



INTERNATIONAL OLYMPIC COMMITTEE

ODF/INT027 R2 v10.2 APP (CF)

Olympic Data Feed

ODF Canoe Sprint Data Dictionary

22 Jun 2012
Technology Department
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1 Introduction

1.1 This document

This document includes the ODF Canoe Sprint Data Dictionary. This Data Dictionary refines the messages described in the ODF Central Messages Interface Document and ODF Sport Messages Interface Document specifically for Canoe Sprint, 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 Canoe Sprint Data Dictionary, with the intention that the information message producer and the message consumer can successfully interchange the information as the Canoe Sprint competition is run.

1.3 Main Audience

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

1.4 Glossary

The following abbreviations are used in this document

- **IF** – International Federation
- **IOC** – International Olympic Committee
- **NOC** – National Olympic Committee
- **ODF** – Olympic Data Feed
- **ODF-RT** – Olympic Data Feed Real Time
- **RSC** – Results System Codes
- **CF** – Canoe Sprint
- **WNPA** – World News Press Agencies

1.5 Related Documents

Document Reference	Document Title	Document Description
ODF/INT001	ODF Message Transmission Document	This document describes the technical standards to be used to transfer ODF messages between the message generators and the final ODF



		users
ODF/COD001	ODF Common Codes Document	This document describes the ODF codes used across the rest of the ODF documents
ODF/INT003	ODF Central Messages Interface Document	This document describes the ODF central messages
ODF/INT004	ODF Sport Messages Interface Document	This document describes the ODF sport messages, generated independently by each sport



2 Overall Perspective

2.1 Objective

The objective of this document is to focus on the formal definition of the ODF Canoe Sprint Data Dictionary.

2.2 End to End data flow

The general rules as described in the documents referenced in the section 1.5 will have to be considered for a complete and formal definition. It is especially important the ODF Central Messages Interface Document and ODF Sport Messages Interface Document, since this ODF Canoe Sprint Data Dictionary is a particularization of those documents.

In the following sections, for each ODF sport message it will be explained in further detail those elements, attributes, codes, ODF header, the trigger and frequency for each message generation, as well as the sort of the message that are particular in the case of Canoe Sprint.

Any ODF Canoe Sprint 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 Sport Messages Interface Document to know the format of these codes.

Code Entity	Code Entity Set of Values	
CC @Function	Defined in ODF Common Codes Document See entity Function The entity's attribute to be used is Code	
CC @IRM	Code	Description
	DNF	Did not finish
	DNS	Did not start
	DSQ	Disqualified
	FLS	False Start Warning
CC @Position	Code	Description
	1	1 st position
	2	2 nd position (for double, four events)
	3	3 th position (four events)
	4	4 th position (for four events)
CC @QualificationMark	Code	Description
	QF	Qualified for Final
	QS	Qualified for Semifinals
	X	Eliminated
	??	May qualify by time
CC @RecordCode	Defined in ODF Common Codes Document See entity Record Code <ul style="list-style-type: none"> 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 (The code POINTS is only for cumulative results)	Code	Description
	IRM_TIME	IRM status
	POINTS	Points, this attribute.
CC @SpeedUnit	Code	Description
	ms	m/s
CC @TemperatureUnit	Code	Description



Code Entity	Code Entity Set of Values	
	C	Celsius
CC @TypeCompetition	Code	Description
	CCH	Continental Championships
	ECH	European Championships
	IR	International regatta
	OG	Olympic Games
	WC	World Cup
	WCH	World Championships
CC @WindDirection	Defined in ODF Common Codes Document See entity Weather Conditions	



4 Canoe Sprint Data Extension

4.1 General Issues

The following sections extend and complete the information to be sent in each of the messages for this particular discipline, if some particularization is needed. If there are special considerations for any of the message types that have to be sent for this discipline, then they should be considered in the following sections. If nothing is mentioned for a particular message type, then the general rules, as defined either in the ODF Central Messages Interface Document or ODF Sport Messages Interface Document, should be respected for the messages described in the chapter 4 of this document.

4.1.1 ODF header

Regarding to the ODF header values, you should also follow the description in the ODF Central Messages Interface Document or ODF Sport Messages Interface Document. However, the following attributes could be refined for each message type regarding to the header values:

- ODF Header: DocumentCode.

4.1.2 Attributes Definition

The attributes types are explained in the section “5.1.2. Attributes Definition” of the ODF Central Messages Interface Document. Please, refer to that document for further information



5 Point in Time

5.1 Point in Time Applicable Messages

The following table is a full list of all ODF messages and describes the list of messages used in Canoe Sprint, as well as the category of each message, which identifies if the message structure definition can be found either in the ODF Sport Messages Interface Document or ODF Central Messages Interface Document.

- The column “Message type” indicates the DocumentType that identifies a message
- The column “Message name” is the message name identified by the message type
- The column “Message documented” indicates the document where you should go to have the general definition for a particular Message type
- The column “Message used 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 documented	Message used in this sport	Message extended in this document
DT_SCHEDULE	Competition schedule	Central	X	
DT_SCHEDULE_UPDATE	Competition schedule update	Central	X	
DT_PARTIC	List of participants by discipline	Central	X	X
DT_PARTIC_UPDATE	List of participants by discipline update	Central	X	X
DT_PARTIC_TEAMS	List of teams	Central	X	
DT_PARTIC_TEAMS_UPDATE	List of teams update	Central	X	
DT_PARTIC_HORSES	List of equestrian horses	Central		
DT_PARTIC_HORSES_UPDATE	List of horses update	Central		
DT_MEDALS	Medal standings	Central	Global	
DT_MEDALLISTS_DAY	Medallists of the day	Central	Global	
DT_HISTORIC_RECORD	Historical records	Central	X	X
DT_HIST_REC_UPDATE	Historical records update	Central	X	X



