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Olympic Data Feed

ODF Canoe Slalom Data Dictionary

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1 Introduction

1.1 This document

This document includes the ODF Canoe Slalom 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 Slalom, 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 Slalom Data Dictionary, with the intention that the information message producer and the message consumer can successfully interchange the information as the Canoe Slalom 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
- **CS** – Canoe Slalom
- **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 Slalom 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 Slalom 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 Slalom.

Any ODF Canoe Slalom 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 @IRM	Code	Description
	DNF	Did not finish
	DNS	Did not start
	DSQ-C	Disqualified for competition
	DSQ-R	Disqualified for run
CC @Position	Code	Description
	A	Front (Bow)
	B	Back (Stern)
CC @QualificationMark	Code	Description
	Q	Qualified for the next Phase
CC @ResultType	Code	Description
	IRM	IRM status
	TIME	Time



4 Canoe Slalom 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 Slalom, 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	X
DT_PARTIC_TEAMS_UPDATE	List of teams update	Central	X	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		
DT_HIST_REC_UPDATE	Historical records update	Central		
DT_GLOBAL_GM	Global good morning	Central	Global	



DT_GLOBAL_GN	Global good night	Central	Global	
DT_START_LIST	Start List	Sports	X	X
DT_RESULT	Event Unit Results	Sports	X	X
DT_PHASE_RESULT	Phase Results	Sports	X	X
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_MEDALLISTS_DISCIPLINE	Medallists by discipline	Sports	X	
DT_RECORD	Records	Sports		
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		
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, 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 Slalom 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 Slalom, 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
Discipline	InternationalFederationId	O	S(16)	Competitor’s ICF number
RegisteredEvent	Bib	O	String	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, ...

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

Element: EventEntry				
Type	Code	Pos	Value	Description
E_ENTRY	E_RANK		String	For @Type: Send proposed type
				For @Code:



Element: EventEntry				
Type	Code	Pos	Value	Description
				Send proposed code
				For @Pos: Do not send anything
				For @Value: ICF ranking for the competitor If exist an equal record send "=" at the beginning of the rank.
	E_POSITION	N(1)	CC @Position	For @Type: Send proposed type
				For @Code: Send proposed code
				For @Pos: Send always 1
				For @Value: Send the position in boat

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

Type /Code	Description	Expected
E_ENTRY /E_RANK	Send the ICF ranking	As soon as this information is available
E_ENTRY /E_POSITION	Send the position in boat code	Just for Canoe Double event

5.1.1.6 Message sort

Please, follow the general definition.



5.1.2 List of teams /List of teams update

5.1.2.1 Description

This message is the List of accredited teams by discipline (and the update) as described in the ODF Central Messages Interface Document.

5.1.2.2 Header Values

The definition in the ODF Central Messages Interface Document is valid

5.1.2.3 Trigger and Frequency

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

5.1.2.4 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 Slalom are:

- EventEntry

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

5.1.2.5 Message Values

The following table lists the “List of accredited teams by discipline/ update” optional attributes (defined in the ODF Central Messages Interface Document) that are used in the case Canoe Slalom, as well as the attributes that have an extended definition.

Element	Attribute	M/O	Value	Comments
RegisteredEvent	Bib	O	String	Bib number for the team. 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 EventEntry element in the case of Canoe Slalom.

Element: EventEntry				
Type	Code	Pos	Value	Description
E_ENTRY	E_RANK		String	For @Type: Send proposed type
				For @Code: Send proposed code
				For @Pos: Do not send anything
				For @Value: ICF ranking for the competitor. If exists an equal record send “=” at the beginning of the rank

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

Type /Code	Description	Expected
E_ENTRY /E_RANK	Send the ICF ranking	As soon as this information is available



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

Element	Attribute	M/O	Value	Comments
Start	StartOrder	O	Numeric	Start order
	SortOrder	M	Numeric	
Start /Competitor	Bib	O	String	Bib number. Although this attribute is optional, it will be updated and informed as soon as this information is known. Example: 8, 10 ...
Start /Competitor /Composition /Athlete	Order	M	Numeric	The order for the boat member for each boat.
	Bib	O	String	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 Slalom.

Element: UnitInfo				
Type	Code	Pos	Value	Description
UI_TIME	CS_STIME	N(1) 0	HH:MM:SS 99:99:90	For @Type: Send proposed type
				For @Code: Send proposed code



				For @Pos: Send the forerunner number
				For @Value: Start time for the forerunner
	CS_BOATTYPE		String	For @Type: Send proposed type
				For @Code: Send proposed code
				For @Pos: Do not send anything
				For @Value: Boat Type. e.g. C1, K1, ...
UI_CS	CS_INTERMEDIATE	N(1) 0	N(2) 90 or S(1)	For @Type: Send proposed type
				For @Code: Send proposed code
				For @Pos: Send the number that identifies the intermediate point, from 1 to n. The last one corresponds to the finish line.
				For @Value: Send the gate number where the split point is placed or F in case of finish line.
	CS_GATES_NUM		N(2) 90	For @Type: Send proposed type
				For @Code: Send proposed code
				For @Pos: Do not send anything
				For @Value: Send the total number of gates

