

Olympic Data Feed

ODF Triathlon Data Dictionary for the XX Commonwealth Games

27 June 2014
Technology and Information Department
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1 Introduction

1.1 This document

This document is a Derivative Work (as defined in the License hereto) prepared by Glasgow 2014 Limited for the purpose of the XX Commonwealth Games.

1.2 Objective

The objective of this document is to provide a formal definition of the ODF Triathlon Data Dictionary for the XX Commonwealth Games, with the intention that the information message producer and the message consumer can successfully interchange the information as the Triathlon competition 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
CGA	Commonwealth Games Associations
ODF	Olympic Data Feed
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
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

Document Reference	Document Title	Document Description
		between the message generators and the final ODF users
ODF/COD001	ODF Common Codes Document	This document describes the ODF codes used across the rest of the ODF documents
ODF/INT142	ODF General Messages Interface Document	This document describes the ODF general messages for the XX Commonwealth Games

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

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 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, as well as the category of each message, which identifies if the message structure definition can be found in the 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_UPDATE	List of participants by discipline update	X	X
DT_PARTIC_TEAMS	List of teams	X	
DT_PARTIC_TEAMS_UPDATE	List of teams update	X	
DT_MEDALS	Medal standings	Global	
DT_MEDALLISTS_DAY	Medallists of the day	Global	
DT_HISTORIC_RECORD	Historical records		
DT_GLOBAL_GM	Global good morning	Global	
DT_GLOBAL_GN	Global good night	Global	
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_RANKING	Event Final ranking	X	

DT_STATS	Statistics table		
DT_MEDALLISTS	Medallists of one event	X	
DT_MEDALLISTS_DISCIPLINE	Medallists by discipline	X	
DT_RECORD	Records		
DT_COMMUNICATION	Official Communication	X	X
DT_BRACKETS	Brackets		
DT_GM	Discipline/venue good morning	X	
DT_GN	Discipline/venue good night	X	
DT_FED_RANKING	Federation Ranking		
DT_CONFIG	Discipline configuration	X	X
DT_WEATHER	Event Unit Weather conditions	X	
DT_SERIAL	List of Current PiT Serial	X	

4.1.1 List of participants by discipline/ List of participants by discipline update

4.1.1.1 Description

This message is the List of participants by discipline (and the update), for that discipline it is the list of athletes, 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

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/ update” 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 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

Please, follow the general definition.

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:

- Competition /UnitInfos and its child element UnitInfo
- Start /Competitor /Composition /Athlete /EventUnitEntry
- Start /Competitor /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 Triathlon, as well as the attributes that have an extended definition.

Element	Attribute	M/O	Value	Comments
Start	SortOrder	M	Numeric	Order by start number
Start /Competitor	Bib	M	S(2)	Team start number (Only for Mixed Team Relay)
Start /Competitor /Composition /Athlete	Bib	M	S(2)	Athlete / start number (Only for Individuals)
	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 /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

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_RANKING_ORDER	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
TR_PONTOON	N(3) 990	For @Type: Send proposed type	
		For @Code: Send proposed code for starter players	
		For @Value: Send the pontoon position	

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

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

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

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

4.1.3.4 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:

- 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	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
UI_RESULTS /TR_TOTAL_PARTICIPANTS	Send the total participating athletes/Teams	Always
UI_RESULTS /TR_FINISHED_PARTICIPANTS	Send the participating athletes/Teams that have completed the current segment	Always
UI_RESULTS /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
ER_TR	TR_PENALTIES			N(1) 9	For @Type: Send proposed type
					For @Code:

Element: Competitor /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					Send proposed code
					For @Pos: Do not send anything
					For @Value: Send number of penalties given
	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
	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_TIME_LEG			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 leg
	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_LEG		N(3) 990		For @Type: Send proposed type
					For @Code:

Element: Competitor /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					Send proposed code
					For @Pos: Do not send anything.
					For @Value: Send the rank at this leg
		TR_ERANK_LEG		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_LEG) 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_IDX_LEG		N(3) 990	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything.
					For @Value: Send the result order within 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_PHOTO	It is an attribute for know if it is necessary made a photo for this competitor.	If apply
ER_TR/TR_LEG	Leg code. The time cumulative from the beginning of the race.	Always
ER_TR/TR_LEG /TR_TIME_LEG	Time. The time of the leg	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_RANK_LEG	Rank at this leg	If apply
ER_TR/TR_LEG /TR_ERANK_LEG	Flag for equalled Ranks (value for TR_RANK_LEG)	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
ER_TR/TR_LEG /TR_IDX_LEG	Result order within 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

