

# Olympic Data Feed



ODF Freestyle and Snowboard Data Dictionary

Lillehammer 2016 – Winter Youth Olympic Games

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# 1 Introduction

# 1.1 This document

This document includes the ODF Freestyle and Snowboard Data Dictionary. This Data Dictionary refines the messages described in the ODF General Messages Interface Document specifically for Freestyle and Snowboard.

# 1.2 Objective

The objective of this document is to provide a complete and formal definition of the ODF Freestyle and Snowboard Data Dictionary, with the intention that the information message producer and the message consumer can successfully interchange the information as the Freestyle and Snowboard competitions are 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

- **FRS –** Freestyle Skiing
- IF International Federation
- IOC International Olympic Committee
- NOC National Olympic Committee
- **ODF –** Olympic Data Feed
- RSC Results System Codes
- **SBD –** Snowboard
- WNPA World News Press Agencies

# 1.5 Related Documents

<b>Document Reference</b>	Document Title	Document Description
ODF/INT400	ODF General Principles Document	The document explains the environment and general principles for ODF.
ODF/INT401	ODF General Messages Interface Document	This document describes the ODF Genera messages
ODF/COD404	ODF Common Codes Document	This document describes the ODF codes used across the rest of the ODF documents
ODF/COD405	ODF Sport Codes	This document describes the ODF specific codes used in this sport
ODF/COD406	ODF Header Values	This document details the header values which shows which RSCs are used in which messages.



# THESE CODES WILL BE MOVED TO THE CODE DATABASE AT A LATER TIME.

# Sport Codes

Discipline	Code_Entity	Code	Order	Description
FRS	@BibColour	BLUE		Blue
FRS	@BibColour	GREEN		Green
FRS	@BibColour	RED		Red
FRS	@BibColour	YELLOW		Yellow
FRS	@Bracket	CFNL		Final (Small Final in SX)
FRS	@Bracket	FNL		Final
FRS	@BracketItems	8FNL		Eight Finals (Round of 16)
FRS	@BracketItems	FNL		Final
FRS	@BracketItems	QFNL		Quarterfinal
FRS	@BracketItems	SFNL		Semifinal
FRS	@IRM	DNF		Did not Finish
FRS	@IRM	DNS		Did not Start
FRS	@IRM	DQB		Disqualified (Behaviour)
FRS	@IRM	DQIC		Disqualified for Intentional Contact
FRS	@IRM	DQP		Potentially disqualified
FRS	@IRM	DSQ		Disqualified
FRS	@IRM	REL		Relegated
<b>FRS</b>	@JudgeType	TURN		Turns
FRS	@JudgeType	AIR		Air
<b>FRS</b>	@QualificationMark	Q		Qualified
<b>FRS</b>	@QualificationMark	FA		Qualified for Big Final
<b>FRS</b>	@QualificationMark	FB		Qualified for Small Final
FRS	@ResultType	IRM		Invalid Result Mark
FRS	@ResultType	POINTS		Points
FRS	@ResultType	RANK		Rank-only result used in all SBX Finals phases
FRS	@ResultType	TIME		Time
SBD	@BibColour	BLACK		Black
SBD	@BibColour	BLUE		Blue
SBD	@BibColour	GREEN		Green
SBD	@BibColour	RED		Red
SBD	@BibColour	WHITE		White
SBD	@BibColour	YELLOW		Yellow
SBD	@Bracket	BRN		Bronze (Small final in Parallel)
SBD	@Bracket	CFNL		Final (Small Final in SBX)
SBD	@Bracket	FNL		Final
SBD	@BracketItems	8FNL		Eight Finals (Round of 16)
SBD	@BracketItems	FNL		Final
SBD	@BracketItems	QFNL		Quarterfinal
SBD	@BracketItems	SFNL		Semifinal
SBD	@Foot	G		Goofy
SBD	@Foot	R		Regular
SBD	@IRM	DNF		Did not Finish
SBD	@IRM	DNS		Did not Start
SBD	@IRM	DQB		Disqualified (Behaviour)
SBD	@IRM	DSQ		Disqualified
SBD	@IRM	JNS		Jump not Scored ???? (used in cumulative only)
SBD	@IRM	REL		Relegated
SBD	@JudgeType	P1		Panel 1
SBD	@JudgeType	P2		Panel 2
SBD	@JudgeType	OVER		Overall