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

Type /Code	Description	Expected
UI_TIME /CS_STIME	Forerunner's start time	If available
UI_TIME /CS_BOATTYPE	Boat Type for the Forerunner	If available
UI_CS /CS_INTERMEDIATE	Gate number where the split point is placed or F for the finish line.	If available
UI_CS /CS_GATES_NUM	Send the total number of gates in the unit	If available

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

Element: Competitor /EventUnitEntry			
Type	Code	Value	Description
EUE_TIME	CS_STIME	HH:MM:SS 99:99:90	For @Type: Send proposed type
			For @Code:



Element: Competitor /EventUnitEntry			
Type	Code	Value	Description
			Send proposed code
			For @Value: Start time for the team
EUE_CS	CS_IRM	CC @IRM	For @Type: Send proposed type
			For @Code: Send proposed code
			For @Value: Indicator as supplied by OVR for DNS or other possible results before the run

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

Type /Code	Description	Expected
EUE_TIME /CS_STIME	Team's start time	When available Send for Double
EUE_CS /CS_IRM	Indicator as supplied by OVR for DNS or other possible results before the run	Just if applies. Just for double events.

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

Element: Competitor /Composition /Athlete /EventUnitEntry			
Type	Code	Value	Description
EUE_TIME	CS_STIME	HH:MM:SS 99:99:90	For @Type: Send proposed type
			For @Code: Send proposed code
			For @Value: Start time for the single competitor
EUE_CS	CS_IRM	CC @IRM	For @Type: Send proposed type
			For @Code: Send proposed code
			For @Value: Indicator as supplied by OVR for DNS or other possible results before the run

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

Type /Code	Description	Expected
EUE_TIME /CS_STIME	Single competitor's start time	When available Send for Single events
EUE_CS /CS_IRM	Indicator as supplied by OVR for DNS or other possible results before the run	Just if applies. Send for Single events



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

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 Slalom are:

- UnitDateTime (following the general rules for this element)
- Competition/UnitInfos/UnitInfo
- 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)	Y in the case of equalled rank
	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 Heats – Run 1 and the final.
	Result	O	SSS.tt 999.90	Total time (including the penalty) 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 Canoe Slalom.



Element: Competition /UnitInfos /UnitInfo						
Type	Code	Extensions	Pos	Value	Description	
UI_CS	CS_GATE		N(2) 90		For @Type: Send proposed type	
					For @Code: Send proposed code	
					For @Pos: The number that identifies the gate, from 1 to the total number of sections.	
					For @Value: Do not send anything	
		CS_TOUCHED		N(2) 90		For @Type: Send proposed type
						For @Code: Send proposed code
	CS_MISSED			N(2) 90		For @Pos: Do not send anything
						For @Value: Total number of touches
						For @Type: Send proposed type
						For @Code: Send proposed code
						For @Pos: Do not send anything
						For @Value: Total number of misses

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

Type /Code	Description	Expected
UI_CS /CS_GATE	The gate that the competitor just pass.	When available
CS_GATE /CS_TOUCHED /CS_GATE /CS_MISSED	Total number of touched/missed at that gate for the Event Unit	When available

The following table describes in more detail the Competitor /ExtendedResults /ExtendedResult and Competitor /Composition /Athlete /ExtendedResults /ExtendedResult elements, for doubles.

Element: Competitor /ExtendedResults /ExtendedResult Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
ER_RESULTS	CS_INTERMEDIATE		N(1) 0		For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos:



Element: Competitor /ExtendedResults /ExtendedResult					
Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					The number that identifies intermediate, from 1 to n.
					For @Value: Do not send anything
		CS_TIME		SSS.tt 999.90	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything
					For @Value: Time at this intermediate point
		CS_PTY		N(2) 90	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything
					For @Value: Penalty's Seconds at this intermediate point
		CS_SCORE		SSS.tt 999.90	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything.
					For @Value: Total time (include the penalty time) at this intermediate point
		CS_DIFF		+SS.tt +00.00	For @Type: Send proposed type
				or	For @Code: Send proposed code
				0.00	For @Pos: Do not send anything
					For @Value: The difference time (including the penalty time) between that competitor and the leader at this intermediate point. Send for the leader 0.00.
	CS_GATE		N(2) 90		For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: The number that identifies the gate, from 1 to the total number of sections.



Element: Competitor /ExtendedResults /ExtendedResult Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					For @Value: Do not send anything
		CS_PTY		N(2) 90	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything
					For @Value: Penalty's Seconds in that gate
	CS_DIFF			+SS.tt +00.00	For @Type: Send proposed type
				or	For @Code: Send proposed code
				"0.00" for leader	For @Value: The difference in Total time between the competitor and the leader at the intermediate point.

