



INTERNATIONAL OLYMPIC COMMITTEE

ODF/INT330 R2 v1.2 APP (TR)

Olympic Data Feed

ODF Triathlon Data Dictionary

28 February 2014
Technology and Information 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**

License	2
TABLE OF CONTENT	3
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	6
2.1 Objective	6
2.2 End to End data flow	6
3 Codes	7
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	9
4.1.2 List of teams by discipline	10
4.1.2.1 Description.....	10
4.1.2.2 Header Values.....	10
4.1.2.3 Trigger and Frequency	10
4.1.2.4 Message Structure	10
4.1.2.5 Message Values	10
4.1.2.6 Message sort	10
4.1.3 Start List.....	11
4.1.3.1 Description.....	11
4.1.3.2 Header Values.....	11
4.1.3.3 Trigger and Frequency	11
4.1.3.4 Message Structure	11
4.1.3.5 Message Values	11
4.1.3.6 Message sort	12
4.1.4 Event Unit Results	13
4.1.4.1 Description.....	13
4.1.4.2 Header Values.....	13
4.1.4.3 Trigger and Frequency	13
4.1.4.4 Message Structure	13
4.1.4.5 Message Values	13
4.1.4.6 Message sort	20
DOCUMENT CONTROL	21



1 Introduction

1.1 This document

This document includes the ODF Triathlon Data Dictionary for Nanjing 2014 Youth Olympics. This Data Dictionary refines the messages described in the ODF General Messages Interface Document specifically for Triathlon, 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 Triathlon Data Dictionary, with the intention that the information message producer and the message consumer can successfully interchange the information as the Triathlon 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, Glasgow 2014, 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
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



Document Reference	Document Title	Document Description
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 Triathlon 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 since this ODF Triathlon Data Dictionary is a particularization of this document.

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 Triathlon.

Any ODF Triathlon 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 @IRM	Code	Description
	DSQ	Disqualified
	DNS	Did not start
	DNF	Did not finish
	LAP	Lapped
CC @ResultType	Code	Description
	TIME	Time
	IRM	IRM
CC @Segment	Code	Description
	SWIM	Swim
	BIKE	Bike
	RUN	Run
	TRANS1	Transition 1
	TRANS2	Transition 2



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 Triathlon.

- 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	X
DT_PARTIC_HORSES	List of equestrian horses		
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_BRACKETS	Brackets		
DT_RANKING	Event Final ranking	X	
DT_MEDALLISTS	Medallists of one event	X	



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, 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

Please, follow the general definition.

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 Triathlon are:

- N/A

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 Triathlon, as well as the attributes that have an extended definition.

Element	Attribute	M/O	Value	Comments
Competition /Participant	Height	O	N(3) 999	It will be included if this information is available.
	BirthDate	O	YYYYMMDD	Date of birth.
Competition /Participant /Discipline /RegisteredEvent	Bib	O	S(2)	Shirt number. Although this attribute is optional, it will be updated and informed as soon as this information is known. Example: 8, 10 ...

4.1.1.6 Message sort

Please, follow the general definition.



4.1.2 List of teams by discipline

4.1.2.1 Description

This message is the List of teams by discipline as described in the ODF General Messages Interface Document.

4.1.2.2 Header Values

The definition in the ODF General Messages Interface Document is valid.

4.1.2.3 Trigger and Frequency

The definition in the ODF General Messages Interface Document is valid.

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 Triathlon are:

- Team /Composition
- Team /Discipline /RegisteredEvent

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

4.1.2.5 Message Values

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

Element	Attribute	M/O	Value	Comments
Competition /Team	Name	O	S(73)	Team Name
Competition /Team /Discipline /RegisteredEvent	Bib	O	N(2)	Team Bib Number

4.1.2.6 Message sort

Please, follow the general definition.



4.1.3 Start List

4.1.3.1 Description

This message is the Start List 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.

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 Triathlon are:

- Start /Competitor /Composition /Athlete /EventUnitEntry
- Start /Competitor /EventUnitEntry

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

4.1.3.5 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 Triathlon, as well as the attributes that have an extended definition.

