



INTERNATIONAL OLYMPIC COMMITTEE

ODF/INT323 R2 v1.3 APP (RO)

Olympic Data Feed

ODF Rowing Data Dictionary

23 May 2014
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 Games and/or (ii) to develop similar standards for other events than the Olympic Games (both (i) and (ii) are hereinafter designated as the Permitted Use, and works further developing these standards for the Olympic 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 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**

1	Introduction	4
1.1	This document.....	4
1.2	Objective	4
1.3	Main Audience.....	4
1.4	Glossary	4
1.5	Related Documents.....	4
2	Overall Perspective	5
2.1	Objective	5
2.2	End to End data flow	5
3	Codes	6
4	Point in Time.....	8
4.1	Point in Time Applicable Messages	8
4.1.1	List of participants by discipline	9
4.1.1.1	Description.....	9
4.1.1.2	Header Values.....	9
4.1.1.3	Trigger and Frequency	9
4.1.1.4	Message Structure	9
4.1.1.5	Message Values	9
4.1.1.6	Message sort	10
4.1.2	Start List.....	11
4.1.2.1	Description.....	11
4.1.2.2	Header Values.....	11
4.1.2.3	Trigger and Frequency	11
4.1.2.4	Message Structure	11
4.1.2.5	Message Values	11
4.1.2.6	Message sort	13
4.1.3	Event Unit Results	14
4.1.3.1	Description.....	14
4.1.3.2	Header Values.....	14
4.1.3.3	Trigger and Frequency	14
4.1.3.4	Message Structure	14
4.1.3.5	Message Values	14
4.1.3.6	Message sort	18
4.1.4	Cumulative Results.....	19
4.1.4.1	Description.....	19
4.1.4.2	Header Values.....	19
4.1.4.3	Trigger and Frequency	19
4.1.4.4	Message Structure	19
4.1.4.5	Message Values	19
4.1.4.6	Message sort	20
4.1.5	Event Final Ranking.....	21
4.1.5.1	Description.....	21
4.1.5.2	Header Values.....	21
4.1.5.3	Trigger and Frequency	21
4.1.5.4	Message Structure	21
4.1.5.5	Message Values	21
4.1.5.6	Message sort	21
	DOCUMENT CONTROL	22



1 Introduction

1.1 This document

This document includes the ODF Rowing Data Dictionary for Nanjing 2014 Youth Olympics. This Data Dictionary refines the messages described in the ODF General Messages Interface Document specifically for 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 Rowing Data Dictionary, with the intention that the information message producer and the message consumer can successfully interchange the information as the Rowing 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 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 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 General Messages Interface Document since this ODF Rowing Data Dictionary is a particularization of those documents.

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 Rowing.

Any ODF 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 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 @BoatStatus	Code	Description
	F	finished
	R	Running
	ST	at Start
CC @IRM	Code	Description
	BUW	Boat under weight
	DNF	Did not finish
	DNS	Did not start
	DSQ	Disqualified
	ELM	Eliminated
	EXC	Excluded
CC @Position	Code	Description
	b	bow
	s	stroke
	2	Seat 2
CC @QualificationMark	Code	Description
	FA	Final A
	FB	Final B
	FC	Final C
	FD	Final D
	FE	Final E
	FF	Final F
	Q	Quarterfinal
	R	Repechage
	S_A/B	Semifinal A/B
	S_C/D	Semifinal C/D
	S_E/F	Semifinal E/F
	S_D/E	Semifinal D/E
	S_A/B/C	Semifinal A/B/C
?	Progression by time	
CC @RecordCode	Defined in ODF Common Codes Document	
	See entity Record Code	



	The entity's attribute to be used is Code	
CC @RecordType	Defined in ODF Common Codes Document See entity Record Type <ul style="list-style-type: none"> • The entity's attribute to be used is Code • It will be related to Discipline 	
CC @ResultType	Code	Description
	IRM_TIME	IRM status
	TIME	Time
CC @TypeCompetition	Code	Description
	IR	International regatta
	OG	Olympic Games
	WC	World Cup
	WCH	World Championships



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 Rowing, 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	X	
DT_START_LIST	Start List	X	X
DT_RESULT	Event Unit Results	X	X
DT_PHASE_RESULT	Phase Results		
DT_CUMULATIVE_RESULT	Cumulative Results	X	X
DT_POOL_STANDING	Pool Standings		
DT_RANKING	Event Final ranking	X	X
DT_MEDALLISTS	Medallists of one event	X	
DT_BRACKETS	Brackets		



4.1.1 List of participants by discipline

4.1.1.1 Description

This message is the List of participants by discipline, 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

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

- EventEntry

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

4.1.1.5 Message Values

The following table lists the “List of participants by discipline” optional attributes (defined in the ODF General Messages Interface Document) that are used in the case of Rowing, 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 Send when this information is available
	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
Participant /Discipline	International FederationId	O	S(16)	FISA ID (competitor's federation number for the discipline). It will be included

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

Element: EventEntry				
Type	Code	Pos	Value	Description
E_ENTRY	E_POSITION	N(1) 0	CC @Position	For @Type: Send proposed type
				For @Code: Send proposed type
				For @Pos: Send always 1
				For @Value: (see codes section) Send the code for the position.