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

Type /Code	Extension code	Description	Expected
ER_RESULTS /CS_INTERMEDIATE		Are points in the race where we have the competitor's results (time, penalty time, score, and time behind)	If available
	CS_TIME	Time at this intermediate point	
	CS_PTY	Penalty's Seconds at this intermediate point	
	CS_SCORE	Total time (include the penalty time) at this intermediate point	
	CS_DIFF	The difference time (including the penalty time) between that competitor and the leader at this intermediate point. Send for the leader 0.00	
ER_RESULTS /CS_GATE		The gate that the competitor just pass	If available
	CS_PTY	Penalty's Seconds in that gate	
ER_RESULTS /CS_DIFF		Required to generate Points Behind Leader during Semi-finals and Finals.	If available (Just Semifinals and Finals)

5.1.4.6 Message sort

Please, follow the general definition.



5.1.5 Phase Results

5.1.5.1 Description

This message is the Phase 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 for all the competition events to the ODF Common Codes document (header values sheet).

5.1.5.3 Trigger and Frequency

This message should be sent after the Semi-final and Final with the DocumentCode DDGEEEP000.

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 Slalom are:

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

5.1.5.5 Message Values

The following table lists the Phase Results optional attributes (defined in the ODF Sport Messages Interface Document) that are used in the case of Canoe Slalom, 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)	Y in the case of equalled rank
	ResultType	M	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	Indicates whether the team is qualified. Don't send for the final.
	Result	O	SSS.tt 999.90	Total time (including the penalty) 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 Competitor /ExtendedResults /ExtendedResult element

Element: Competitor /ExtendedResults /ExtendedResult



Type	Code	Value	Description
ER_RESULTS	CS_DIFF	+SS.tt +00.00	For @Type: Send proposed type For @Code: Send proposed code For @Value: The difference time between that competitor and the leader. Send for the leader 0.00.

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

Type /Code	Description	Expected
ER_RESULTS /CS_DIFF	Time behind.	As soon as it is known.

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

Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult			
Type	Code	Value	Description
ER_RESULTS	CS_DIFF	+SS.tt +00.00	For @Type: Send proposed type For @Code: Send proposed code For @Value: The difference time between that competitor and the leader. Send for the leader 0.00.

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

Type /Code	Description	Expected
ER_RESULTS /CS_DIFF	Time behind.	As soon as it is known.

5.1.5.6 Message sort

Please, follow the general definition.



5.1.6 Cumulative Results

5.1.6.1 Description

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

The Cumulative Results message is used to send an interim summary of results (including rank) part way through a phase. In this case, the DocumentSubtype is used to specify the last phase or event unit that contributed results to the message.

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).

The DocumentSubType should be by event unit (DDGEEPUU) and should be sent just per Heats.

5.1.6.3 Trigger and Frequency

Cumulative message is only sent during Heats after Run 1 and after Run 2.

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 Slalom are:

- ExtendedInfos and its child element ExtendedInfo
- Competitor /ExtendedResults /ExtendedResult
- Competitor /Composition /Athlete /ExtendedResults /ExtendedResult

5.1.6.5 Message Values

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

Element	Attribute	M/O	Value	Comments
CumulativeResult	Rank	O	String	Rank over all athletes who have competed.
	RankEqual	O	S(1)	Y in the case of equalled rank.
	ResultType	O	CC @ResultType	Result type, either time for the corresponding event unit.
	QualificationMark	O	CC @QualificationMark	Codes vary based on qualifying conditions for a particular event unit.
	Result	O	HH:MM:SS 99:99:90	Best score (including the penalties)
	SortOrder	M	Numeric	Competitor order within event
ResultItems /ResultItem	Phase	M	CC @Phase	This information came from common codes
	Unit	M	CC @Unit	This information came from common codes
Result	Rank	O	String	Rank over all athletes who have competed.
	RankEqual	O	S(1)	Y in the case of equalled rank.
	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 Send just in the case @ResultType is IRM, (see codes section)
	QualificationMark	O	CC @QualificationMark	Codes vary based on qualifying conditions for a particular event unit. Only for the best heat run.
	Result	O	HH:MM:SS 99:99:90	Total score (including the penalty)
	SortOrder	M	Numeric	Competitor order within event

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

Element: Competition /UnitInfos /UnitInfo						
Type	Code	Extensions	Pos	Value	Description	
UI_CS	CS_GATE		N(2) 90		For @Type: Send proposed type	
					For @Code: Send proposed code	
					For @Pos: The number that identifies the gate, from 1 to the total number of sections.	
					For @Value: Do not send anything	
	CS_TOUCHED			N(2) 90		For @Type: Send proposed type
						For @Code: Send proposed code
						For @Pos: Do not send anything
						For @Value: Total number of touches
	CS_MISSED			N(2) 90		For @Type: Send proposed type
						For @Code: Send proposed code
						For @Pos: Do not send anything
						For @Value: Total number of misses

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

Type /Code	Description	Expected
UI_CS /CS_GATE	The gate that the competitor just pass.	When available
CS_GATE /CS_TOUCHED CS_GATE /CS_MISSED	Total number of touched/missed at that gate for the Event Unit	When available