Discipline	Code_Entity	Code	Order	Description
SBD	@QualificationMark	Q		Qualified
SBD	@QualificationMark	FA		Qualified for Final
SBD	@QualificationMark	FB		Qualified for Semifinal
SBD	@ResultType	CODE		Code (used in event final ranking)
SBD	@ResultType	IRM		Invalid Result Mark
SBD	@ResultType	POINTS		Points
SBD	@ResultType	RANK		Rank-only result used in all SBX Finals phases
SBD	@ResultType	TIME		Time

# **Results Functions (proposed, to be confirmed)**

Discipline	Function Code	Order	Description	Category
FRS	CHF_HP		Chief of Halfpipe	J
FRS	CHF_SLP		Chief of Slopestyle	J
FRS	COMP_CHF		Chief of Competition	J
FRS	CRS_CHF		Chief of Course	J
FRS	CRS_DSG		Course Designer	J
FRS	CRS_HP		Halfpipe Technical Advisor	J
FRS	CRS_SET		Course Setter	J
FRS	FSH_RE		Finish Referee	J
FRS	HED_JU		Head Judge	J
FRS	HED_JU_AST		Assistant Head Judge	J
FRS	JU		Judge	J
FRS	JUR_ME		Jury Advisor	J
FRS	RCE_DIR		FIS Race Director	J
FRS	RCE_DIR_AST		FIS Assistant Race Director	J
FRS	RE		Referee	J
FRS	STR_RE		Start Referee	J
FRS	TCH_DEL		FIS Technical Delegate	J
FRS	TCH_DEL_AST		Assistant TD	J
FRS	VER_JU		Judging Score Verifier	J
FRS	VER_SCR		Score Verifier	J
FRS	VID		Video Controller	S
SBD	CHF_CRS		Chief of Course	J
SBD	CHF_HP		Chief of Halfpipe	J
SBD	CHF_PGS		Chief of Parallel Giant Slalom	J
SBD	CHF_SLP		Chief of Slopestyle	J
SBD	COMP_CHF		Chief of Competition	J
SBD	CRS_BLD		Course Builder	S
SBD	CRS_DSG		Course Designer	J
SBD	CRS_HP		Halfpipe Technical Advisor	J
SBD	CRS_SET		Course Setter	J
SBD	FSH_RE		Finish Referee	J
SBD	HED_JU		Head Judge	J
SBD	HED_JU_AST		Assistant Head Judge	J
SBD	JU		Judge	J
SBD	RCE_DIR		FIS Race Director	J
SBD	RCE_DIR_AST		FIS Assistant Race Director	J
SBD	STR_RE		Start Referee	J
SBD	TCH_DEL		FIS Technical Delegate	L
SBD	VID		Video Controller	S



# 2 Messages

# 2.1 Message Summary - Freestyle

The general plan for messages in this discipline is:

# Ski Cross (SX)

- Qualification (one run)
  - DT\_RESULT
  - DT\_CURRENT
- Finals
  - DT\_RESULT for each heat
  - DT\_BRACKETS

# Ski Slopestyle (SS)

- All Phases
  - DT\_RESULT for each run
  - DT\_CURRENT during each unit
  - DT\_CUMULATIVE\_RESULT for overall (for consistency, regardless of how many runs)

# Half Pipe (HP)

- All Phases
  - DT\_RESULT for each run
  - DT\_CURRENT during each unit
  - DT\_CUMULATIVE\_RESULT for overall (for consistency, regardless of how many runs)