Element	Attribute	M/O	Value	Comments
Start	StartOrder	M	S(4)	Order by start number . Format is S(2) (NN) for Individual and S(4) (NN/N) for Mixed Relay
	SortOrder	M	Numeric	Used to sort all start list competitors
Start /Competitor /Composition /Athlete	Bib	M	S(2)	Athlete / start number (Only for Individuals)
Start/Competitor	Bib	M	S(2)	Team start number (Only for Mixed Team Relay)
Start/Competitor/Composition/Athlete/@Order	Order	M	Numeric	The Order attribute contains the Leg number in a team (if Competitor @Type="T"), or 1 if Competitor @Type="A".

The following table describes in more detail the Competitor /EventUnitEntry element in the case of Triathlon. (Only for Mixed Team Relay)

Element: Competitor /EventUnitEntry			
Type	Code	Value	Description
EUE_TR	TR_PONTOON	N(3) 990	For @Type: Send proposed type
			For @Code: Send proposed code
			For @Value: Send the Ranking Order
	TR_IRM	CC@IRM	For @Type: Send proposed type



			For @Code: Send proposed code
			For @Value: Send the IRM Code

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

Type /Code	Description	Expected
EUE_TR / TR_PONTOON	Pontoon position	For Team events: Always
EUE_TR /TR_IRM	IRM Mark	For Team events: When applies

The following table describes in more detail the Competitor /Composition /Athlete /EventUnitEntry element in the case of Triathlon.

Element: Competitor /Composition /Athlete /EventUnitEntry			
Type	Code	Value	Description
EUE_TR	TR_PONTOON	N(3) 990	For @Type: Send proposed type
			For @Code: Send proposed code for starter players
			For @Value: Send the pontoon position
	TR_IRM	CC@IRM	For @Type: Send proposed type
			For @Code: Send proposed code
			For @Value: Send the IRM Code

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

Type /Code	Description	Expected
EUE_TR /TR_PONTOON	Pontoon position	For individual events: Always
EUE_TR /TR_IRM	IRM Mark	For individual events: When applies

4.1.3.6 Message sort

Please, follow the general definition.



4.1.4 Event Unit Results

4.1.4.1 Description

This message is the Event Unit 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).

4.1.4.3 Trigger and Frequency

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

Intermediate:

- After last competitor has finished the swim segment (ResultStatus = "INTERMEDIATE")
- After last competitor has finished the bike segment (ResultStatus = "INTERMEDIATE")

Official:

- After the last competitor has completed the race

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 Triathlon are:

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

4.1.4.5 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	S(1)	Send Y in case of the Rank has been equalled.
	ResultType	M	CC @ResultType	Result type.
	IRM	O	CC @IRM	IRM for the event unit. Send just in the case @ResultType is IRM (see codes section)
	Result	O	HH:MM:SS.tt 99:99:90.00	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 Triathlon.

Element: UnitInfo					
Type	Code	Extension Code	Pos	Value	Description
UI_RESULTS	TR_TOTAL_PARTICIPANTS			N(3) 990	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything.
	For @Value: Send the total participating athletes/Teams				
	TR_FINISHED_PARTICIPANTS			N(3) 990	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything.
	For @Value: Send the participating athletes/Teams that have completed the current segment				
	TR_CURR_SEGMENT		N(1) 0	CC @Segment	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: For Individual: Do not send anything. Mixed Team Relay: leg number
	For @Value: Send the current segment				

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

Type /Code	Description	Expected
TR_TOTAL_PARTICIPANTS	Send the total participating athletes/Teams	Always
TR_FINISHED_PARTICIPANTS	Send the participating athletes/Teams that have completed the current segment	Always
TR_CURR_SEGMENT	Send the current segment. For Mixed Team Relay include the Leg number in @pos attribute.	Always

The following table describes in more detail the Competitor /ExtendedResults /ExtendedResult element. (only for Mixed Team Relay)

Element: Competitor / ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description