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

Element: Competitor /ExtendedResults /ExtendedResult Competitor /Composition /Athlete /ExtendedResults /ExtendedResult				
Type	Code	Value	Description	
ER_RESULTS	CS_DIFF	+SS.tt	For @Type: Send proposed type	
		+00.00	For @Code: Send proposed code	
		Or "0.00" for leader	For @Value: The difference cumulative total time between that competitor and the leader at the intermediate point	
	CS_BEST	N(2) 00		For @Type: Send proposed type
				For @Code: Send proposed code
				For @Value: Event unit code where the competitor obtained the best score at the corresponding phase

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

Type /Code	Description	Expected
ER_RESULTS /CS_DIFF	The difference cumulative total time between this competitor and the leader at the split	
ER_RESULTS /CS_BEST	Event unit code where the competitor obtained the best score at the corresponding phase (for example, 01 in case of best score obtained at 1 st Run)	Just for heats, if available

5.1.6.6 Message sort

Please, follow the general definition.



5.1.7 Event Final Ranking

5.1.7.1 Description

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

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

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

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

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

5.1.7.5 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 Slalom, as well as the attributes that have an extended definition.

Element	Attribute	M/O	Value	Comments
Result	Rank	M	Numeric	Final rank for the finalists competitors in the corresponding event.
	RankEqual	O	S(1)	Send Y in case of equalled Rank
	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. Sort by rank, NOC. For the eliminated use @Code=CS_ORDER.

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

Element: Competitor /ExtendedResults /ExtendedResult			
Type	Code	Value	Description
ER_ES ER_EH	CS_ORDER	N(2) 90	For @Type: Send proposed type
			For @Code: Send proposed code
			For @Value: Send the order for the competitor when was eliminated in Semi-final /heats.



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

Type /Code	Description	Expected
ER_ES /CS_ORDER ER_EH /CS_ORDER	Send the order for the competitor when was eliminated in Semi-final /heats. Where ER_ES it is when the competitor was eliminated in Semi-final and ER_EH it is when the competitor was eliminated in Heats.	When available

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

Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult			
Type	Code	Value	Description
ER_ES ER_EH	CS_ORDER	N(2) 90	For @Type: Send proposed type
			For @Code: Send proposed code
			For @Value: Send the order for the competitor when was eliminated in Semi-final /heats.

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

Type /Code	Description	Expected
ER_ES /CS_ORDER ER_EH /CS_ORDER	Send the order for the competitor when was eliminated in Semi-final /heats. Where ER_ES it is when the competitor was eliminated in Semi-final and ER_EH it is when the competitor was eliminated in Heats.	When available



5.1.8 Event's Medallists

5.1.8.1 Description

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

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

5.1.8.2 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).

5.1.8.3 Trigger and Frequency

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

5.1.8.4 Message Structure

Please, follow the general definition.

5.1.8.5 Message Values

Please, follow the general definition.

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

- Day INFO operations start.
- When this information was available.

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 Slalom 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 Slalom, 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	
	Unit	O	CC @Unit	

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

Element: ExtendedConfig				
Type	Code	Pos	Value	Description
EC_CS	CS_EVENT_CODE (Send by Event)		S(n)	For @Type: Send proposed type
				For @Code: Send proposed code
				For @Pos: Do not send anything.
				For @Value: Send the correspondent event code.
EC_QUALIFICATION (by phase)	CS_QUALRULES		S(n)	For @Type: Send proposed type
				For @Code: Send proposed code
				For @Pos: Do not send anything
				For @Value: Qualification rule text (long version).



Element: ExtendedConfig				
Type	Code	Pos	Value	Description
	CS_RANK_QUALSFN /CS_RANK_QUALFNL	N(1) 0	N(4) 9990	<p>For @Type: Send proposed type</p> <p>For @Code: Send proposed code for the qualification rule.</p> <p>CS_RANK_QUALSFN /CS_RANK_QUALFNL are the code that indicates the qualification for Semi-final /final based on rank.</p> <p>For @Pos: Send 1 to indicate first rank included in the @Code rule. Send 2 to indicate last rank included in the @Code rule.</p> <p>For @Value: Send the rank according to @Code rule and @Pos</p>

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

Type /Code	Description	Expected
EC_CS /CS_EVENT_CODE	The event code for each event. Example: "K1 W", "C2 M"	Always
EC_QUALIFICATION /CS_QUALRULES	It's the Qualification rules for the competitor by phase.	Always, if the rule applies to the competition.
EC_QUALIFICATION /CS_RANK_QUALSFN EC_QUALIFICATION /CS_RANK_QUALFNL	Qualification for next round based on rank.	Always, if the rule applies to the competition.

5.1.11.6 Message sort

Please, follow the general definition.