DT_GLOBAL_GM	Global good morning	Central	Global	
DT_GLOBAL_GN	Global good night	Central	Global	
DT_MEDALLISTS_DISCIPLINE	Medallists by discipline	Sports	X	
DT_START_LIST	Start List	Sports	X	X
DT_RESULT	Event Unit Results	Sports	X	X
DT_PHASE_RESULT	Phase Results	Sports		
DT_CUMULATIVE_RESULT	Cumulative Results	Sports	X	X
DT_POOL_STANDING	Pool Standings of group in a team competition	Sports		
DT_RANKING	Event Final ranking	Sports	X	X
DT_STATS	Statistics table	Sports		
DT_MEDALLISTS	Medallists of one event	Sports	X	X
DT_RECORD	Records	Sports	X	X
DT_COMMUNICATION	Official Communication	Sports	X	
DT_BRACKETS	Brackets	Sports		
DT_GM	Discipline/venue good morning	Sports	X	X
DT_GN	Discipline/venue good night	Sports	X	X
DT_FED_RANKING	Federation Ranking	Sports		
DT_CONFIG	Discipline configuration	Sports	X	X
DT_WEATHER	Event Unit Weather conditions	Sports	X	X
DT_SERIAL	List of Current PiT Serial	Sports	X	



5.1.1 List of participants by discipline/ List of participants by discipline update

5.1.1.1 Description

This message is the List of participants by discipline (and the update), for that discipline it is the list of athletes and historical athletes, as described in the ODF Central Messages Interface Document.

5.1.1.2 Header Values

The definition in the ODF Central Messages Interface Document is valid

5.1.1.3 Trigger and Frequency

The definition in the ODF Central Messages Interface Document is valid And in the case when the venue results becomes owner of data.

5.1.1.4 Message Structure

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

- EventEntry

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

5.1.1.5 Message Values

The following table lists the “List of participants by discipline/ update” optional attributes (defined in the ODF Central Messages Interface Document) that are used in the case Canoe Sprint, 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
	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
RegisteredEvent	Bib	O	S(2)	Bib number for the athlete. Although this attribute is optional, it will be updated and informed as soon as this information is known. Example: 8, 10 ...
OfficialFunction	FunctionId	M	CC @Function	Official's function Send only is apply

The following table describes in more detail the EventEntry element for the athletes in the case of Canoe Sprint.

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: Send the code for the position



Element: EventEntry				
Type	Code	Pos	Value	Description
				(see codes section)

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

Type /Code	Description	Expected
E_ENTRY /E_POSITION	The Boat position	As soon as this information is available. (this information can be sent in both messages) Just for teams events

5.1.1.6 Message sort

Please, follow the general definition.



5.1.2 Historical records/ Historical records update

5.1.2.1 Description

This message is the “Historical records” (and the update) message as described in the ODF Sport Messages Interface Document.

5.1.2.2 Header Values

Please, follow the general definition.

5.1.2.3 Trigger and Frequency

Please, follow the general definition.

5.1.2.4 Message Structure

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

- Competitor/RecordData
- Competitor/Composition/Athlete/RecordData

5.1.2.5 Message Values

The following table lists the Historical records optional attributes (defined in the ODF Central Messages Interface Document) that are used in the case of Canoe Sprint, as well as the attributes that have an extended definition.

Element	Attribute	M/O	Value	Comments
RecordData (For Teams and individuals records)	Country	M	CC @Country	Country code where the record was broken
	Place	M	S(40)	The place (town or city) where the record was broken
	Date	M	YYYYMMDD	The date where the record was broken.
	Event	M	CC @TypeCompe tition	Type of competition where it was this time

5.1.2.6 Message sort

Please, follow the general definition.



5.1.3 Start List

5.1.3.1 Description

This message is the Start List message as described in the ODF Sport Messages Interface Document.

5.1.3.2 Header Values

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

5.1.3.3 Trigger and Frequency

Please, follow the general definition.

5.1.3.4 Message Structure

The optional elements defined for this message in the ODF Sport Messages Interface Document that should be included in the case of Canoe Sprint 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.

5.1.3.5 Message Values

The following table lists the Start List optional attributes (defined in the ODF Sport Messages Interface Document) that are used in the case of Canoe Sprint, as well as the attributes that have an extended definition.

Element	Attribute	M/O	Value	Comments
Start	StartOrder	O	Numeric	The Lane number.
	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 Canoe Sprint.

Element: UnitInfo			
Type	Code	Value	Description
UI_RACE	CF_PROVISIONAL	S(1)	For @Type: Send proposed type
			For @Code: Send proposed code
			For @Value: Send "Y" for Provisional Start List

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



Type /Code	Description	Expected
UI_RACE /CF_PROVISIONAL	This attribute indicates a Provisional Start List.	When was available

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

Element: Competitor /EventUnitEntry			
Type	Code	Value	Description
EUE_CF	CF_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_CF /CF_IRM	Invalid result mark supplied by OVR before the race.	As soon as this information is available Only for teams events

The following table describes in more detail the EventUnitEntry element in the case of Canoe Sprint.

Element: Competitor /Start /Competitor /Composition /Athlete /EventUnitEntry				
Type	Code	Pos	Value	Description
EUE_CF	CF_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.
	CF_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_CF /CF_POSITION	The Boat position	As soon as this information is available Not for single events



EUE_CF /CF_IRM	Invalid result mark supplied by OVR before the race.	As soon as this information is available Only for singles events
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5.1.3.6 Message sort

Please, follow the general definition.



5.1.4 Event Unit Results

5.1.4.1 Description

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

5.1.4.2 Header Values

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

5.1.4.3 Trigger and Frequency

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

- After each race/run

5.1.4.4 Message Structure

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

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

5.1.4.5 Message Values

The following table lists the Event Unit Results optional and/or extended attributes (defined in the ODF Sport Messages Interface Document), as well as the attributes that have an extended definition.

Element	Attribute	M/O	Value	Comments
Result	Rank	O	String	Rank of the competitor in the corresponding event unit. This attribute is optional.
	RankEqual	O	S(1)	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)
	QualificationMark	O	CC @QualificationMark	The code which gives an indication on the qualification of the competitor for the next round of the competition. Don't send for the final.
	Result	O	MM:SS.ttt 99:90.000	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.
RecordIndicators /RecordIndicator	Order	M	Numeric	Number of times current record (RecordCode + RecordType) is broken; increment starting from 1.
	Code	M	CC @RecordCode	Code which describes the record broken by the result value (e.g. "CFM111000").
	RecordType	M	CC @RecordType	Code which specifies the level at which the record is broken (e.g. "OB").