# Aerials (AE)

- All Phases
  - DT\_RESULT for each run
  - DT\_CURRENT during each unit

# Moguls (MO)

- All Phases
  - DT\_RESULT for each run
  - DT\_CURRENT during each unit



# 2.2 Message Summary - Snowboard

The general plan for messages in this discipline is:

# Snowboard Cross (SBX)

- Qualification
  - DT\_RESULT for each run
  - DT\_CURRENT during each unit
  - DT\_CUMULATIVE\_RESULT for overall (for consistency, regardless of how many runs)
- Finals
  - DT\_RESULT for each heat
  - DT\_BRACKETS

# Snowboard Slopestyle (SBS) and Big Air (BA)

- Qualification (can be 1 or 2 heats, 1 or 2 runs)
  - DT\_RESULT for each run
  - DT\_CURRENT during each unit
  - DT\_CUMULATIVE\_RESULT for overall (for consistency, regardless of how many heats/runs)
- SF & Finals
  - DT\_RESULT for each run
  - DT\_CURRENT during each unit
  - DT\_CUMULATIVE\_RESULT for overall (for consistency, regardless of how many runs)

# Half Pipe (HP)

- Qualification (can be 1 or 2 heats, 1 or 2 runs)
  - DT\_RESULT for each heat/run
  - DT\_CURRENT during each unit
  - DT\_CUMULATIVE\_RESULT for overall (for consistency, regardless of how many heats/runs)
- SF & Finals
  - DT\_RESULT for each run
  - DT\_CURRENT during each unit
  - DT\_CUMULATIVE\_RESULT for overall (for consistency, regardless of how many runs)

# Parallel Events

- Qualification:
  - DT\_RESULT for each run
  - DT\_CURRENT for each pair
  - DT\_CUMULATIVE\_RESULT for the overall Qualification Result
- Finals
  - DT\_RESULT for each run for each pair
  - DT\_CUMULATIVE\_RESULT for the result of each pair
  - DT\_BRACKETS



# Team Snowboard-Ski Cross (SXT)

- Finals
  - DT\_RESULT for each heat
  - DT\_BRACKETS



# 2.3 Applicable Messages

The following table is a full list of all ODF messages and describes the list of messages used in Freestyle and Snowboard.

- The column "Message type" indicates the DocumentType that identifies a message
- The column "Message name" is the message name identified by the message type
- The column "Message used in this sport" indicates whether a message is used in particular for this sport or not. If it is not ticked (X), then the message should not be used for this sport.
- The column "Message extended in this document" indicates whether a particular message has extended definition in regards to those that are general for all sports. Any message ticked (X) in this column should also be ticked in the "Message used in this sport column". If one message has extended definition, it should be considered both, the extensions as well as the general rules for one message that is used in the case of the sport. However, if one particular message is not extended, then it should follow the general definition rules.

Message Type	Message name	Message used in this sport	Message extended in this document
DT_SCHEDULE	Competition schedule	Х	
DT_SCHEDULE_UPDATE	Competition schedule update	Х	
DT_PARTIC	List of participants by discipline	Х	Х
DT_PARTIC_UPDATE	List of participants by discipline update	Х	Х
DT_PARTIC_TEAM_UPDATE	List of teams by discipline update	Х	Х
DT_MEDALS	Medal standings	Global	
DT_MEDALLISTS_DAY	Medallists of the day	Global	
DT_GLOBAL_GM	Global good morning	Global	
DT_GLOBAL_GN	Global good night	Global	
DT_RESULT	Event Unit Start List and Results	Х	Х
DT_IMAGE	Image (for Photofinish)	Х	Х
DT_CUMULATIVE_RESULT	Cumulative Results	Х	Х
DT_RANKING	Event Final ranking	Х	Х
DT_MEDALLISTS	Medallists of one event	Х	
DT_MEDALLISTS_DISCIPLINE	Medallists by discipline	Х	
DT_COMMUNICATION	Official Communication	Х	
DT_BRACKETS	Brackets	Х	Х
DT_LOCAL_ON	Discipline/venue start transmission	Х	
DT_LOCAL_OFF	Discipline/venue stop transmission	Х	
DT_CONFIG	Configuration	Х	Х
DT_WEATHER	Event Unit Weather conditions	Х	Х
DT_KA	Keep Alive	Х	