6 Real time

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

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 Slalom 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: At the start of the run (boat becomes "current") and the previous boat has finished their run and received all gate score.
 - T2: After passing one gate.
 - T3: After passing one intermediate point.
 - T4: After the boat completes the run (boat finishes run).
- 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 Slalom are:

- 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 run. This attribute is optional.	T4
	RankEqual	O	S(1)	Y in the case of equalled rank.	
	ResultType	O	CC @ResultType	Result type. (see codes section)	T4
	IRM	O	CC @IRM	IRM for the run Send just in the case @ResultType is IRM (see codes section)	T4



Element	Attribute	M/O	Value	Comments	LIVE_UPDATE RT trigger expected
	Qualification Mark	O	CC @Qualificatio nMark	The code which gives an indication on the qualification of the competitor for the next round of the competition. Don't send for Heats – Run 1 and the final.	Only applies in Semi-finals. T4 AND Insert the first Q when x-1 boats remain in the phase and continue until all Qs are inserted The principle is the only insert Q when it cannot change. (x = number to progress to the final)
	Result	O	SSS.tt 999.90	Score (including the penalty) for the particular event unit.	T4
	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.	When available

The following table describes in more detail the Competitor /ExtendedResults /ExtendedResult and Competitor /Composition /Athlete /ExtendedResults /ExtendedResult elements, for double event.

Element: Competitor /ExtendedResults /ExtendedResult Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
ER_RESULTS	CS_CURRENT			S(1)	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything.
					For @Value: Send "Y" 1. when the competitor start, 2. when competitor completes the run and Result is sent and send "N" when the next athlete starts the race .
	CS_NEXT			S(1)	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos:



Element: Competitor /ExtendedResults /ExtendedResult					
Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					Do not send anything.
					For @Value: Send "Y" when previous competitor become current, and "N" in other case.
	CS_PREVIOUS			S(1)	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything.
					For @Value: Send "Y" if this competitor it is the previous, "N" in other case.
	CS_LASTFINISH			S(1)	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything.
					For @Value: Send "Y" if this competitor complete the run, "N" in other case.
	CS_INTERMEDIATE		N(1) 0		For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: The number that identifies intermediate, from 1 to n, being the last one the finish line.
					For @Value: Do not send anything
		CS_TIME		SSS.tt 999.90	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything
					For @Value: Time for that run. Send at the end of the run.
		CS_PTY		N(2) 90	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: Penalty's Seconds Send at the end of the run.
		CS_SCORE		SSS.tt 999.90	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything.
					For @Value: Total time (include the penalty time) for that event unit.
		CS_DIFF		+SS.tt +00.00	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. In Heats Run 2, the split time difference should be calculated against the overall leader of the heat (and not the leader of Run 2). Send 0.00 for the leader
		CS_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 intermediate point and "N" in other case.
	CS_GATE		N(2) 90		For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: The number that identifies the gate, from 1 to the



Element: Competitor /ExtendedResults /ExtendedResult					
Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					total number of gates used. For @Value: Do not send anything
		CS_PTY		N(2) 90	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything For @Value: Penalty's Seconds in this gate
		CS_LAST		S(1)	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything For @Value: Send Y in case of this gate is the last one crossed by the current boat; N if it is the previous one
	CS_DIFF			+SS.tt +00.00 or "0.00" for leader	For @Type: Send proposed type For @Code: Send proposed code For @Value: The difference cumulative total time between that competitor and the leader. Send 0.00 for the leader

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

Type /Code	Extension Code	Description	Expected
ER_RESULTS /CS_CURRENT		It is a flag for know who is the current competitor.	T1
ER_RESULTS /CS_NEXT		It is a flag for know who will be the next competitor.	T1
ER_RESULTS /CS_PREVIOUS		It is a flag for know who was the previous competitor.	T1
ER_RESULTS /CS_LASTFINISH		This flag is sent when the competitor is set to Previous.	T4 (Just Semifinals and



			Finals)
ER_RESULTS /CS_INTERMEDIATE		Are points in the race where we have the competitor's results (time, score, penalty time, time behind).	T3, T4
	CS_TIME	Time for the run at the intermediate point	T3, T4
	CS_PTY	Penalty time for the run at the intermediate point	T3, T4
	CS_SCORE	Score for that intermediate point	T3, T4
	CS_DIFF	The difference time between that competitor and the leader. In Heats Run 2, the split time difference should be calculated against the overall leader of the heat (and not the leader of Run 2).	T3, T4
	CS_LASTFINISH	Send this attribute for the competitor just reached some new intermediate point. For know if the competitor just complete a split or finish the run.	When available
ER_RESULTS /CS_GATE		Gate number, from 1 to the total number of gates used.	T2
	CS_PTY	Penalty's Seconds in this gate	T2
	CS_LAST	Send Y in case of this gate is the last one crossed by the current boat; N if it is the previous one	T2
ER_RESULTS /CS_DIFF		The difference cumulative total time between this competitor and the leader.	T1 (Just Semifinals and Finals)

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.

The RT Cumulative Results message is used to send an interim summary of results (including rank) part way through a phase. In this case, the DocumentSubtype is used to specify the last phase or event unit that contributed results to the message.

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 DocumentSubtype should be by event unit (DDGEEPUU) and should be sent just per Heats.