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

Element: UnitInfo			
Type	Code	Value	Description
UI_RACE	CF_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
UI_CF	CF_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_RACE /CF_REDFLAG	Use when the race is in Red Flag's status.	If apply.
UI_CF/CF_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	CF_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.				
	CF_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	CF_INTERMEDIATE		N(1) 0	MM:SS.tt 99:90.00	For @Type: Send proposed type
				Or Final Time: MM:SS.ttt 99:90.000	For @Code: Send proposed code
				For @Pos: Intermediate point where the competition has taken place (1,2..)	



Element: Competitor /ExtendedResults /ExtendedResult Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					For @Value: Cumulative time after the intermediate point
		CF_RANK		String	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything For @Value: Rank at the Pos intermediate result point.
		CF_ERANK		S(1)	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.
		CF_DIFF		+MM:SS.tt +99:90.00 Or 0.00 for leader Or Final Time: +MM:SS.ttt +99:90.000 Or 0.000 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.
		CF_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. It is necessary because it is possible the competitor don't have a rank.
	CF_SECTION		N(1) 0	MM:SS.tt 99:90.00 Or Final Time: MM:SS.ttt 99:90.000	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)
		CF_RANK		String	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything For @Value: Rank for that sector(not send for the



Element: Competitor /ExtendedResults /ExtendedResult Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					first intermediate point)
		CF_ERANK		S(1)	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.
		CF_DIFF		+MM:SS.tt +99:90.00 Or 0.00 for leader Or Final Time: +MM:SS.ttt +99:90.000 Or 0.000 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/section.
		CF_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. It is necessary because it is possible the competitor don't have a rank.
	CF_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
	CF_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.
	CF_WARNING			S(1)	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything For @Value: Send "Y" if the competitor is being warned



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

Type /Code	Description	Expected
ER_QUALIFICATION /CF_PHASE ER_QUALIFICATION /CF_UNIT	Indicates where the boat qualifies from here. (Printable Version is in QualificationMark)	If apply
ER_RESULTS /CF_INTERMEDIATE	Are points in the race where we have the competitor's results (time, rank, difference).	Always
ER_RESULTS /CF_SECTION	Section between two intermediate points. Example: Section 1 is the section between start the race and intermediate 1 point.	Always
ER_RESULTS /CF_REDFLAG	There is a red flag for this lane	If apply
CF_INTERMEDIATE /CF_IDX	Team order within classification.	Always
ER_RESULTS /CF_PHOTO	It is an attribute for know if it is necessary made a photo for this competitor.	If apply
ER_RESULTS /CF_WARNING	If the competitor is being warned.	If apply

5.1.4.6 Message sort

Please, follow the general definition.



5.1.5 Cumulative Results

5.1.5.1 Description

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

5.1.5.2 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.

5.1.5.3 Trigger and Frequency

- When the last event unit for the corresponding phase finishes.

5.1.5.4 Message Structure

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

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

5.1.5.5 Message Values

The following table lists the Cumulative Results optional and/or extended attributes (defined in the ODF Sport Messages Interface Document), as well as the attributes that have an extended definition.

Element	Attribute	M/O	Value	Comments
CumulativeResults	Rank	O	String	Rank over all athletes/teams who have competed in the phase
	RankEqual	O	S(1)	It must send always that the attribute Rank is send, it identify if a rank has been equalled.
	SortOrder	M	Numeric	Competitor/teams order within phase
CumulativeResult /RecordIndicators /RecordIndicator	Order	M	Numeric	Number of times current record (RecordCode + RecordType) is broken; increment starting from 1.
	Code	M	CC @RecordCode	Code which describes the record broken by the CumulativeResult /Result value (e.g. "CFM111000").
	RecordType	M	CC @RecordType	Code which specifies the level at which the record is broken (e.g. "OB").
ResultItems /ResultItem (with DocumentCode is [DD][G][EEE][P]00)	Phase	M	CC @Phase	
	Unit	M	CC @Unit	
Result (with DocumentCode is [DD][G][EEE][P]00)	Rank	O	String	For Heats, Repechage and Semifinals the sort order should be: - Overall: by race rank, then by time - Overall: IRMs as per sport rule For Finals, the sort order should be: - Final A: race rank - Final B: race rank - Overall: IRMs as per sport rule
	RankEqual	O	S(1)	It must send always that the attribute Rank is send, it identify if a rank has been equalled. Send N if it has not more
	ResultType	O	CC @ResultType	Result type, either time or IRM for the corresponding event unit



Element	Attribute	M/O	Value	Comments
	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 qualifying conditions for a particular event unit.
	Result	O	MM:SS.ttt 99:90.000	Total Time for the particular event unit.
	SortOrder	M	Numeric	Competitor order within event unit
CumulativeResult /ResultItems /ResultItem /Result /RecordIndicators /RecordIndicator (result's record indicator)	Order	M	Numeric	Number of times current record (RecordCode + RecordType) is broken; increment starting from 1. <u>It just applies to event units</u>
	Code	M	CC @RecordCode	Code which describes the record broken by the CumulativeResult /ResultItems /ResultItem /Result value (e.g. "CFM111000"). <u>It just applies to event units</u>
	RecordType	M	CC @RecordType	Code which specifies the level at which the record is broken (e.g. "OB"). <u>It just applies to event units</u>

The following table describes in more detail the Competitor /ExtendedResults /ExtendedResult element for teams.

Element: Competitor /ExtendedResults /ExtendedResult					
Type	Code	Extension	Pos	Value	Description
ER_CF	CF_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_CF /CF_TIME_SORT	Sort order by time in the event	Always

The following table describes in more detail the Competitor /Composition /Athlete /ExtendedResults /ExtendedResult element for single's events.

Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
ER_CF	CF_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_CF /CF_TIME_SORT	Sort order by time in the event	Always

5.1.5.6 Message sort

Please, follow the general definition.



5.1.6 Event Final Ranking

5.1.6.1 Description

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

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

5.1.6.2 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).

5.1.6.3 Trigger and Frequency

Please, follow the general definition.