# 2.3.1 List of Participants by Discipline / Update

# 2.3.1.1 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 General Messages Interface Document.

# 2.3.1.2 Header Values

As defined in the header values document.

# 2.3.1.3 Trigger and Frequency

Follow the general definition.

# 2.3.1.4 Message Structure

Optional elements defined for this message in this sport.

- Participant /Discipline /RegisteredEvent
- Participant /Discipline /RegisteredEvent /EventEntry

# 2.3.1.5 Message Values

The following table lists the "List of participants by discipline/ update" optional attributes (defined in the ODF General Messages Interface Document) that are used, as well as the attributes that have an extended definition.

Element	Attribute	M/O	Value	Comments
Participant	IFId	0	S(16)	Competitor's federation number for the
/Discipline				corresponding discipline (include if the discipline
				assigns international federation codes to athletes).
Participant	Event	Μ	CC @Event	
/Discipline	Bib	0	Numeric	
/RegisteredEvent			###0	

The following table describes in more detail the Participant /Discipline /RegisteredEvent/ EventEntry element.

Element: Pa	ement: Participant /Discipline /RegisteredEvent /EventEntry									
Туре	Code	Pos	Value	Description	Expected					
ENTRY	RANK_WLD		Numeric	For @Type:	When available.					
			###0	Send proposed type						
				For @Code:						
				Send proposed code						
				For @Pos						
				Do not send anything						
				For @Value:						
				FIS Rank of the athlete						
	RANK_PTS		S(6)	For @Type:	When available.					
				Send proposed type						
				For @Code:						
				Send proposed code						
				For @Pos						
				Do not send anything						
				For @Value:						
				FIS points (for this event).						
	0711105			Usually in format ##0.00.						
	STANCE	SC @	SC @Foot	For @ Type:	When available in					
				Send proposed type	Snowboard					
				For @Code:						
				Send proposed code						
				For @Pos						
				Do not send anything						
				For @Value:						
				Send code for stance						

# 2.3.1.6 Message sort

Please, follow the general definition.



# 2.3.2 List of Teams / Update

# 2.3.2.1 Description

This message is the List of Teams (and the update) as described in the ODF General Messages Interface Document.

# 2.3.2.2 Header Values

As defined in the header values document.

#### 2.3.2.3 Trigger and Frequency

Follow the general definition.

#### 2.3.2.4 Message Structure

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

- Team /Composition /Athlete
- Team /Discipline /RegisteredEvent /EventEntry

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

#### 2.3.2.5 Message Values

The following table lists the "List of Teams / Update" optional attributes (defined in the ODF General Messages Interface Document) that are used, as well as the attributes that have an extended definition.

Element	Attribute	M/O	Value	Comments
Team /Composition /Athlete	Code	М	S(20) with no leading zeroes	Athlete ID
	Order	0	Numeric 0	Team member order
Competition /Team /TeamOfficials /Official	Code	Μ	S(20) with no leading zeroes	Athlete ID
	Function	М	CC @ResultFunction	Official's function for the team
Team /Discipline	IFId	0	S(16)	Competitor's federation number for the corresponding discipline
Team /Discipline	Event	M	CC @Event	
/RegisteredEvent	Bib	0	Numeric ##0	Team bib number to be sent in all the team event units

# 2.3.2.6 Message sort

Please, follow the general definition.