6.1.2.3 Trigger and Frequency

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

- T1: After the boat completes the run.
- T2: After the boat During the during run 2

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 Slalom are:

- ExtendedInfos and its child element ExtendedInfo
- Competitor /ExtendedResults /ExtendedResult
- Competitor /Composition /Athlete /ExtendedResults /ExtendedResult

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 Slalom.

Element	Attribute	M/O	Value	Comments	LIVE_UPDATE RT trigger expected



Element	Attribute	M/O	Value	Comments	LIVE_UPDATE RT trigger expected
CumulativeResult	Rank	O	String	<p>Rank over all athletes who have competed.</p> <p>If the boat is current (ER_RESULTS/CS_CURRENT@Value = Y from RT Result message), update its overall rank after finishes its run in that unit.</p> <p>In Heats - Run 2, If the boat is the next one (ER_RESULTS/CS_NEXT@Value = Y from RT Result message), update its overall rank after the "current" boat finishes and receives their total.</p> <p>If the boat is the previous one (ER_RESULTS/CS_CS_PREVIOUS@Value = Y from RT Result message), update its overall rank after the "current" boat finishes.</p>	T1
	RankEqual	O	S(1)	Y in the case of equalled rank.	
	ResultType	O	CC @ResultType	Result type, either time for the corresponding event unit.	
	QualificationMark	O	CC @QualificationMark	Codes vary based on qualifying conditions for a particular event unit.	
	Result	O	HH:MM:SS 99:99:90	Best score (including the penalties)	
	SortOrder	M	Numeric	Competitor order within event	
ResultItems/ResultItem	Phase	M	CC @Phase	This information came from common codes	Always



Element	Attribute	M/O	Value	Comments	LIVE_UPDATE RT trigger expected
	Unit	M	CC @Unit	This information came from common codes	
Result	Rank	O	String	Rank over all athletes who have competed.	T1
	RankEqual	O	S(1)	Y in the case of equalled rank.	
	ResultType	O	CC @ResultType	Result type, either time or IRM for the corresponding event unit	
	IRM	O	CC @IRM	IRM Send just in the case @ResultType is IRM, (see codes section)	
	QualificationMark	O	CC @QualificationMark	Codes vary based on qualifying conditions for a particular event unit. Only for the best heat run.	Only applies in Heats. T1 AND Insert the first Q when x-1 boats remain in the phase and continue until all Qs are inserted. During the Heats second run, it is possible to start populating the Q when x boats remain if the current leader is part of the remaining boats. The principle is the only insert Q when it cannot change. (x = number to progress to the semi-final)
	Result	O	HH:MM:SS 99:99:90	Total score (including the penalty)	T1
SortOrder	M	Numeric	Competitor order within event	Always	

The following table describes in more detail the Competition /ExtendedInfos /ExtendedInfo element.

Element: Competition /ExtendedInfos /ExtendedInfo			
Type	Code	Value	Description



Element: Competition /ExtendedInfos /ExtendedInfo			
Type	Code	Value	Description
EI_CS	CS_LAST_QUAL	S(20) with no leading zeros	For @Type: Send proposed type
			For @Code: Send proposed code
			For @Value: ID of the last competitor qualified

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

Type /Code	Description	LIVE_UPDATE RT trigger expected
EI_CS /CS_LAST_QUAL	<p>Identification of the last competitor qualified for the next phase.</p> <p>In the heats, send the last boat that would qualify given current results (even if qualification is not yet confirmed). For example, if 12 boats will qualify, the 4th row would populate with rank 4 when the 4th boat finishes the first run, rank 5 when the 5th boat finishes, rank 12 when the 12th boat finishes. The 12th rank boat would continue to be updated after each boat until all boats have finished</p> <p>Just for heats.</p>	T1

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

Element: Competitor /ExtendedResults /ExtendedResult Competitor /Composition /Athlete /ExtendedResults /ExtendedResult						
Type	Code	Extension Code	Pos	Value	Description	
ER_RESULTS	CS_DIFF			+SS.tt +00.00	For @Type: Send proposed type	
				or	For @Code: Send proposed code	
				"0.00" for leader	For @Value: The difference cumulative total time between that competitor and the leader at the intermediate point	
	CS_BEST				N(2) 00	For @Type: Send proposed type
					For @Code: Send proposed code	
					For @Value: Event unit code where the competitor obtained the best score at the corresponding phase	



Element: Competitor /ExtendedResults /ExtendedResult					
Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
	CS_LASTFINIS H			S(1)	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything.
					For @Value: Send "Y" if this competitor complete the run, "N" in other case.

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

Type /Code	Extension Code	Description	Expected
ER_RESULTS /CS_DIFF		In heats – Run 2, the difference is based on Total time of the overall leader (not specific to Run 2) i.e., splits compared against Run 1 & Run 2	T1
ER_RESULTS /CS_BEST		Event unit code where the competitor obtained the best score at the corresponding phase (for example, 01 in case of best score obtained at 1 st Run). Just for heats.	T1
ER_RESULTS /CS_LASTFINISH		It is a flag for know who was completes the run.	T1

6.1.2.6 Message sort

Please, follow the general definition.