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

Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
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 For @Code: Send proposed code For @Pos: Do not send anything. For @Value: Send the time from the start of the race

Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
		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_IDX		N(3) 990	For @Type: Send proposed type

Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					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 segment
		TR_IDX_SPLIT		N(3) 990	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything.
					For @Value: Send the result order within this segment
	TR_LAP_@Segment		N(2) 90	H:MM:SS:mmm 00:0X	For @Type: Send proposed type
					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:

Element: Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					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
					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
		TR_IDX_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 result order from start of the race to this segment

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	At the end of the race. Only send for competitor who

	competitor.	needs that.
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_TIME_SPLIT	Time. The time of the segment	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_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_SEGMENT_@Segment/TR_IDX	Total result order from start of the race to one segment. 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
ER_TR/TR_SEGMENT_@Segment/TR_IDX_SPLIT	Result order within one segment. 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
ER_TR/TR_LAP_@Segment	Time. The time is the net time from start of the lap. Only If TR_SPLIT_NO_@Segment from Config message is not equal to 0.	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
ER_TR/TR_LAP_@Segment/TR_IDX_START	Total result order from start of the race to one segment. With the ones who have not passed yet are indexed as well – after the ones who have finished, but before the IRMs.	Only for individuals: Always

	Sorted by the intermediate passed most recently, and by order there (if none, then by start order).	
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4.1.3.6 Message sort

Please, follow the general definition.

4.1.4 Official Communication

4.1.4.1 Description

This message is the Official Communication 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).

In case of Race Incidents send @DocumentSubcode with "RINCIDENT" and @DocumentSubcode always with "1".

4.1.4.3 Trigger and Frequency

- In case of race incidents: After each incident is logged
- In the other cases: 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 Triathlon are:

- Incidents (following the general rules for this element and Send only for the race incidents)

4.1.4.5 Message Values

Please, follow the general definition.

4.1.4.6 Message sort

Please, follow the general definition.

4.1.5 Discipline Configuration

4.1.5.1 Description

This message is the Discipline Configuration message as described in the ODF General Messages Interface Document.

4.1.5.2 Header Values

Please, follow the general definition.

4.1.5.3 Trigger and Frequency

Please, follow the general definition.

4.1.5.4 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:

- ExtendedConfigItem

4.1.5.5 Message Values

Send the attributes and codes according to the tables described in this section.

The following table lists the Discipline configuration 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
Config	Gender	M	CC @Gender	Gender code
	Event	M	CC @Event	Event Code

The following table describes in more detail the ExtendedConfig element.

Element: ExtendedConfig				
type	Code	Pos	Value	Description
CFG_TR	TR_DIST_@Segment		N(3) 990	For @Type: Send proposed type
				For @Code: Send proposed code
				For @Pos: Do not send anything
	For @Value: Send the distance of the segment			
	TR_SPLIT_@Segment	N(2) 90	N(3) 990	For @Type: Send proposed type
				For @Code: Send proposed code
				For @Pos: Send the number that indentifies the split point
	For @Value: Send the cumulative distance of the split			
	TR_SPLIT_NO_@Segment		N(1) 9	For @Type: Send proposed type
				For @Code: Send proposed code
				For @Pos: Do not send anything

Element: ExtendedConfig				
type	Code	Pos	Value	Description
				For @Value: Send the number of splits of the segment (0 if the segment has no splits)
	TR_LEG			For @Type: Send proposed type
				For @Code: Send proposed code
				For @Pos: Do not send anything
				For @Value: Send the number of legs of the race (Only for Mixed Team Relay)

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

Type /Code	Description	Expected
CFG_TR /TR_DIST_@Segment	Distance of the Segment (in km)	Always
CFG_TR /TR_SPLIT_@Segment	Cumulative distance of the Split	Always
CFG_TR /TR_SPLIT_NO_@Segment	Number of splits in the segment (0 if the segment has no splits). 0 means there are no laps.	Always
CFG_TR / TR_LEG	Number of legs of the race	For Mixed Team Relay: Always

4.1.5.6 Message sort

Please, follow the general definition.

5 Real time

The following chapter describes the ODF-RT part of Triathlon.

5.1 Real Time Applicable Messages

The next table is a full list of all ODF-RT messages and describes the list of messages used in Triathlon the same way as it is done in the table of chapter 4.

Message Type	Message name	Message used in this sport	Message extended in this document
DT_RT_RESULT	RT Event Unit Results	X	X
DT_RT_CUMULATIVE_RESULT	RT Cumulative Results		
DT_RT_CLOCK	RT Clock		
DT_RT_GM	RT Discipline/Venue good morning	X	
DT_RT_GN	RT Discipline/venue good night	X	
DT_RT_KA	RT Discipline/venue keep alive	X	

5.1.1 RT Event Unit Results

5.1.1.1 Description

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

5.1.1.2 Header Values

The ODF header will be sent according to the ODF Common Codes document.

