



INTERNATIONAL OLYMPIC COMMITTEE

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Olympic Data Feed

ODF Paralympic Cross Country Data Dictionary

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Technology Department
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1. Introduction

1.1. This document

This document includes the ODF Paralympic Cross Country Data Dictionary. This document describes the differences between the Olympic Cross Country Data Dictionary and the Paralympic Cross Country Data Dictionary

1.2. Objective

The objective of this document is to provide a formal definition of the ODF Paralympic Cross Country Data Dictionary based in the ODF Olympic Cross Country Data Dictionary, with the intention that the information message producer and the message consumer can successfully interchange the information as the Cross Country competition is run.

1.3. Main Audience

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

1.4. Glossary

The following abbreviations are used in this document

Acronym	Description
IF 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 recognized as such by the IOC
NPC	National Paralympic Committee as recognized by the IPC
ODF	Olympic Data Feed
ODF Light	It is a type of ODF message that includes extensions to standard ODF messages in order to resolve references between messages and common codes. These extensions facilitate the message processing for ODF customers
ODF-PiT	Olympic Data Feed Point in Time, messages that are generated at certain point during competition
ODF-RT	Olympic Data Feed Real Time, messages that are generated when available
OPNS	Olympic and Paralympic News Service
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/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/INT004	ODF General Messages Interface Document	This document describes the ODF general messages

Document Reference	Document Title	Document Description
ODF/INT009	ODF Cross Country Data Dictionary	This document describes the Olympic Cross Country Data Dictionary



2. Overall Perspective

2.1. Objective

The objective of this document is to focus on the formal definition of the ODF Paralympic Cross Country Data Dictionary.

2.2. End to End data flow

In the following chapters, for each ODF message the general description, header values, triggers and frequency, structure, values and sort of the message will be defined.

Any ODF Paralympic Cross Country message should follow all the previous definitions in order to be considered as an ODF compliant message.



3. Codes

Refer to the same section of the ODF Olympic Cross Country Data Dictionary.

4. Messages definition

Refer to the same section of the ODF Olympic Cross Country Data Dictionary.



5. Messages

5.1. Applicable Messages

Refer to the same section of the ODF Olympic Cross Country Data Dictionary.

5.2. Point in Time Messages

5.2.1. List of Participants by discipline / List of Participants by discipline update

Refer to the same section of the ODF Olympic Cross Country Data Dictionary taking in account following changes for Paralympics:

Message structure

Participant /Discipline/ RegisteredEvent/ EventEntry element is used

RegisteredEvent Element.

Following attributed are redefined

Element	Attribute	M/O	Value	Comments
RegisteredEvent	Class	M	CC @SportClass	To be provided for all athletes
	Guide	O	S(20) with no leading zeroes	To be provided for Visual Impaired athletes.

EventEntry Element.

Following EventEntries are added

Element: EventEntry				
Type	Code	Pos	Value	Description
E_ENTRY	E_PERCENTAGE		Numeric N(2)	For @Type: Send proposed type
				For @Code: Send proposed code
				For @Pos: Do no send
				For @Value: Athlete Percentaje

5.2.2. List of Teams / List of Teams by discipline update

Refer to the same section of the ODF Olympic Cross Country Data Dictionary.



5.2.3. Start List

Refer to the same section of the ODF Olympic Cross Country Data Dictionary taking in account following changes for Paralympics:

General Change

For Paralympics only Interval Start, Individual Sprint and Team Relay events will take place.

Officials /Official Element

Use the following CC @Function for Paralympics:

- Chief of Competition
- IPC Assistant Technical Delegate
- IPC Jury Member
- IPC Race Director
- IPC Technical Delegate

Start /Competitor /Composition /Athlete Element

Order attribute: For Team Relay the team is composed by four competitors (r(ed), g(reen), y(ellow) and b(lue)).