5.1.6.4 Message Structure

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

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

5.1.6.5 Message Values

The following table lists the Event Final Ranking optional attributes (defined in the ODF Sport Messages Interface Document) that are used in the case of Canoe Sprint, as well as the attributes that have an extended definition.

Element	Attribute	M/O	Value	Comments
Result	Rank	O	String	Final rank for the finalists' competitors in the corresponding event .It is optional because the competitor can be disqualified or was eliminated in semifinals/heats.
	RankEqual	O	S(1)	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	Send just if the competitor has been disqualified or is not even know.
	Result	O	MM:SS.ttt 99:99.990	Result for the particular event unit.
	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. Only use for finalists for the eliminated use @Code=CF_ORDER. For finalists: sort by rank, NOC.

The following table describes in more detail the Competitor /ExtendedResults /ExtendedResult element for team's events and Competitor /Composition /Athlete /ExtendedResults /ExtendedResult for single's events.

Element: Competitor /ExtendedResults /ExtendedResult Competitor /Composition /Athlete /ExtendedResults /ExtendedResult			
Type	Code	Value	Description
ER_ES ER_EH	CF_ORDER	N(2) 90	For @Type: Send proposed type



Element: Competitor /ExtendedResults /ExtendedResult Competitor /Composition /Athlete /ExtendedResults /ExtendedResult			
Type	Code	Value	Description
			For @Code: Send proposed code
			For @Value: Send the order for the competitor when was eliminated in semifinals/heats.

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

Type /Code	Description	Expected
ER_ES /CF_ORDER ER_EH /CF_ORDER	Send the order for the competitor when was eliminated in semifinals/heats. Where ER_ES it is when the competitor was eliminated in Semifinals and ER_EH it is when the competitor was eliminated in Heats.	When was available.



5.1.7 Event's Medallists

5.1.7.1 Description

This message is the Event's Medallists message as described in the ODF Sport Messages Interface Document.

In the case of Canoe Sprint, the message has to be sent 2 minutes after the results of the final are approved.

5.1.7.2 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).

5.1.7.3 Trigger and Frequency

Please, follow the general definition.

5.1.7.4 Message Structure

Please, follow the general definition.

5.1.7.5 Message Values

Please, follow the general definition.

5.1.7.6 Message sort

Please, follow the general definition.



5.1.8 Records

5.1.8.1 Description

This message is the Records message as described in the ODF Sport Messages Interface Document.

5.1.8.2 Header Values

Please, follow the general definition.

5.1.8.3 Trigger and Frequency

Please, follow the general definition.

5.1.8.4 Message Structure

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

- Competitor/RecordData
- Competitor/Composition/Athlete/RecordData

5.1.8.5 Message Values

The following table lists the Records optional attributes (defined in the ODF Sport Messages Interface Document) that are used in the case of Canoe Sprint, as well as the attributes that have an extended definition.

Element	Attribute	M/O	Value	Comments
RecordEntry /RecordData	ResultType	M	CC @ResultType	It will be a result categorization, to indicate whether the result that is for the record is a distance, a time, etc.
	Result	M	MM:SS.ttt 99:99.990	The result of the competitor for the record
RecordData (For Teams and individuals records)	Country	M	CC @Country	Country code where the record was broken
	Place	M	S(40)	The place (town or city) where the record was broken
	Date	M	YYYYMMDD	The date where the record was broken.
	Time	M	MillisTime	Time when was broken the record. Mandatory for the current records.
	Event	M	CC @TypeCompetition	Type of competition where it was this time

5.1.8.6 Message sort

Please, follow the general definition.



5.1.9 Discipline/venue good morning

5.1.9.1 Description

This message is the Discipline/venue good morning message as described in the ODF Sport Messages Interface Document.

5.1.9.2 Header Values

The DocumentCode attribute in the ODF header will be sent according to the discipline/venue pairs as described in the ODF Common Codes document.

5.1.9.3 Trigger and Frequency

Please, follow the general definition.

5.1.9.4 Message Structure

Please, follow the general definition.

5.1.9.5 Message Values

Please, follow the general definition.

5.1.9.6 Message sort

Please, follow the general definition.



5.1.10 Discipline/venue good night

5.1.10.1 Description

This message is the Discipline/venue good night message as described in the ODF Sport Messages Interface Document.

5.1.10.2 Header Values

The DocumentCode attribute in the ODF header will be sent according to the discipline/venue pairs as described in the ODF Common Codes document.

5.1.10.3 Trigger and Frequency

Please, follow the general definition.

5.1.10.4 Message Structure

Please, follow the general definition.

5.1.10.5 Message Values

Please, follow the general definition.

5.1.10.6 Message sort

Please, follow the general definition.



5.1.11 Discipline Configuration

5.1.11.1 Description

This message is the Event unit configuration message as described in the ODF Sport Messages Interface Document.

5.1.11.2 Header Values

Please, follow the general definition.

5.1.11.3 Trigger and Frequency

Please, follow the general definition.

5.1.11.4 Message Structure

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

- ExtendedConfigItem

5.1.11.5 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 Sport Messages Interface Document) that are used in the case of Canoe Sprint, as well as the attributes that have an extended definition.

Element	Attribute	M/O	Value	Comments
Config	Gender	M	CC @Gender	
	Event	M	CC @Event	
	Phase	O	CC @Phase	For Qualification rule per phase use bellow codes Send @Phase=1 @Unit=00 for Final Send @Phase=2 @Unit=00 for Semifinal Send @Phase=2 @Unit=60 for Semi Re race Send @Phase=9 @Unit=00 for Heat Send @Phase=9 @Unit=60 for Heat Re race
	Unit	O	CC @Unit	

The following table describes in more detail the Competition ExtendedConfig element.