Element: Competitor / ExtendedResults /ExtendedResult									
Type	Code	Extension Code	Pos	Value	Description				
ER_TR	TR_PENALTIES			N(1) 9	For @Type: Send proposed type				
					For @Code: Send proposed code				
					For @Pos: Do not send anything				
					For @Value: Send number of penalties given				
	TR_LEG			N(1) 0	H:MM:SS:mmm 00:0X	For @Type: Send proposed type			
						For @Code: Send proposed code			
						For @Pos: Leg number			
						For @Value: Send the time from the start of the race			
						TR_RANK		N(3) 990	For @Type: Send proposed type
									For @Code: Send proposed code
				For @Pos: Do not send anything.					
				For @Value: Send the cumulative rank					
TR_ERANK			Y/N	For @Type: Send proposed type					
				For @Code: Send proposed code					
				For @Pos: Do not send anything.					
				For @Value: Send 'Y' if the rank is equalled, otherwise 'N'					
TR_DIFF				H:MM:SS:mmm 00:0X	For @Type: Send proposed type				
					For @Code: Send proposed code				
					For @Pos: Do not send anything.				
					For @Value: Send the time behind the first at the leg				
TR_IDX				N(3) 990	For @Type: Send proposed type				
					For @Code: Send proposed code				
					For @Pos: Do not send anything.				
					For @Value: Send the total result order from start of the race to this leg				
TR_LAST_FINISH				Y/N	For @Type: Send proposed type				
					For @Code: Send proposed code				
					For @Pos: Do not send anything.				
					For @Value: Send Y if the competitor is the last modified.				



Element: Competitor / ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					For @Value: Send the total result order from start of the race to this leg

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

Type /Code	Description	Expected
ER_TR /TR_PENALTIES	Number of penalties given	Only for competitors with penalties given
ER_TR/TR_LEG	Leg code. The time cumulative from the beginning of the race.	Always
ER_TR/TR_LEG /TR_RANK	Rank from start.	If apply
ER_TR/TR_LEG /TR_ERANK	Flag for equalled Ranks	If apply
ER_TR/TR_LEG /TR_DIFF	Time behind the first at the leg	If apply
ER_TR/TR_LEG /TR_IDX	Total result order from start of the race to the leg With the ones who have not passed yet are indexed as well – after the ones who have finished, but before the IRMs. Sorted by the intermediate passed most recently, and by order there (if none, then by start order.	Always
TR_LAST_FINISH	Send the total result order from start of the race to this leg	Always

The following table describes in more detail the Competitor /Composition /Athlete /ExtendedResults /ExtendedResult element.

Element: Result/Competitor/Composition/Athlete/ExtendedResults/ExtendedResults					
Type	Code	Extension Code	Pos	Value	Description
ER_TR	TR_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 and P for Pending Status for the Photo finish (Only for individuals)
	TR_PENALTIES			N(1) 9	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything
					For @Value: Send number of penalties given
	TR_SEGMENT_@Segment			H:MM:SS:mmm 00:0X	For @Type: Send proposed type



Element: Result/Competitor/Composition/Athlete/ExtendedResults/ExtendedResults					
Type	Code	Extension Code	Pos	Value	Description
					For @Code: Send proposed code
					For @Pos: Do not send anything.
					For @Value: Send the time from the start of the race
		TR_TIME_SPLIT		H:MM:SS:mmm 00:0X	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything.
					For @Value: Send the time of the segment
		TR_RANK		N(3) 990	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything.
					For @Value: Send the cumulative rank
		TR_ERANK		Y/N	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything.
					For @Value: Send 'Y' if the rank is equalled, otherwise 'N'
		TR_RANK_SPLIT		N(3) 990	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything.
					For @Value: Send the rank at this segment
		TR_ERANK_SPLIT		Y/N	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything.
					For @Value: Send 'Y' if the rank (value for TR_RANK_SPLIT) is equalled, otherwise 'N'
		TR_DIFF		H:MM:SS:mmm 00:0X	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything.
					For @Value: Send the time behind the first at the segment
	TR_LAP_@Segment		N(2) 90	H:MM:SS:mmm 00:0X	For @Type: Send proposed type