Start /Competitor /Composition /Athlete /EventUnitEntry Element

Provide EU_ENTRY/CC_START_TIME element for Interval Start and Individual Sprint (Qualification)

Following elements are added

Element: Competitor /Composition /Athlete /EventUnitEntry				
Type	Code	Pos	Value	Description
EU_ENTRY	CC_START_BEHIND		MM:SS	For @Type: Send proposed type
			00:00	For @Code: Send proposed code
			Or	For @Pos: Do no send
			"0.00"	For @Value: Skier start time. Provided for Individual Sprint (except Qualification)

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

Type /Code	Description	Expected	RT Only	RT Trigger
EU_ENTRY / CC_START_BEHIND	Skier start time.	Provided for Individual Sprint (except Qualification)	N	T2



5.2.4. Event Unit Results

Refer to the same section of the ODF Olympic Cross Country Data Dictionary taking in account following changes for Paralympics:

General Change

For Paralympics only Interval Start, Individual Sprint and Team Relay events will take place.

Except the elements listed below, all times and ranks in the Olympic message are calculated ones.

Result / Competitor / Composition /Athlete /ExtendedResults /ExtendedResult Element

Following elements are added

Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult				
Type	Code	Pos	Value	Description
ER_CC	CC_REAL_TIME		HH:MM:SS.t	For @Type:
			99:99:90.0	Send proposed type
			for all event units	For @Code:
			Or	Send proposed code
			MM:SS.hh	For @Pos:
			for sprint qualification	Do no send
				For @Value:
				Real skyng time for single athletes
ER_CC	CC_DELTA		+HH:MM:SS.t	For @Type:
			+99:99:90.0	Send proposed type
			Or	For @Code:
			blank	Send proposed code
				For @Pos:
				Do no send
				For @Value:
				Delta for single athletes

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

Type /Code	Description	Expected	RT Only	RT Trigger
ER_CC /CC_REAL_TIME	Event unit's real skyng time	Interval Start and Individual Sprint Qualification	N	T2
ER_CC /CC_DELTA	Event unit's Delta or compensation	Interval Start and Individual Sprint Qualification	N	T2



5.2.5. Event Final Ranking

Refer to the same section of the ODF Olympic Cross Country Data Dictionary taking in account following changes for Paralympics:

General Change

For Paralympics only Interval Start, Individual Sprint and Team Relay events will take place.

5.2.6. Medallists of one event

Refer to the same section of the ODF Olympic Cross Country Data Dictionary taking in account following changes for Paralympics:

General Change

For Paralympics only Interval Start, Individual Sprint and Team Relay events will take place.

5.2.7. Brackets

Refer to the same section of the ODF Olympic Cross Country Data Dictionary taking in account following changes for Paralympics:

General Change

For Paralympics only Interval Start, Individual Sprint and Team Relay events will take place. Brackets are only necessary for Individual Sprint

5.2.8. Weather

Refer to the same section of the ODF Olympic Cross Country Data Dictionary.

5.2.9. Discipline Configuration

Refer to the same section of the ODF Olympic Cross Country Data Dictionary taking in account following changes for Paralympics:

General Changes

For Paralympics only Interval Start, Individual Sprint and Team Relay events will take place.

Individual Sprint competition phases are: Qualification, Semifinals and Finals.



5.3. Real Time Messages

5.3.1. RT Event Unit Results

Refer to the same section of the ODF Olympic Cross Country Data Dictionary taking in account Event Unit Results message changes

5.4. PDF Messages

Refer to the ODF Olympic Cross Country Data Dictionary.