5.1.1.3 Trigger and Frequency

The following is the trigger for this message in ODF-RT:

- ResultStatus="LIVE_UPDATE"
 - T1: Trigger after an athlete reach an intermediate point
 - T2: Trigger after an athlete finish a segment
 - T3: Trigger after an athlete finish the Run segment
 - T4: Trigger after the first athlete finish a segment
 - T5: Trigger after the first athlete finish an intermediate point
 - T6: Trigger after an athlete of the team penalty given
 - T7: Trigger after a member of the team finish a Leg
- ResultStatus="LIVE_FULL"
 - This value should be suggested and sent in the DT_RT_GM message after further testing
- For other ResultStatus follow the general definition.

5.1.1.4 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:

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

Please, follow the general considerations for all the different type of messages.

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

5.1.1.5 Message Values

The following table describes in more detail the Result element.

Element	Attribute	M/O	Value	Comments	LIVE_UPDATE RT trigger expected
Result	Rank	O	String	Rank of the competitor	Individuals: T2, T3 relay: T3
	RankEqual	O	Y or N	This attribute identifies if a rank has been equalled or not.	Just if applies

Element	Attribute	M/O	Value	Comments	LIVE_UPDATE RT trigger expected
	ResultType	O	CC @ResultType	Result type, either points or IRM with points for the corresponding event unit	T3
	IRM	O	CC @IRM	IRM of the competitor for the particular event unit Send just in the case @ResultType both Points and IRM (see codes section)	T3
	Result	O	HH:MM:SS.tt 99:99:90.00	Result for the particular event unit.	T3
	SortOrder	O	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.	When was available

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_TR	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_CURRENT			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 segment code of the lap that the leader has finished last.
TR_CURRENT	TR_FINISHED			Y/N	For @Type: Send proposed type
					For @Code: Send proposed code
	For @Pos: Do not send anything				
	For @Value: Send 'Y' if the segment has been finished by the leader, otherwise 'N'				
	TR_LAST_LAP			N(1)	For @Type: Send proposed type

Element: UnitInfo					
Type	Code	Extension Code	Pos	Value	Description
					For @Code: Send proposed code
					For @Pos: Send the number of the intermediate
					For @Value: Send the number of the last lap that the leader has finished.
		TR_CURR_SEGMENT		CC @Segment	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything.
					For @Value: Send the current segment
		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 total participating athletes/Teams

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

Type /Code	Description	LIVE_UPDATE RT trigger expected
UI_TR/TR_TOTAL_PARTICIPANTS	Send the total participating athletes/Teams	T1
UI_TR/TR_CURRENT	Segment code of the lap that the leader has last finished.	T4, T5
UI_TR/TR_CURRENT/TR_FINISHED	Flag to indicate whether the segment has been completed by the leader.	T4, T5
UI_TR/TR_CURRENT/TR_LAST_LAP	Number of the last lap that the leader has finished. For each segment the number start from 1.	For individual events: T4, T5
UI_TR/TR_CURRENT/TR_CURR_SEGMENT	Current phase of the race	T4
UI_TR/TR_CURRENT/TR_FINISHED_PARTICIPANTS	Send the total participating athletes/Teams	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
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:

Element: Competitor /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					Send number of penalties given
	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
	TR_LEG		N(1) 0	H:MM:SS:mm m 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_TIME_LEG			H:MM:SS:mm m 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 leg
	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_LEG			N(3) 990	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything.
					For @Value:

Element: Competitor /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					Send the rank at this leg
		TR_ERANK_LEG		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_LEG) is equalled, otherwise 'N'
		TR_DIFF		H:MM:SS:mm m 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_IDX_LEG		N(3) 990	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything. For @Value: Send the result order within 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.