Element: ExtendedConfig					
Type	Code	ExtendedConfig Item Code	Pos	Value	Description
EC_RACE	CF_MAXLANES (Send by phase)			N(1) 0	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything For @Value: Max number of lanes.
	CF_RDISTANCE (Send by Event)			Number	For @Type: Send proposed type For @Code: Send proposed code For @Pos: (see codes section) For @Value: Send the total distance for the race in m.
		CF_T_INTER		N(1) 0	For @Type: Send proposed type



Element: ExtendedConfig					
Type	Code	ExtendedConfig Item Code	Pos	Value	Description
					For @Code: Send proposed code
					For @Pos: Do not send anything
					For @Value: Total intermediate points in the race(not including the intermediate 0)
	CF_INTERMEDIATE (Send by Event)		N(1) 0	N(5) 99990	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Send the number that identifies the intermediate point, from 1 to n. Where n is when finish the race.
					For @Value: Send distance in m.
		CF_IS_LAST		S(1)	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything.
					For @Value: Send "F". Only send for the last Intermediate point (when finish the race).
	CF_SECTION (Send by Event)		N(1) 0		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: Do not send anything.
		CF_START		N(1) 0	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything
					For @Value: Send the intermediate point when start the section.
		CF_FINISH		N(1) 0 Or S(1)	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything
					For @Value: Send the intermediate point when finish the section. For sector last section, send "F".
EC_CF	CF_UNIT_CODE (Send by Event unit)			String	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything
					For @Value:



Element: ExtendedConfig					
Type	Code	ExtendedConfig Item Code	Pos	Value	Description
					The Unit Code is the heat code for this race. Usually the heat number: "1", "2", "3", "4", ...
	CF_MATCH_NUMBER (Send by Event unit)			N(3) 990	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything For @Value: Race number is a sequential number for that race in the schedule (but NOT the order of the race, although under normal circumstances it is identical).
	CF_LANE0			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 has a Lane 0.
EC_QUALIFICATION	CF_QUALRULES (Send by phase)			String	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything For @Value: Qualification rule text (long version).
		CF_SHORTV		String	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything For @Value: Qualification rule text (short version).
	CF_RANK_QUALSFN CF_RANK_QUALFNL CF_BT_QUALSFN CF_BT_QUALFNL CF_BT_QUALSFN_y Where y= ("1ST", "2ND", "4HT", "5HT", "8HT"...) CF_BT_QUALFNL_y Where y= ("1ST", "2ND", "4HT", "5HT", "8HT"...) (Send by phase)		N(1) 0		String



Element: ExtendedConfig					
Type	Code	ExtendedConfig Item Code	Pos	Value	Description
					Where y it is the rank's position for that phase. For @Pos: Send 1 to indicate first rank included in the @Code rule. Send 2 to indicate last rank included in the @Code rule. For @Value: Send the rank according to @Code rule and @Pos

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

Type /Code	Description	Expected
EC_RACE /CF_MAXLANES	Highest number of lanes (actually only needed if higher than "usual", ie. 9 (CF))	When was available.
EC_RACE /CF_RDISTANCE	Race description(total race distance, total number of intermediate points)	When was available.
EC_RACE /CF_INTERMEDIATE	Are points in the race where taken results, from 0 to n. Where 0 is when start the race (at this point does not send results only to have a reference of where to start) and n is when finish the race. The finish itself is considerate an intermediate point. Example if you want to take results in the middle and end of the race. You will have 3 intermediate points: 0 when start the race, but this will not be sent. 1 in the middle of the race. 2 at the end of the race, in this case send a "CF_IS_LAST" with "F".	when it is available
EC_RACE /CF_SECTION	Are section between two intermediate points, from 1 and n. Where n is the final point for that section. Example: Section 1 is the section between start the race and intermediate point 1, in general the Section n is the section between Point n-1 and n).	when it is available It is not necessary to send the section 1, because in this case, the results are the same as intermediate point 1.
EC_CF /CF_UNIT_CODE	The race code for each event unit.	When was available
EC_CF /CF_MATCH_NUMBER	The race number for each event unit.	When was available.
EC_CF /CF_LANE0	This attribute indicates if exist a Lane 0.	If apply
EC_QUALIFICATION /CF_QUALRULES	It's the Qualification rules for the competitor by phase. Use short version only for Qualification per Phase. It is mean you should send "00" or "60" (for re race) for Unit.	When was available.
EC_QUALIFICATION /CF_RANK_QUALSFN EC_QUALIFICATION /CF_RANK_QUALFNL	Qualification for next round based on rank.	Not Available for London
EC_QUALIFICATION /CF_BT_QUALSFN EC_QUALIFICATION /CF_BT_QUALFNL	Qualification for next round based on Best time for the competitor who was not qualification by rank. Rule example: "1/6+3 best next by time to S.F., Rest Out" CF_BT_QUALSFN Pos="1" Value="1" CF_BT_QUALSFN Pos="2" Value="3"	Not Available for London
EC_QUALIFICATION /CF_BT_QUALSFN_y EC_QUALIFICATION /CF_BT_QUALFNL_y	Qualification for next round for a specific rank's position based on Best time for the competitor who was not qualification by rank. Rule example: "1 to Final, 2/3 to S.F.+2 best 4th ranked, Rest Out" CF_BT_QUALSFN_4 Pos="1" Value="1"	Not Available for London



Type /Code	Description	Expected
	CF_BT_QUALSFN_4 Pos="2" Value="2"	

5.1.11.6 Message sort

Please, follow the general definition.



5.1.12 Event Unit Weather Conditions

5.1.12.1 Description

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

5.1.12.2 Header Values

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

5.1.12.3 Trigger and Frequency

Please, follow the general definition.

5.1.12.4 Message Structure

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

- Competition /Weather /Conditions /Temperature

5.1.12.5 Message Values

The following table lists the Event Unit Weather Conditions optional and/or extended attributes (defined in the ODF Sport Messages Interface Document), as well as the attributes that have an extended definition.

Element	Attribute	M/O	Value	Comments
Conditions	Code	M	GL	GL for generically, because this information will only be measured once.
	Humidity	M	N(3) 990	Humidity in %
Competition /Weather /Conditions /Temperature	Code	M	AIR, WAT	Air, water
	Unit	M	CC @TemperatureUnit	Metric system unit for temperature
	Value	M	N(2) 90	Temperature of the @Code

5.1.12.6 Message sort

Please, follow the general definition.



6 Real time

The following chapter describes the ODF-RT part of Canoe Sprint.