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

Type /Code	Description	Expected
------------	-------------	----------



E_ENTRY /E_POSITION	The Crew position	As soon as this information is available. (this information can be sent in both messages) Just for teams events
---------------------	-------------------	---

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

- 10 minutes after the draw is approved
- 10 minutes after a change is approved
- 10 minutes after the Start List for the next round is approved
- After any change

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 Rowing are:

- UnitDateTime (following the general rules for this element)
- UnitInfo
- Start /Competitor /EventUnitEntry.
- 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 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	
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 UnitInfo element in the case of Rowing.

Element: UnitInfo			
Type	Code	Value	Description
UI_RO	RO_SHORTV	String	For @Type: Send proposed type



Element: UnitInfo			
Type	Code	Value	Description
			For @Code: Send proposed code
			For @Value: Progression rule text (short version).

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

Element: Competitor /EventUnitEntry			
Type	Code	Value	Description
EUE_RO	RO_IRM	CC @IRM	For @Type: Send proposed type
			For @Code: Send proposed code for the Uniform
			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_RO /RO_IRM	Invalid result mark supplied by OVR before the race.	As soon as this information is available

The following table describes in more detail the EventUnitEntry element in the case of Rowing, which should be used in the case of time Trial event units.

Element: Start /Competitor /Composition /Athlete /EventUnitEntry				
Type	Code	Pos	Value	Description
EUE_RO	RO_POSITION	N(1) 0	CC @Position	For @Type: Send proposed type
				For @Code: Send proposed type
				For @Pos: Send always 1
				For @Value: (see codes section) Send the code for the position.
	RO_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_RO /RO_POSITION	The Crew position	As soon as this information is



		available
		Not for single events
EUE_RO/RO_IRM	Invalid result mark supplied by OVR before the race.	As soon as this information is available

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 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

- 2 minutes after the results are approved
- After any change

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 Rowing are:

- UnitDateTime (following the general rules for this element)
- UnitInfo
- Competitor /ExtendedResults /ExtendedResult
- 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	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)
	Qualification Mark	O	CC @Qualification Mark	The code which gives an indication on the progression of the competitor for the next round of the competition. Don't send for the final.
	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.

The following table describes in more detail the UnitInfo element in the case of Rowing.



Element: UnitInfo			
Type	Code	Value	Description
	RO_REDFLAG	S(1)	For @Type: Send proposed type
			For @Code: Send proposed code
			For @Value: Send Y or N to know if the run is in Red flag
	RO_LINEPOS	N(1) 0	For @Type: Send proposed type
			For @Code: Send proposed code
			For @Value: This attribute indicates the number of competitors that will go to the next phase. That means the numbers of competitor that have been qualify.

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

Type /Code	Description	Expected
UI_RO /RO_REDFLAG	Use when the race is in Red Flag's status.	If apply.
UI_RO /RO_LINEPOS	Is the Index, after which a line would be draw.	When was available.

The following table describes in more detail the Competitor /ExtendedResults /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	RO_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.
	RO_UNIT			String	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything
					For @Value: Indicates Heat code where the boat qualifies from here.
ER_RESULTS	RO_REDFLAG			S(1)	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything
				For @Value: Send Y if the race is red flag or N if it has not more	
	RO_FALSESTARTS			N(1) 0	For @Type: Send proposed type
					For @Code:



Element: Competitor /ExtendedResults /ExtendedResult Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					Send proposed code
					For @Pos: Do not send anything
					For @Value: Number of false starts made
	RO_YELLOWCARDS			N(1) 0	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything
					For @Value: Number of yellow cards received
	RO_INTERMEDIATE		N(1) 0	MM:SS.tt 99:90.00	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Intermediate point where the competition has taken place (1,2..)
					For @Value: Cumulative time after the intermediate point
	RO_RANK			String	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything
					For @Value: Athlete's rank after the intermediate point
	RO_ERANK			Y	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything
					For @Value: It must send always that the element _RANK is send, it identify if a rank has been equalled.
	RO_DIFF			+M:SS.tt +9:90.00 Or 0.00 for leader	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything
					For @Value: The difference time between that competitor and the leader until that intermediate point.
	RO_IDX			N(3) 990	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything
					For @Value: Team order within classification. Usually it is the same like rank.