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

Type /Code	Description	LIVE_UPDATE RT trigger expected
ER_TR/TR_PENALTIES	Number of penalties given	T6
ER_TR/TR_PHOTO	It is an attribute for know if it is necessary	T3

	made a photo for this competitor.	
ER_TR/TR_LEG	Leg code. The time cumulative from the beginning of the race.	T7
ER_TR/TR_LEG /TR_TIME_LEG	Time. The time of the leg	T7
ER_TR/TR_LEG /TR_RANK	Rank from start.	T7
ER_TR/TR_LEG /TR_ERANK	Flag for equalled Ranks	T7
ER_TR/TR_LEG /TR_RANK_LEG	Rank at this leg	T7
ER_TR/TR_LEG /TR_ERANK_LEG	Flag for equalled Ranks (value for TR_RANK_LEG)	T7
ER_TR/TR_LEG /TR_DIFF	Time behind the first at the leg	T7
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).	T7
ER_TR/TR_LEG /TR_IDX_LEG	Result order within 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)).	T7
ER_TR/TR_LEG/TR_LAST_FINISH	If the competitor is the last modified.	T7

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

Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
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
	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: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
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

Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					For @Pos: Do not send anything.
					For @Value: Send the time behind the first at the segment
		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 segment
		TR_IDX_SPLIT		N(3) 990	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything.
					For @Value: Send the result order within this segment
		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 athlete is the last modified.
	TR_LAP_@Segment		N(2) 90	H:MM:SS:mmm 00:0X	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Send the split number
					For @Value: Send the time of the lap
		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 athlete is the last modified.
		TR_TIME_SPLIT		H:MM:SS:mmm	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything.

Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					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
					For @Pos: Do not send anything.
					For @Value: Send the lap time behind the first
		TR_DIFF_START		H:MM:SS:mmm	For @Type:

Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
				00:0X	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
		TR_IDX_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 result order from start of the race to this segment

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

Type /Code	Description	LIVE_UPDATE RT trigger expected
ER_TR/TR_PHOTO	It is an attribute for know if it is necessary made a photo for this competitor.	When applies. T3
ER_TR/TR_PENALTIES	Number of penalties given	T6
ER_TR/TR_SEGMENT_@Segment	Segment code	T2
ER_TR/TR_SEGMENT_@Segment /TR_TIME_SPLIT	Time. The time of the segment	T2
ER_TR/TR_SEGMENT_@Segment /TR_RANK	Rank from start.	T1,T2
ER_TR/TR_SEGMENT_@Segment /TR_ERANK	Flag for equalled Ranks	T1,T2
ER_TR/TR_SEGMENT_@Segment /TR_RANK_SPLIT	Rank at this segment.	T2
ER_TR/TR_SEGMENT_@Segment /TR_ERANK_SPLIT	Flag for equalled Ranks (value for TR_RANK_SPLIT)	T2
ER_TR/TR_SEGMENT_@Segment /TR_DIFF	Time behind the first at the segment	T2
ER_TR/TR_SEGMENT_@Segment /TR_IDX	Total result order from start of the race to one segment. 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).	T1,T2
ER_TR/TR_SEGMENT_@Segment /TR_IDX_SPLIT	Result order within one segment. 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).	T1,T2
ER_TR/TR_SEGMENT_@Segment /TR_LAST_FINISH	If the athlete is the last modified.	If apply

ER_TR/TR_LAP_@Segment	Time. The time is the net time from start of the lap. Only If TR_SPLIT_NO_@Segment from Config message is not equal to 0.	Only for individuals: T1
ER_TR/TR_LAP_@Segment /TR_LAST_FINISH	If the athlete is the last modified.	Only for individuals: If apply
ER_TR/TR_LAP_@Segment /TR_TIME_SPLIT	Time. The time is the net time from start of the segment.	Only for individuals: T1
ER_TR/TR_LAP_@Segment /TR_TIME_START	Time. The time is the net time from start of the race.	Only for individuals: T1
ER_TR/TR_LAP_@Segment /TR_RANK_START	Total rank at this lap	Only for individuals: T1
ER_TR/TR_LAP_@Segment /TR_ERANK_START	Flag for equalled total ranks at this lap	Only for individuals: T1
ER_TR/TR_LAP_@Segment /TR_RANK	Rank at this lap.	Only for individuals: T1
ER_TR/TR_LAP_@Segment /TR_ERANK	Flag for equalled lap ranks	Only for individuals: T1
ER_TR/TR_LAP_@Segment /TR_DIFF	Lap time behind the first	Only for individuals: T1
ER_TR/TR_LAP_@Segment /TR_DIFF_START	Total time behind the first (from start of the race)	Only for individuals: T1
ER_TR/TR_LAP_@Segment /TR_IDX_START	Total result order from start of the race to one segment. 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).	Only for individuals: T1

5.1.1.6 Message sort

Please, follow the general definition.

6 PDF feed

6.1 PDF Applicable Messages

Please refer to the same section of the ODF General Messages Interface Document.

