



INTERNATIONAL OLYMPIC COMMITTEE

ODF/INT080-R2 v2.1 APP (RO)

## Olympic Data Feed

### **ODF Paralympic Rowing Data Dictionary**

13 April 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 and Paralympic Games and/or (ii) to develop similar standards for other events than the Olympic and Paralympic Games (both (i) and (ii) are hereinafter designated as the Permitted Use, and works further developing these standards for the Olympic and Paralympic 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 and Paralympic 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

<b>1</b>	<b>Introduction .....</b>	<b>4</b>
1.1	This document.....	4
1.2	Objective .....	4
1.3	Main Audience.....	4
1.4	Glossary .....	4
1.5	Related Documents.....	5
<b>2</b>	<b>Overall Perspective .....</b>	<b>6</b>
2.1	Objective .....	6
2.2	End to End data flow .....	6
<b>3</b>	<b>Codes .....</b>	<b>7</b>
<b>4</b>	<b>Paralympic Rowing Data Extension .....</b>	<b>8</b>
4.1	General Issues .....	8
4.1.1	ODF header .....	8
4.1.2	Attributes Definition.....	8
<b>5</b>	<b>Point in Time.....</b>	<b>9</b>
5.1	Point in Time Applicable Messages .....	9
5.1.1	List of participants by discipline/ List of participants by discipline update .....	10
5.1.1.1	Description.....	10
5.1.1.2	Header Values.....	10
5.1.1.3	Trigger and Frequency .....	10
5.1.1.4	Message Structure .....	10
5.1.1.5	Message Values .....	10
5.1.1.6	Message sort .....	11
5.1.2	Historical records/ Historical records update .....	11
5.1.3	Start List.....	11
5.1.3.1	Description.....	11
5.1.3.2	Header Values.....	11
5.1.3.3	Trigger and Frequency .....	11
5.1.3.4	Message Structure .....	11
5.1.3.5	Message Values .....	11
5.1.3.6	Message sort .....	11
5.1.4	Event Unit Results .....	12
5.1.4.1	Description.....	12
5.1.4.2	Header Values.....	12
5.1.4.3	Trigger and Frequency .....	12
5.1.4.4	Message Structure .....	12
5.1.4.5	Message Values .....	12
5.1.4.6	Message sort .....	12
5.1.5	Records.....	12
5.1.6	Event's Medallists .....	12
5.1.7	Discipline/venue good morning.....	12
5.1.8	Discipline/venue good night.....	13
	<b>DOCUMENT CONTROL .....</b>	<b>15</b>



# 1 Introduction

## 1.1 This document

This document includes the ODF Paralympic Rowing 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 Rowing, 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 Rowing Data Dictionary, with the intention that the information message producer and the message consumer can successfully interchange the information as the Paralympic Rowing competition is run.

## 1.3 Main Audience

The main audience of this document is the IPC 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

- **FISA** – Federation Internationale de Societes d’Aviron
- **IOC** – International Olympic Committee
- **IPC** – International Paralympic Committee
- **IPSF** – International Paralympic Sport Federation
- **NOC** – National Olympic Committee
- **NPC** – National Paralympic Committee
- **ODF** – Olympic Data Feed
- **ODF-RT** – Olympic Data Feed Real Time
- **RO** – Paralympic Rowing
- **RSC** – Results System Codes
- **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
ODF/INT043	ODF Rowing Data Dictionary	This document describes the ODF Rowing messages



## 2 Overall Perspective

### 2.1 Objective

The objective of this document is to focus on the formal definition of the ODF Paralympic Rowing 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, ODF Sport Messages Interface Document and ODF Rowing Data Dictionary, since this ODF Paralympic Rowing 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 Rowing.

Any ODF Paralympic Rowing 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 <b>Sports Class - Paralympic</b> . The code to be used is found in the Class column.

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



## 4 Paralympic Rowing 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 Rowing, 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” 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” 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	Message extended
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	X	X
DT_HIST_REC_UPDATE	Historical records update	Central	X	X
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		
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	X	X
DT_COMMUNICATION	Official Communication	Sports	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		
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 (and the update), for that discipline it is the list of athletes and historical athletes, as described in the ODF Central Messages Interface Document.

#### 5.1.1.2 Header Values

Please follow ODF Rowing Data Dictionary definition.

#### 5.1.1.3 Trigger and Frequency

Please follow ODF Rowing Data Dictionary definition.

#### 5.1.1.4 Message Structure

Please follow ODF Rowing Data Dictionary definition.

#### 5.1.1.5 Message Values

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

Element	Attribute	M/O	Value	Comments
---------	-----------	-----	-------	----------



Element	Attribute	M/O	Value	Comments
RegisteredEvent	Class	M	CC @SportCla ss	Code to identify the Sport class

**5.1.1.6 Message sort**

Please follow ODF Rowing Data Dictionary definition.

**5.1.2 Historical records/ Historical records update**

Please follow ODF Rowing Data Dictionary definition.

**5.1.3 Start List**

**5.1.3.1 Description**

This message is the Start List 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 ODF Rowing Data Dictionary definition.

**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 Paralympic Rowing are:

- N/A.

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

**5.1.3.5 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 Paralympic Rowing, as well as the attributes that have an extended definition.

Element	Attribute	M/O	Value	Comments
Start	StartOrder	O	Numeric	The Lane number/Boat number. The lanes will be Re-allocation, if the weather creates unfair or unrowable conditions.
	SortOrder	M	Numeric	

**5.1.3.6 Message sort**

Please follow ODF Rowing Data Dictionary definition.



## 5.1.4 Event Unit Results

### 5.1.4.1 Description

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

### 5.1.4.2 Header Values

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

### 5.1.4.3 Trigger and Frequency

Please follow ODF Rowing Data Dictionary definition.

### 5.1.4.4 Message Structure

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

- N/A

### 5.1.4.5 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	String	Rank of the competitor in the corresponding event unit. This attribute is optional.
	RankEqual	O	Y	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)
	Result	O	MM:SS.tt 99:90.00	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.

### 5.1.4.6 Message sort

Please follow ODF Rowing Data Dictionary definition.

## 5.1.5 Records

Please follow ODF Rowing Data Dictionary definition.

## 5.1.6 Event's Medallists

Please follow ODF Rowing Data Dictionary definition.

## 5.1.7 Discipline/venue good morning

Please follow ODF Rowing Data Dictionary definition.



### 5.1.8 Discipline/venue good night

Please follow ODF Rowing Data Dictionary definition.





## DOCUMENT CONTROL

### Version history

Version	Date	Comments
R2 v1.0	6 May 2011	Submitted for review version
R2 v1.0	3 June 2011	Submitted for approval
R2 v1.0	20 June 2011	Approved version
R2 v2.0	9 January 2012	IR0101
<b>R2 v2.1</b>	<b>13 April 2012</b>	<b>Defect 66621</b>

**File reference:** ODF/INT080-R2 v2.1 APP (RO)

### Change Log

Version	Status	Changes on version
R2 v1.0	SFR	• First version
R2 v1.0	SFA	• No changes
R2 v1.0	APP	• No changes
R2 v2.0	APP	• IR0101: Add DT_SERIAL message in the PiT messages
<b>R2 v2.1</b>	<b>APP</b>	• <b>Defect 66621: Codes: updated CC @SportClass description</b>



*This page has been intentionally left blank*