6.1 Real Time Applicable Messages

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

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



6.1.1 RT Event Unit Results

6.1.1.1 Description

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

6.1.1.2 Header Values

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

6.1.1.3 Trigger and Frequency

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

- ResultStatus="LIVE_UPDATE"
 - T1: Trigger when status race changes.
 - T2: Trigger when the competitor completes each segment.
 - T3: Trigger during the race if the Status is required.
 - T4: Trigger after each competitor finishes the race.
- for the other ResultStatus, please, follow the general definition.

6.1.1.4 Message Structure

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

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

6.1.1.5 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 in the corresponding event unit. This attribute is optional because the competitor could get an invalid rank mark.	T2, T4
	RankEqual	O	S(1)	Send "Y" if Rank has been equalled. Send "N" only if Rank was equalled in previous RT message and is not equalled anymore.	
	ResultType	O	CC @ResultType	Result type, either time or IRM for the corresponding event unit	T3, T4
	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)	T3, T4



Element	Attribute	M/O	Value	Comments	LIVE_UPDATE RT trigger expected
	QualificationMark	O	CC @QualificationMark	Indicates where the boat qualifies from here. The code which gives an indication on the qualification of the competitor for the next round of the competition. Don't send for the final.	T4
	Result	O	MM:SS.ttt 99:90.000	Result for the particular event unit.	T4
	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
RecordIndicators /RecordIndicator	Order	M	Numeric	Number of times current record (RecordCode + RecordType) is broken; increment starting from 1.	T4
	Code	M	CC @RecordCode	Code which describes the record broken by the result value (e.g. "CFM111000").	
	RecordType	M	CC @RecordType	Code which specifies the level at which the record is broken (e.g. "OB").	

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

Element: UnitInfo			
Type	Code	Value	Description
UI_RACE	CF_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
UI_RESULTS	CF_CURRENT	N(1) 0	For @Type: Send proposed type
			For @Code: Send proposed code
			For @Value: Last intermediate point passed by the leader

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

Type /Code	Description	Expected
UI_RACE /CF_REDFLAG	Use when the race is in Red Flag's status.	If apply.
UI_RESULTS /CF_CURRENT	Send the intermediate point where the leader has most recently passed.	when it is available

The following table describes in more detail the Competitor /ExtendedResults /ExtendedResult element for team's events and Competitor /Composition /Athlete /ExtendedResults /ExtendedResult for single's events.



Element: Competitor /ExtendedResults /ExtendedResult Competitor /Composition /Athlete /ExtendedResults /ExtendedResult						
Type	Code	Extension Code	Pos	Value	Description	
ER_QUALIFICATION	CF_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.	
	CF_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	CF_REDFLAG			S(1)	For @Type: Send proposed type	
					For @Code: Send proposed code	
					For @Pos: Do not send anything	
		CF_CURRENT			N(2) 90	For @Type: Send proposed type
						For @Code: Send proposed code
						For @Pos: Do not send anything
	CF_INTERMEDIATE CF_SECTION		N(1) 0	MM:SS.tt 99:90.00 Or <u>Final Time:</u> MM:SS.ttt 99:90.000	For @Type: Send proposed type	
					For @Code: Send proposed code	
					For @Pos: The number that identifies intermediate point/section, from 1 to the total number of intermediate points and from 2 to the total number of sections.	
	CF_RANK			String	For @Type: Send proposed type	
					For @Code: Send proposed code	
					For @Pos: Do not send anything	



Element: Competitor /ExtendedResults /ExtendedResult Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					For @Value: Athlete's rank for that intermediate point/section
		CF_ERANK		S(1)	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. Send N if it has not more
		CF_DIFF		+MM:SS.tt +99:90.00 Or 0.00 for leader Or Final Time: +MM:SS.ttt +99:90.000 Or 0.000 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/section.
		CF_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. It is necessary because it is possible the competitor don't have a rank.
		CF_LASTFINISH		S(1)	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything For @Value: Send "Y" this attribute for the competitor just reached some new split or N if it is not more.
	CF_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. Send N if it has not more
	CF_WARNING			S(1)	For @Type: Send proposed type For @Code: Send proposed code



Element: Competitor /ExtendedResults /ExtendedResult Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					For @Pos: Do not send anything
					For @Value: Send "Y" if the competitor is being warned or N if it has not more.

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

Type /Code	Description	Expected
ER_QUALIFICATION /CF_PHASE ER_QUALIFICATION /CF_UNIT	Indicates where the boat qualifies from here. (Printable Version is in QualificationMark)	T4
ER_RESULTS /CF_REDFLAG	There is a red flag for this lane	when was available
ER_RESULTS /CF_CURRENT	Send for the competitor who has just finished the intermediate point or the race. If the competitor has an IRM: 1. In case the DNS, FLS or the athlete has an IRM before he crosses the first intermediate point: send 1. 2. In other cases, send the Intermediate point that he has crossed most recently plus 1.	Always
ER_RESULTS /CF_INTERMEDIATE	Are points in the race where we have the competitor's results (time, rank, difference).	When was available T2
CF_INTERMEDIATE /CF_IDX	Team order within classification.	When was available
CF_INTERMEDIATE /CF_LASTFINISH	Send this attribute for the competitor just reached some new split. Send with the value equal to the Split Identifier.	When was available
ER_RESULTS /CF_SECTION	Section between two intermediates. (i.e. Section 1 is the section between start the race and intermediate point 1). In case of a photo-tie the status is the word "PHOTO" (and there is no rank) until the tie is resolved.	When was available
ER_RESULTS /CF_PHOTO	It is an attribute for know if it is necessary made a photo for this competitor.	At the end of the race, When was available
ER_RESULTS /CF_WARNING	If the competitor is being warned.	When was available.

6.1.1.6 Message sort

Please, follow the general definition.