Element: Result/Competitor/Composition/Athlete/ExtendedResults/ExtendedResults					
Type	Code	Extension Code	Pos	Value	Description
					For @Code: Send proposed code
					For @Pos: Send the split number
					For @Value: Send the time of the lap
		TR_TIME_SPLIT		H:MM:SS:mmm	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything.
					For @Value: Send the time from start of the segment
		TR_TIME_START		H:MM:SS:mmm	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything.
					For @Value: Send the time from the start of the race
		TR_RANK_START		N(3) 990	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything.
					For @Value: Send the total rank
		TR_ERANK_START		Y/N	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything.
					For @Value: Send 'Y' if the total rank is equalled, otherwise 'N'
		TR_RANK		N(3) 990	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything.
					For @Value: Send the lap rank
		TR_ERANK		Y/N	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything.
					For @Value: Send 'Y' if the lap rank is equalled, otherwise 'N'
		TR_DIFF		H:MM:SS:mmm 00:0X	For @Type: Send proposed type
					For @Code: Send proposed code



Element: Result/Competitor/Composition/Athlete/ExtendedResults/ExtendedResults					
Type	Code	Extension Code	Pos	Value	Description
					For @Pos: Do not send anything.
					For @Value: Send the lap time behind the first
		TR_DIFF_START		H:MM:SS:mmm 00:0X	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything.
					For @Value: Send the total time (from start of the race) behind the leader

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

Type /Code	Description	Expected
ER_TR/TR_PHOTO	It is an attribute for know if it is necessary made a photo for this competitor.	At the end of the race. Only send for competitor who needs that. (Only for individuals)
ER_TR /TR_PENALTIES	Number of penalties given	Only for individuals with penalties given
ER_TR/TR_SEGMENT_@Segment	Segment code	Always
ER_TR/TR_SEGMENT_@Segment /TR_RANK	Rank from start.	Always
ER_TR/TR_SEGMENT_@Segment /TR_ERANK	Flag for equalled Ranks	Always
ER_TR/TR_SEGMENT_@Segment /TR_TIME_SPLIT	Time. The time of the segment	Always
ER_TR/TR_SEGMENT_@Segment /TR_RANK_SPLIT	Rank at this segment.	Always
ER_TR/TR_SEGMENT_@Segment /TR_ERANK_SPLIT	Flag for equalled Ranks (value for TR_RANK_SPLIT)	Always
ER_TR/TR_SEGMENT_@Segment /TR_DIFF	Time behind the first at the segment	Always
ER_TR/TR_LAP_@Segment	Time. The time is the net time from start of the lap.	Only for individuals: Always
ER_TR/TR_LAP_@Segment /TR_TIME_SPLIT	Time. The time is the net time from start of the segment.	Only for individuals: Always
ER_TR/TR_LAP_@Segment /TR_TIME_START	Time. The time is the net time from start of the race.	Only for individuals: Always
ER_TR/TR_LAP_@Segment /TR_RANK_START	Total rank at this lap	Only for individuals: Always
ER_TR/TR_LAP_@Segment /TR_ERANK_START	Flag for equalled total ranks at this lap	Only for individuals: Always
ER_TR/TR_LAP_@Segment /TR_RANK	Rank at this lap	Only for individuals: Always
ER_TR/TR_LAP_@Segment /TR_ERANK	Flag for equalled lap rank	Only for individuals: Always
ER_TR/TR_LAP_@Segment /TR_DIFF	Lap time behind the first	Only for individuals: Always
ER_TR/TR_LAP_@Segment /TR_DIFF_START	Total time behind the first (from start of the race)	Only for individuals: Always



4.1.4.6

Message sort

Please, follow the general definition.



DOCUMENT CONTROL

Version history

Version	Date	Comments
R2 v1.0	8 November 2013	Submitted for review version
R2 v1.1	22 November 2013	Submitted for approval version
R2 v1.2	28 February	APP, some minor issues

File reference: ODF/INT330 R2 v1.2 APP (TR)

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">• Just document status changed to SFA
R2 v1.2	APP	<ul style="list-style-type: none">• Update the "This document", "Objective" and "Main Audience" sections• Remove the DT_PARTIC_HORSES message• Add the DT_SCHEDULE_UPDATE message



This page has been intentionally left blank