# 2.3.3 Event Unit Start List and Results

# 2.3.3.1 Description

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

Note that the message always includes all athletes in the unit.

### 2.3.3.2 Header Values

The DocumentCode attribute in the ODF header will be sent according to the ODF Common Codes document (header values) with one message per unit.

# 2.3.3.3 Trigger and Frequency

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

- As soon as the start list is available and any changes [inc. IRMs] (START\_LIST)
- Where athletes participate one by one:
  - Send after each athlete (with all intermediate data and judge data) completes the course (and has all data) (LIVE) [no update during an athlete's run]
- Where athletes participate together (multiple athletes = one unit):
   Send with all updates during the unit (LIVE)
- After the unit is finished (UNCONFIRMED / UNOFFICIAL / OFFICIAL) as applicable.
- After any change (status as appropriate)

# 2.3.3.4 Message Structure

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

- ExtendedInfos /UnitDateTime (StartDate)
- ExtendedInfos /ExtendedInfo
- ExtendedInfos /ExtendedInfo /Competitor
- ExtendedInfos /SportDescription
- ExtendedInfos /VenueDescription
- Officials /Official
- Result /ExtendedResults /ExtendedResult
- Result /Competitor /Composition /Athlete /EventUnitEntry



# 2.3.3.5 Message Values

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

Element	Attribute	M/O	Value	Comments
ExtendedInfos	Organisation	0	CC @Organisation	Add in the extension FORERUNNER if the
/ExtendedInfo	-		-	extension is applicable. Organisation ID of the
/Competitor				forerunner
ExtendedInfos	FamilyName	М	S(25)	Family name of the forerunner
/ExtendedInfo	GivenName	0	S(25)	Given name of the forerunner
/Competitor				
ExtendedInfos	DisciplineName	Μ	S(40)	Text description from common codes
/SportDescription	EventName	Μ	S(40)	Text short description, not code
	SubEventName	Μ	S(40)	Text short description of the Event Unit, not
				code
	Gender	M	CC @DisciplineGender	
ExtendedInfos	Venue	Μ	CC @VenueCode	Venue Code
/VenueDescription	VenueName	Μ	S(25)	Text short description, not code
	Location	Μ	CC @Location	Location Code
	LocationName	Μ	S(30)	Text short description, not code
Officials /Official	Code	Μ	S(20) with no leading	Officials code
			zeroes	
	Function	Μ	CC @ResultsFunction	Officials Function
	Order	0	Numeric	Order of officials.
Result	Rank	0	String	Rank of the competitor in the event unit.
-				Note that in the case of the Parallel
				Qualification Run, ranks are assigned
				independently for red course / blue course,
				and for this reason, two competitors could
				have the same rank despite of having different
				times, according to their participation in either
				the red course or the blue course.
	RankEqual	0	S(1)	Send 'Y' if the rank is equalled else do not
		-		send. (They are not considered equal for the
				special case above).
	ResultType	0	SC @ResultType	Result type.
	100001171-	-		Result type, either TIME or POINTS or IRM for
				the corresponding event unit.
	IRM	0	SC @IRM	IRM for the event unit
		-		Send only in the case @ResultType is IRM
	Result	0	m:ss.ff	Result for the particular event unit (not
		-	or	cumulative).
			##0.00	Send in the case @ResultType is TIME or
				POINTS
	Diff	0	m:ss.ff	Time behind leader in the unit (only for those
		-		with a result). 0.00 for the leader. Do not send
				leading zeros. Only send in the case
				@ResultType is TIME
				- in qualification: time difference compared to
				the best rider on the same course.
				- in finals: time difference compared to the
				competitor from the same pair, but on the
				other course.
	QualificationMark	0	SC	Qualifying Mark. Only send if applicable and
		-	@QualificationMark	this is the only unit in the phase.
	SortOrder	М	Numeric	This attribute is a sequential number with the
	00			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. Prior
				to the unit the order is the same as
				StartSortOrder. (even if some have IRM)
				Updated during the race with the current order,
				which is those with rank followed by those with
				IRM followed by those who have not started.
	StartOrder	0	Numeric	The start order of the unit.
		-	##0	
	StartSortOrder	М	Numeric	
			##0	
Result /Competitor	Code	М	S(20) with no leading	Athlete ID
/Composition			zeroes	
/Athlete	Order	М	Numeric	



Element	Attribute	M/O	Value	Comments
	Bib	0	Numeric ###0	Bib number.

