case of 'Factored' events this result is calculate in base of the Factor % (Final Time with % Factor).	In case of team relay event same of Road Race.

In case of Team Relay use the definition of the Competitor /Composition /Athlete /ExtendedResults /ExtendedResult element of road race event but at the team level (Competitor /ExtendedResults /ExtendedResult).

The following table lists only extra elements for Competitor /Composition /Athlete /ExtendedResults /ExtendedResult that are used in the case of Paralympic Cycling Road, for the rest please follow ODF Cycling Road Data Dictionary definition

Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
ER_RESULTS	CR_RESULT			HH:MM:SS 99:99:90	For @Type: Send proposed type
					For @Code: Send proposed code



Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					For @Pos: Do not send anything
					For @Value: Send time of that athlete, without the factor applied
	CR_FACTOR			N(3).N(3) 990.000	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything
					For @Value: Send factor of that athlete

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

Type /Code	Description	LIVE_UPDATE RT trigger expected
ER_RESULTS /CR_FACTOR	time of that athlete, without the factor applied	When was available Only apply for Factored' events
ER_RESULTS /CR_FACTOR	factor of that athlete	When was available Only apply for Factored' events

6.1.1.6 Message sort

Please follow ODF Cycling Road Data Dictionary definition.



DOCUMENT CONTROL

Version history

Version	Date	Comments
R2 v1.0	1 July 2011	First version
R2 v1.0	29 July 2011	SFA
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Change Log

Version	Status	Changes on version
R2 v1.0	SFR	• First version
R2 v2.0	APP	• IR101: Add DT_SERIAL message in the PiT messages
R2 v2.1	APP	• Defect 66621: update the CC @SportClass
R2 v3.0	APP	• CR12060: add ER_RESULTS /CR_RESULT @Value in Event Unit Results and RT Event Unit Results messages to capture the time without the factor applied.



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