6.1.2 RT Cumulative Results

6.1.2.1 Description

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

6.1.2.2 Header Values

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

6.1.2.3 Trigger and Frequency

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

- T1: At the beginning of the day.
- T2: After each race/run

6.1.2.4 Message Structure

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

- Competitor /ExtendedResults /ExtendedResult
- Competitor /ExtendedResults /ExtendedResult /Extensions /Extension

6.1.2.5 Message Values

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

Element	Attribute	M/O	Value	Comments	LIVE_UPDATE RT trigger expected
CumulativeResult	Rank	O	String	Send the Overall rank: Rank over all athletes who have competed.	T2
	RankEqual	O	S(1)	Send "Y" if Rank has been equalled. Send "N" only if Rank was equalled in previous RT message and is not equalled anymore.	
	SortOrder	M	Numeric	Competitor order within event	
CumulativeResult /RecordIndicators /RecordIndicator	Order	M	Numeric	Number of times current record (RecordCode + RecordType) is broken; increment starting from 1.	When was available.
	Code	M	CC @RecordCode	Code which describes the record broken by the CumulativeResult /Result value (e.g. "CFM111000").	
	RecordType	M	CC @RecordType	Code which specifies the level at which the record is broken (e.g. "OB").	
ResultItems /ResultItem	Phase	M	CC @Phase		Always
	Unit	M	CC @Unit		
Result	Rank	O	String	For Heats, Repechage and Semifinals the sort order should be: - Overall: by race rank, then by time - Overall: IRMs as per sport rule For Finals, the sort order should be: - Final A: race rank - Final B: race rank - Overall: IRMs as per sport rule	T2
	RankEqual	O	S(1)	It must send always that the attribute Rank is send, it identify if a rank has been equalled. Send N if it has not more	



Element	Attribute	M/O	Value	Comments	LIVE_UPDATE RT trigger expected
	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 qualifying conditions for a particular event unit.	
	Result	O	MM:SS.ttt 99:90.000	Total Time for the particular event unit.	
	SortOrder	M	Numeric	Competitor order within event unit	
Cumulative Result /ResultItems /ResultItem /RecordIndicators /RecordIndicator (result's record indicator)	Order	M	Numeric	Number of times current record (RecordCode + RecordType) is broken; increment starting from 1. <u>It just applies to event units</u>	When was available.
	Code	M	CC @RecordCode	Code which describes the record broken by the CumulativeResult /ResultItems /ResultItem /Result value (e.g. "CFM111000"). <u>It just applies to event units</u>	
	RecordType	M	CC @RecordType	Code which specifies the level at which the record is broken (e.g. "OB"). <u>It just applies to event units</u>	

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_CF	CF_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	LIVE_UPDATE RT trigger expected
ER_CF /CF_TIME_SORT	Sort order by time in the event	T2

6.1.2.6 Message sort

Please, follow the general definition.



DOCUMENT CONTROL

Version history

Version	Date	Comments
R2 v1.0	1 March 2009	Submitted for review version
R2 v2.0	30 March 2009	Comments after Interface meeting
R2 v3.0	27 April 2009	Document reformatted according to changes log
		Status changed to APP
R2 v4.0	22 May 2009	Changes after the WNPA meeting
R2 v4.1	17 July 2009	Some minor corrections and added the copyright
R2 v5.0	28 June 2010	Some issues
R2 v6.0	20 August 2010	Changes after the ORIS meeting
R2 v7.0	17 January 2011	Changes after PT & IR022
R2 v7.1	18 March 2011	Defect 36648 & 37596
R2 v8.0	8 July 2011	Defect 40236/42088& IR0447& update IR022
R2 v9.0	9 January 2012	CR005875, CR006377, IR0101
R2 v10.0	13 April 2012	CR007516, CR008080, CR008269 & defects 52470, 67565, 67592
R2 v10.1	25 May 2012	Defect 63687
R2 v10.2	22 Jun 2012	Defect 76463

File reference: ODF/INT027 R2 v10.2 APP (CF)



Change Log

Version	Status	Changes on version
R2 v1.0	SFR	<ul style="list-style-type: none">• First version
R2 v2.0	SFA	<ul style="list-style-type: none">• Delete the codes "PHOTO" from CC @IRM and CAN from CC @RunStatus.• Change PTS by POINTS from CC @ResultType.• Change the text "Rowing" by "Canoe Kayak Flatwater"; delete "time trial".• Start List/Unit Results: Delete the RO_STATUS (cancelled) because for know this information you can consult the schedule message.• Start List: Change _POVITIONAL by _PROVITIONAL• It is necessary add a new Competitor@type = "N" for NOC for the "Cumulative Results" message in the Sport Document.• Cumulative Results: Send event general code (000) for DocumetnCode; Add @Rank and @SortOrder ; Change PTS by POINTS; Delete ResultItem and Result elements; Add the ExtendedResult and Extension elements for the point and rank for each type of boat by gender.• Discipline Configuration: change _MAXLINES by _MAXLANES; the _MAXLANES can be different by phase.• Discipline Configuration: It is not necessary send the Distance for _SECTION.• Discipline Configuration: Send _QUALRULES by phase; Change the _LINESPOS to external element.• Discipline Configuration: Add a new element (_RANK_QUALSEM, _RANK_QUALFNL, _BT_QUALSEM, _BT_QUALFNL, _BT_QUALSEM_y, _BT_QUALFNL_y) for WNPA• RT event unit result: change the format for @Rank and _RANK to String; Delete @pos from _RANK because we use _IDX for that• RT event unit result: Add a flag for PHOTO and WARNING.• Add "Event Final Ranking" message for "Competition Summary" and "Final placing by NOC".
R2 v3.0	APP	<ul style="list-style-type: none">• Reorder the Codes section alphabetically according with the code entity.• _LASTFINISH : change the value from S(20) to S(1), because we know who is the competitor• Status changed to APP
R2 v4.0	APP	<ul style="list-style-type: none">• RT Results change CC @RTIRM by CC @IRM• RT cumulative: change Qualificationark by QualificationMark• Results/ RT Results: delete _WEATER and put all that information in the new message for Weather• Record: Add a new attribute Time• Discipline Config: change _RDESC by _MATCH_NUMBER because we use the code for all the sports; Add _CODE for the race code• Change "List of athletes by discipline" (DT_PARTIC_ATHLETES) by "List of participants by discipline" (DT_PARTIC), where this message is merging the messages list of athletes, list of officials and list of historical athletes.• Change "List of athletes by discipline update" (DT_PARTIC_ATHLETES_UPDATE) by "List of participants by discipline update" (DT_PARTIC_UPDATE), where this message is merging the messages list of athletes update and list of officials update.• Merge the messages "List of Teams" (DT_PARTIC_TEAMS) and "List of Historical teams" (DT_TEAMS_HISTORIC) in "List of Teams".• Delete DT_ORGANISATIONS, DT_PARTIC_OFFICIALS, DT_PARTIC_OFFICIALS_UPDATE, DT_PARTIC_HISTORIC, DT_TEAM_HISTORIC.• Add a new message DT_HIST_REC_UPDATE, DT_WEATHER
R2 v4.1	APP	<ul style="list-style-type: none">• Some minor corrections and added the copyright.• Delete "equestrian" from the description of DT_PARTIC_HORSES_UPDATE.
R2 v5.0	APP	<ul style="list-style-type: none">• General: Update the Y/N values; The extra information for the single's events should be send bellow the /Composition /Athlete element; Changes in the time's formats