DOCUMENT CONTROL

Version history

Version	Date	Comments
R2 v1.0	2 October 2009	Submitted for review version
R2 v2.0	30 October 2009	Submitted for approval version and some minor issues
R2 v3.0	27 November 2009	Approved and some minor issues
R2 v3.1	12 March 2010	Some minor issues
R2 v4.0	20 August 2010	CR552
R2 v4.1	3 September 2010	Some minor issues
R2 v4.2	05 November 2010	Some minor issues
R2 v5.0	11 February 2011	IR019 and IR020 after Cycle 1 Pre-Integration Test
R2 v6.0	18 March 2011	IR022&defect36115
R2 v6.1	6 May 2011	defect 39752
R2 v7.0	8 July 2011	Defect 40236/39741/39749& IR047
R2 v7.1	3 October 2011	Defect 42690, 39758, 46479, 50378
R2 v8.0	9 January 2012	Defect 46479, 55813, 55816, 42690; CR4913, IR101
R2 v9.0	16 January 2012	CR6388; Defect 60689
R2 v10.0	12 March 2012	CR6290; Defect 63935; A minor amendment
R2 v11.0	25 May 2012	CR10085; Defect 73080/73138

File reference: ODF/INT030 R2 v11.0 APP (CS)



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">• Submitted for approval version• Changed all UCI references to ICF• Changed the DV_EVENT_CODE ExtendedConfig element code to CS_EVENT_CODE
R2 v3.0	APP	<ul style="list-style-type: none">• Approved version• Changed the message type of the Discipline configuration message at the Point in Time Applicable Messages section• Changed the name of the DT_PARTIC_TEAMS message at the 5.1.2 section• Added the CS_IRM EventUnitEntry element code for doubles and singles at the DT_START_LIST message• Deleted the CS_GATE Extendedconfig element code and Extensions at the DT_CONFIG message.• Added the CS_GATES_NUM ExtendedConfig element code at the DT_CONFIG message• Added the CS_LAST Extension element code at the CS_GATE ExtendedResult element for doubles and singles in the DT_RT_RESULT message.• Added a new trigger at the DT_RT_CUMULATIVE_RESULT message• Added some comments at the Header Values section of the DT_RT_CUMULATIVE_RESULT message• Added the CS_LAST_QUAL ExtendedInfo element code at the DT_RT_CUMULATIVE_RESULT message• Added the CS_INTERMEDIATE ExtendedResult element code and the CS_SCORE, CS_DIFF and CS_PTY Extension elements code at the DT_RT_CUMULATIVE_RESULT message.
R2 v3.1	APP	<ul style="list-style-type: none">• Added the entity codes CC @QualificationType and CC @Position at the Codes section.• Added the E_POSITION, E_RANK and E_Q_TYPE EvenEntry codes at the DT_PARTIC and DT_PARTIC_UPDATE messages.
R2 v4.0	APP	<ul style="list-style-type: none">• WNPA meeting changes:<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.• Result and Cumulative: Merged with RT Result and RT Cumulative• CR552<ul style="list-style-type: none">▪ Changes in the Sport Name Now it is Canoe Slalom▪ Semifinal has been changed by Semi-final▪ The term "crew" has been changed to "boat"▪ The term "Current ICF World Rank" has been changed to "ICF Ranking" throughout the document▪ For Doubles: a bib number has been changed to: "xx-A" - for the front paddler and "xx-B" for the back paddler▪ Participants: removed E_Q_TYPE▪ Have been adjusted to the new competition format▪ Removed new trigger at the DT_RT_CUMULATIVE_RESULT message▪ Removed the CS_INTERMEDIATE ExtendedResult element code and the CS_SCORE and CS_PTY Extension elements code at the DT_RT_CUMULATIVE_RESULT message
R2 v4.1	APP	<ul style="list-style-type: none">• Minor corrections from previous version.
R2 v4.2	APP	<ul style="list-style-type: none">• Changed the Code Entity Set of Values Descriptions for the CC @Position Code Entity• Added the DT_CUMULATIVE_RESULT message at the Point in Time applicable



Change Log

Version	Status	Changes on version
		messages section
		<ul style="list-style-type: none">• Removed the E_RANK EventEntry code at the DT_PARTIC and DT_PARTIC_UPDATE messages• Changed a wrong word by the correct one at the Trigger and Frequency section at the DT_RESULT message