DOCUMENT CONTROL

Version history

Version	Date	Comments
R1 v1.0	14 Jun 2013	First version SFR
R1 v1.1	08 Jul 2013	SFA version
R1 v1.2	16 Jul 2013	APP version
R1 v1.3	18 Oct 2013	Defects 98239, 98255, 98256, 98258, 98260, 100431
R1 v1.4	21 Nov 2013	Defects 101939, 101107, 98439, 101951
R1 v1.5	16 Jan 2014	Some minor issues/improvements - (external delivery)
R1 v1.6	25 Apr 2014	Some minor issues
R1 v1.7	08 May 2014	Defect 105794
R1 v1.8	14 May 2014	Defect 105913
R1 v1.9	16 June 2014	External delivery
R1 v2.0	27 June 2014	CR000338 & external delivery

File reference: ODF/INT137 R1 v2.0 APP (TR)

Change Log

Version	Status	Changes on version
R1 v1.0	SFR	<ul style="list-style-type: none"> First version
R1 v1.1	SFA	<ul style="list-style-type: none"> Event Unit Results/RT Event Unit Results: deleted TR_PHOTO from Competitor / ExtendedResults /ExtendedResult, is no needed in Team Relays Event Unit Results/RT Event Unit Results: Added comment "Only for individuals" for TR_PHOTO from Competitor /Composition /Athlete /ExtendedResults /ExtendedResult, is no needed in Team Relays
R1 v1.2	APP	<ul style="list-style-type: none"> Approved version
R1 v1.3	APP	<ul style="list-style-type: none"> Changed FINISH_TEAM for FINISH_TEAM (Defect 98239): <ul style="list-style-type: none"> Start List: TR_LEG_ORDER Removed (Defect 98255): <ul style="list-style-type: none"> RT and Event Unit Results: TR_TOTAL_ATH and TR_TOTAL_TEAM replaced by TR_TOTAL_PARTICIPANTS (Defect: 98256): <ul style="list-style-type: none"> RT and Event Unit Results: TR_FINISH_ATH and TR_FINISH_TEAM replaced by TR_FINISHED_PARTICIPANTS (Defect: 98258): <ul style="list-style-type: none"> RT and Event Unit Results: Removal repeated fields TR_TIME_LEG, TR_RANK_LEG, TR_ERANK_LEG, TR_IDX_LEG (Defect 98260): <ul style="list-style-type: none"> RT and Event Unit Results: Added summary information of TR_LAST_FINISH (Defect 100431): <ul style="list-style-type: none"> RT Event Unit Results: Change 5.1.1.5 Trigger and Result/Rank Optional
R1 v1.4	APP	<ul style="list-style-type: none"> (Defect 101939) RT Event Unit Results: the Competitor /Composition /Athlete /ExtendedResults /ExtendedResult/TR_LAST_FINISH should have only @Value Y/N (not defined in PT message). Clarification when there is not Lap information: <ul style="list-style-type: none"> Config: Add a clarification for the CFG_TR /TR_SPLIT_NO_@Segment; RT and Event Unit Results: Add a clarification for the /Athlete /ExtendedResults /ExtendedResult /ER_TR/TR_LAP_@Segment. (Defect 98439) RT and Event Unit Results: Add the possibility of PHOTO for relays at competitor and athlete level <ul style="list-style-type: none"> Add Competitor /ExtendedResults /ExtendedResult /TR_PHOTO in case of relays. Add Competitor /Composition /Athlete /ExtendedResults /ExtendedResult /TR_PHOTO in case of relays. (Defect 101951) Some ODF issues: <ul style="list-style-type: none"> Participant: remove the EventEntry, Removed the Competitor / ExtendedResults /ExtendedResult /TR_LAST_FINISH from the DT_RESULT message, this data is only real time information.
R1 v1.5	APP	<ul style="list-style-type: none"> Updated the DT_POOL_STANDING message name (in section 4.1).
R1 v1.6	APP	<ul style="list-style-type: none"> Clarification about when to send UI_TR/TR_CURRENT/TR_FINISHED. When segment has been completed by the leader.
R1 v1.7	APP	<ul style="list-style-type: none"> Defect 105794: RT and Event Unit Results: Added fields TR_TIME_LEG, TR_RANK_LEG, TR_ERANK_LEG, TR_IDX_LEG (that where deleted in v.1.3) to include information
R1 v1.8	APP	<ul style="list-style-type: none"> Defect 105913: TR_IDX, TR_IDX_SPLIT & TR_IDX_START definition added for Point in Time messages

Change Log

Version	Status	Changes on version
R1 v1.9	APP	<ul style="list-style-type: none">External delivery
R1 v2.0	APP	<ul style="list-style-type: none">CR000338: new Code TR_PONTOON with Pontoon position for Teams addedExternal delivery



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