Element: Competitor /ExtendedResults /ExtendedResult Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					It is necessary because it is possible the competitor don't have a rank.
	RO_SECTION		N(1) 0	MM:SS.tt 99:90.00	For @Type: Send proposed type For @Code: Send proposed code For @Pos: The number that identifies the section, from 2 to the total number of sections. For @Value: Time for that Intermediate point (not send for the first intermediate point)
		RO_RANK		String	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything For @Value: Athlete's rank for that Intermediate point (not send for the first intermediate point)
		RO_ERANK		Y	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything For @Value: It must send always that the element _RANK is send, it identify if a rank has been equalled.
	RO_PHOTO			S(1)	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything For @Value: To know if the competitor's final result was decided by photo. Send Y for Evaluated Status. Send P for Pending Status

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

Type /Code	Description	Expected
ER_QUALIFICATION /RO_PHASE ER_QUALIFICATION /RO_UNIT	Indicates where the boat progress from here. (Printable Version is in QualificationMark)	If apply
ER_RESULTS /RO_REDFLAG	There is a red flag for this lane	If apply
ER_RESULTS /RO_FALSESTARTS	Number of false starts made	If apply
ER_RESULTS /ER_YELLOWCARDS	Number of yellow cards received	If apply
ER_RESULTS /RO_INTERMEDIATE	Are points in the race where we have the competitor's results (time, rank, difference).	Always
RO_INTERMEDIATE /RO_IDX	Team order within classification.	Always
ER_RESULTS /RO_SECTION	Section between two intermediate points. Example:	Always



	Section 1 is the section between start the race and intermediate 1 point.	
ER_RESULTS /RO_PHOTO	It is a flag for know if it is necessary made a photo for this competitor.	If apply

4.1.3.6 Message sort

Please, follow the general definition.



4.1.4 Cumulative Results

4.1.4.1 Description

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

4.1.4.2 Header Values

The DocumentCode attribute in the ODF header will be sent according to the ODF Common Codes document (header values sheet). The DocumentCode should be [DD][G][EEE]000 and the DocumentSubtype should be [DD][G][EEE][P]00).

4.1.4.3 Trigger and Frequency

Please, follow the general definition.

4.1.4.4 Message Structure

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

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

4.1.4.5 Message Values

Now, it is redefined the attributes of the optional elements in the generic message that are necessary in the case of Rowing.

Element	Attribute	M/O	Value	Comments
CumulativeResult	Rank	O	String	Rank over all athletes who have competed.
	RankEqual	O	Y	It must send always that the attribute Rank is send, it identify if a rank has been equalled.
	SortOrder	M	Numeric	Competitor order within event
ResultItems /ResultItem	Phase	M	CC @Phase	This information came from common codes
	Unit	M	CC @Unit	
Result	Rank	O	String	For Heats and Repechage, the rank should be <ul style="list-style-type: none"> • Overall: by race rank, then by time • Overall: IRMs as per sport rule For Semifinals, the rank should be <ul style="list-style-type: none"> • Semifinal A and B: race rank, then by time • Semifinal C and D: race rank, then by time • Overall: IRMs as per sport rule. For Finals, the rank should be <ul style="list-style-type: none"> • Final A: race rank (including DNS and DNF) • Final B: race rank(including DNS and DNF) • Final n: race rank(including DNS and DNF) • Overall: IRMs (other the DNS and DNF) as per sport rule
	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, either time or IRM for the corresponding event unit
	IRM	O	CC @IRM	IRM for the particular event unit Send just in the case @ResultType is IRM, or both time and IRM (see codes section)
	QualificationMark	O	CC @QualificationMark	Codes vary based on progression conditions for a particular event unit.
	Result	O	MM:SS.tt 99:90.00	Total Time for the particular event unit.
	SortOrder	M	Numeric	Competitor order within event unit



The following table describes in more detail the Competitor /ExtendedResults /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_RO	RO_TIME_SORT			Numeric	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything.
					For @Value: Send the sort order by time in the event

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

Type /Code	Description	Expected
ER_RO /RO_TIME_SORT	Sort order by time in the event	Always

4.1.4.6 Message sort

Please, follow the general definition.



4.1.5 Event Final Ranking

4.1.5.1 Description

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

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

4.1.5.2 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).

4.1.5.3 Trigger and Frequency

Please, follow the general definition.

4.1.5.4 Message Structure

Please, follow the general definition.

4.1.5.5 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 Rowing, as well as the attributes that have an extended definition.

Element	Attribute	M/O	Value	Comments
Result	Rank	O	String	Final rank of the competitor in the corresponding event .It is optional because the competitor can be disqualified
	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, for the corresponding event unit
	IRM	O	CC @IRM	Send just if the competitor has been disqualified or is not even know.
	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. If has a rank: sort by rank, NOC. If hasn't rank: sort DNF, DNS, EXL, DSQ.

4.1.5.6 Message sort

Please, follow the general definition



DOCUMENT CONTROL

Version history

Version	Date	Comments
R2 v1.0	5 December 2013	Submitted for review version
R2 v1.1	20 December 2013	Submitted for approval with updates in General definition
R2 v1.2	28 February 2014	Approved, some minor issues
R3 v1.3	23 May 2014	Some minor issues

File reference: ODF/INT323 R2 v1.3 APP (RO)

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">• 1.1 & 1.2 General definition updated.• 4.1 Pool Standing message name updated.
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">• CC@Position: Value 2 removed



This page has been intentionally left blank