Change Log

Version	Status	Changes on version
R2 v5.0	APP	<ul style="list-style-type: none">Renamed the E_ICFRANK EventEntry code to E_RANK at the DT_PARTIC, DT_PARTIC_UPDATE, DT_PARTIC_TEAMS and DT_PARTIC_TEAMS_UPDATE messages according to the IR019Moved the CS_INTERMEDIATE, CS_GATES_NUM ExtendedConfig codes from the DT_CONFIG message to the DT_START_LIST message as UnitInfo codesRemoved the CS_LAST_GATE ExtendedConfig code at the DT_CONFIG messageAdded the Result/@RankEqual attribute at the DT_RANKING messageChanged the Header Values section at the DT_CUMULATIVE_RESULT and the DT_RT_CUMULATIVE_RESULT messagesChanged the Comments for the CumulativeResult/@Result attribute at the DT_CUMULATIVE_RESULT and DT_RT_CUMULATIVE_RESULT messagesAdded the CS_BEST ExtendedResult code at the DT_CUMULATIVE_RESULT and DT_RT_CUMULATIVE_RESULT messages
R2 v6.0	APP	<ul style="list-style-type: none">Changes after the WNPA meeting (IR022):<ul style="list-style-type: none">Change the triggers and frequency as the revision of WNPA meetingCodes: add a reference for the format detailsCumulative: Update the description sectionDefect 36115:<ul style="list-style-type: none">Participant: Update the description for E_POSITION
R2 v6.1	APP	<ul style="list-style-type: none">Participant: update the description of the E_RANKDefect 39752:<ul style="list-style-type: none">Cumulative: remove CS_LAST_QUAL, this extension does not apply to PiT message
R2 v7.0	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.IR047: Log changes in ODF documentatin should be moved at the endDefect 39741: Result: remove 'After each Run' from the Data dictionary. 'After each run' means after a single athlete has reached the end and is totally incorrect. Please write 'follow the general definition'Defect 39749: Move the PhaseInfo from Phase message to UnitInfo of Result message
R2 v7.1	APP	<ul style="list-style-type: none">Defect 42690: RT Results: Add the QualificationMark in case of semifinalsDefect 39758: Cumulative: Remove the element R_QUALIFICATION/CS_PHASE and therefore also remove the trigger "At the end of the run."Defect 46479: RT Results: Add ER_RESULTS /CS_DIFF element for Semifinals and finalsDefect 50378: Cumulative Remove reference to semi-final.
R2 v8.0	APP	<ul style="list-style-type: none">Defect 46479: Pit Results: Add ER_RESULTS /CS_DIFF element for Semifinals and finalsDefect 55813:<ul style="list-style-type: none">Pit Results and RT Results: Update the description for QualificationMark with "Don't send for Heats – Run 1 and the final."Pit Results: the Summary table Description for CS_GATE/CS_TOUCHED

**Change Log**

Version	Status	Changes on version
		<p>CS_GATE/CS_MISSED needs to be amended to "Total number of touched/missed at that gate for the Event Unit"; include Competition/UnitInfos/UnitInfo</p> <ul style="list-style-type: none"> Defect 55816 : <ul style="list-style-type: none"> Phase: Remove "PhaseInfos/PhaseInfo" this previously was required for touched & missed data now sent in DT_RESULT; update the triggers and frequency with DT_PHASE_RESULT is only sent "after the SF and Final" rather than "after each phase" Defect 42690: RT Result/RT Cumulative: Update the "LIVE_UPDATE RT trigger expected" for QualificationMark CR4913: <ul style="list-style-type: none"> Defect 53968: RT Results: Update the triggers to be consistent with the new rule, so update the Expected for ER_RESULTS /CS_CURRENT, ER_RESULTS /CS_NEXT, ER_RESULTS /CS_PREVIOUS; Defect 53963: RT Results: Update the description for CS_CURRENT to be consistent with the new triggers. RT Results/ RT Cumulative: Add a new element to know when the boat finished (ER_RESULTS /CS_LASTFINISH) RT Cumulative: update with the new description for last qualified IR101: Add DT_SERIAL message in the PiT messages
R2 v9.0	APP	<ul style="list-style-type: none"> CR6388 (Defect 55814): <ul style="list-style-type: none"> Cumulative: update the triggers and frequency "Cumulative message is only sent during Heats after Run 1 and after Run 2" Cumulative: An Info element for the number of touched and missed gates should include (CS_GATE /CS_TOUCHED And CS_GATE /CS_MISSED) like in the Results message, this will be sent at Phase level for Heats as well as at Event Unit. Defect 60689: <ul style="list-style-type: none"> RT Result: update the description for ER_RESULTS/CS_INTERMEDIATE/CS_DIFF, ER_RESULTS/CS_DIFF
R2 v10.0	APP	<ul style="list-style-type: none"> CR6290: <ul style="list-style-type: none"> DT_START_LIST: Add the attribute "Boat type" UI_TIME/CS_STIME /CS_BOATTYPE A minor amendment is required to the new text for Code=CS_INTERMEDIATE ExtensionCode=CS_DIFF to add the missing "be": A correction to the previous request where Code=CS_DIFF, please remove "In Heats Run 2, the split time difference should be calculated against the overall leader of the heat (and not the leader of Run 2). Send 0.00 for the leader " as this CS_DIFF will only be used for semi-final and Finals anyway RT Results: add "The principle is the only insert Q when it cannot change. (x = number to progress to the final)" for the description of QualificationMark Defect 63935: RT Result: Update the description for ER_RESULTS /CS_CURRENT
R2 v11.0	APP	<ul style="list-style-type: none"> CR10085: New trigger for send the overall rank in RT_CUMULATIVE message Defect 73080/73138: Update the trigger when 2 competitors are on course at the same time in RT_RESULT message



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