Change Log

Version	Status	Changes on version
		<ul style="list-style-type: none">• Codes: Add comments for the official's codes. Those codes can be change when we have the new command codes.• Partipants: Add OfficialFunction element for the officials if apply; Add MainFunctionId• Historical Recods: update• Start List: Indicator as supplied by OVR for DNS or other possible results before the race;• Results: add _LINEPOS• Records: The records should be for individuals and teams.• Config: _QUALRULES clarification the description of this element; removed _LINEPOS; add an element_LANE0 to know if the race starts with Lane "0".• Weather: Add a Condition element• RT Results: Remove the _LANE; Remove the _LAST and _INTERMEDIATE for UnitInfo; add a _CURRENT to know the current intermediate point for each competitor.• RT Cumulative: Add CumulativeResult@Rank instead Result@Rank for overall rank.• Changes after the WNPA meeting (IR003):<ul style="list-style-type: none">▪ Results/Cumulative Results: Add the attribute RankEqual and the element _ERANK when there are an attribute Rank to identify if this is equalled or not.• IR004:<ul style="list-style-type: none">▪ RT Results: _CURRENT change @pos by @Value



Change Log

Version	Status	Changes on version
R2 v6.0	APP	<ul style="list-style-type: none">Results/Cumulative: Merge RT data and PiTChanges after the ORIS meeting (CR550):<ul style="list-style-type: none">Changes in the Sport NameThe term "crew" has been changed to "boat"
R2 v7.0	APP	<ul style="list-style-type: none">Changes after PT:<ul style="list-style-type: none">Codes: remove for CC @RunStatusResult: Add a _REDFLAG; update the RecordIndicator to use the CC @RecordTypeRT Cumulative: Change the trigger (defect 30914)Changes after the WNPA meeting (IR022):<ul style="list-style-type: none">Start list/Results/Official communication/ Medallists of one event: Change the triggers and frequency as the revision of WNPA meetingCodes: add a format column to Section 3 of the Data Dictionaries
R2 v7.1	APP	<ul style="list-style-type: none">Defect 36648: RT Cumulative/Results: update the comments for RankEqualDefect 37596: Participant/Start List: In the Description Column, Replace "For @Pos: Send the order for that position" with "For @Pos: Send always 1".
R2 v8.0	APP	<ul style="list-style-type: none">Defect 40236:<ul style="list-style-type: none"><u>In Header Values</u>: Remove the sentence "Attribute @ResultStatus should always be either "LIVE_UPDATE" or "LIVE_FULL".", as this is already explained in the Sport Message Interface document.<u>In Trigger and Frequencies</u>: Keep the part explaining the triggers for ResultStatus = "LIVE_UPDATE", and say that for the other ResultStatus we should follow the general definition.<u>In Message Structure</u>: Remove part of the sentence "for both LIVE_UPDATE and LIVE_FULL messages"<u>In Message Values</u>: Remove the sentences "In the case of ResultStatus="LIVE_FULL", send <u>all</u> attributes and codes according to the tables described in this section. In the case of ResultStatus="LIVE_UPDATE", send <u>just the updated</u> attributes and codes according to the tables described in this section.", as this is already explained in the Sport Message Interface document.IR0447: Log changes in ODF documentation should be moved at the endDefect 42088: Weather : update the messages structure sectionIR022: Update the trigger and frequency for medallist and config messages
R2 v9.0	APP	<ul style="list-style-type: none">CR005875: Cumulative Results / RT Cumulative Results: added CF_TIME_SORT ExtendedResultCR006377:<ul style="list-style-type: none">- Start List: removed Officials/Official element- Codes: removed values used for CC @Function in DT_START_LISTIR0101: Add DT_SERIAL message in the PiT messages
R2 v10.0	APP	<ul style="list-style-type: none">CR008080: Cumulative Results / RT Cumulative Results: added clarification for Rank attributeCR008269: DT_WEATHER: removed Wind Speed, Sky Weather Conditions and Wind Direction attributesDefect 52470: All references to values for CC@Function in DT_PARTIC have been removed.Defect 67565: Bib value has been updated to S(3).Defect 67592: @Pos should start at 2 for CF_SECTION code in Event Unit Results and RT Event Unit Results.CR7516:<ul style="list-style-type: none">The RecordIndicators /RecordIndicator elements are used in DT_RESULT and DT_RT_RESULT so add to DT_CUMULATIVE and DT_RT_CUMULATIVE_RESULT messages too.Clarify the meaning of RecordIndicator@Order, use CC @RecordCode



Change Log

Version	Status	Changes on version
		for attribute RecordIndicator@Code, add an attribute called RecordIndicator@RecordType for CC @RecordType in the DT_RESULT, DT_CUMULATIVE_RESULT, DT_RT_RESULT and DT_RT_CUMULATIVE_RESULT messages.
R2 v10.1	APP	<ul style="list-style-type: none">Defect 63687:<ul style="list-style-type: none">Added clarification for CumulativeResults/Rank and CumulativeResults/SortOrderRemoved references to message with [DD]0000000
R2 v10.2	APP	<ul style="list-style-type: none">Defect 76463:<ul style="list-style-type: none">Added clarification for DT_CONFIG message, Element:ExtendedConfig, Type:EC_QUALIFICATION



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