DOCUMENT CONTROL

Version history

Version	Date	Comments
R3 v1.0	16 November 2011	Submitted for review version
R3 v1.1	23 December 2011	Reviewer comments included
R3 v1.2	27 January 2012	Document reformatted
R3 v2.0	10 February 2012	Reviewer comments included
R3 v2.1	8 May 2012	Language review
R3 v3.0	31 July 2012	After WNPA Meeting. New messages proposal. Messages deletion proposal (in pink). ODF light information deletion proposal.
R3 v3.1	11 October 2012	Some changes applied. SFA version
R3 v3.2	14 December 2012	Some changes applied. APP version
R3 v3.3	31 January 2013	Some changes applied. APP version
R3 v3.4	15 March 2013	Additional changes applied. APP version
R3 v3.5	09 August 2013	Additional changes applied. APP version
R3 v3.6	12 December 2013	Additional changes applied, please see the details in the OLY document. APP version

File reference: ODF/INT093 R3 v3.6 APP (CC)



Change Log

Version	Status	Changes on version
R3 v1.0	SFR	<ul style="list-style-type: none">• First version
R3 v1.1	SFR	<ul style="list-style-type: none">• Reviewer comments included• Document structure changed
R3 v1.2	SFR	<ul style="list-style-type: none">• Document reformatted; to include only GAP between Olympics and Paralympics
R3 v2.0	SFA	<ul style="list-style-type: none">• Reviewer comments included
R3 v2.1	SFA	<ul style="list-style-type: none">• Language review
R3 v3.0	SFA	<ul style="list-style-type: none">• New messages proposal: Added the definition of DT_CUMULATIVE_RESULT and DT_RT_CUMULATIVE_RESULT messages (marked in blue color). These messages should be used (instead of DT_RESULT_SUMMARY and DT_RT_RESULT_SUMMARY) at the moment that these changes are approved until then the deprecated messages should be still used.• Deletion messages proposal: DT_RESULT_SUMMARY and DT_RT_RESULT_SUMMARY (marked in pink color). These messages should be deleted at the moment that these changes are approved until then the deprecated messages should be still used.• Deletion extensions proposal: ODF Light extensions from the DT_START_LIST Message. Marked in pink color the ODF Light extensions. These extensions should be deleted at the moment that these changes are approved until then they should be still used.
R3 v3.1	SFA	<ul style="list-style-type: none">• Light extension: ODF Light extensions from the DT_START_LIST Message marked in pink colour. These extensions will be deleted at the moment that these changes are implemented by Omega for Non-Olympics projects from this message and included in new message.• DT_PHASE_RESULT (PiT and RT) messages deleted.
R3 v3.2	APP	<ul style="list-style-type: none">• APP version
R3 v3.3	SFA	<ul style="list-style-type: none">• EventUnitEntry Element. Type updated.
R3 v3.4	APP	<ul style="list-style-type: none">• Start List. Officials /Official Element Officials Function included.
R3 v3.5	APP	<ul style="list-style-type: none">• CR001262 applied: defect 93428 solved. For Team Relay the team can be composed up to four competitors (r(ed), g(reen) y(ellow) and b(lue))



R3 v3.6

APP

- CR001564 applied:
 - DT_WEATHER: Weather /Conditions /Condition@Value defined as CC @WeatherConditions for SKY Conditions and as CC @SnowConditions for SNOW conditions
 - 2) DT_WEATHER: Weather /Conditions /Wind@Value defined as N(3).N(1) without plus/minus symbols
 - 3) DT_WEATHER: Weather /Conditions@Wind_Direction value defined as CC @WindDirection without possibility of being N(3)
 - CR001207 applied: in DT_RESULTS and DT_RT_RESULTS message indicates that the Rank attribute will be filled with empty rank "" in case competitor is pending of a Photo Finish decision
 - CR002499 applied:
 - Defect 100811: small update in the definition of the DT_weather/Temperature element. The temperature in F should be included in the description of the codes.
 - CR001983 applied: the definition of the SortOrder code from the Start List message updated to 'Sort order of the competitor in the start list depending on Sport Rule'. The definition of the Order code from the Brackets message updated to 'Sort order depending on Sport Rules'.
 - CR002180 applied: new result format included in the DT(RT)_RESULT\Result\Result for the Sprint Events.
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