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

Element:	ExtendedInfos /Exte	endedInfo				
Туре	Code	Extension code	Pos	Value	Description	Expected
	GATES_NUM			Numeric #0	For @Type: Send proposed type For @Code: Send proposed code For @ Pos: Do not send anything For @Value: Send the number of gates.	Parallel
	PENALTY_TIME			m:ss.ff	For @Type: Send proposed type For @Code: Send proposed code For @ Pos: Do not send anything For @Value: Penalty time applied according to sport rules. Do not send leading zeros.	For finals in Parallel
	FORERUNNER		Numeric #0	S(3)	For @Type: Send proposed type For @Code: Send proposed code For @ Pos: Send the sequential number, 1, to sort the forerunners For @Value: Forerunners code F1, F2.	Always if forerunner.
	STARTERS			Numeric ##0	For @Type: Send proposed type For @Code: Send proposed code For @ Pos: Do not send anything For @Value: Sent the number of competitors on the start list	Always after status START_LIST in units where athletes compete one by one
		COMPLETE		Numeric ##0	For @Code: Send proposed code For @ Pos: Do not send anything For @Value: Send the number of competitors whose event unit is completed (includes IRMs)	Always after status START_LIST in units where athletes compete one by one
	LAST_QUAL			S(20) with no leading zeroes	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything For @Value: Send the current last qualifying place competitor ID. In the situation where insufficient competitors have participated to show the last qualifying position then show the current last place	When available in any phase where athletes progress and there is no DT_CUMULA TIVE message
DISPLAY	LAST_COMP		S(1)	S(20) without leading zeroes	For @Type: Send proposed type For @Code: Send proposed code	When available and only when the unit is LIVE



Element: ExtendedInfos /ExtendedInfo	
	For @Pos: Send R and B in the case of Parallel. (concurrent competitors) for Red and Blue.
	For @Value: Send the competitor ID of the last competitor to compete and receive a result.

#### Sample

```
<ExtendedInfos>
 <UnitDateTime StartDate="2014-02-10T11:00:00+04:00"
                                                            />
 <ExtendedInfo Type="UI" Code="GATES_NUM" Value="19" />
<ExtendedInfo Type="UI" Code="FORERUNNER" Pos="1" Value="F1">
  <Competitor Organisation="RUS">
    <Composition>
      <Athlete FamilyName="ZAYTSEV" GivenName="Steve" />
    </Composition>
  </Competitor>
 </ExtendedInfo>
 <ExtendedInfo Type="UI" Code="FORERUNNER" Pos="2" Value="F2">
  <Competitor Organisation="RUS">
    <Composition>
     <Athlete FamilyName="NIKITIN" GivenName="Pedro" />
    </Composition>
  </Competitor>
 </ExtendedInfo>
```

The following table describes in more detail the Official /ExtOfficial element.

Element:	<b>Officials /Officia</b>	/ExtOfficial			
Туре	Code	Pos	Value	Description	Expected
EO	POSITION	Numeric	S(2)	For @Type:	Always for
		0		Send proposed type	Judges (not
				For @Code:	Head) else do not
				Send proposed code	send.
				For @Pos:	
				Judge Posiiton, 1, 2	
				For @Value:	
				Send the position for the judge (J1,	
				J2)	
	TYPE		SC	For @Type:	Moguls and
			@JudgeType	Send proposed type	Slopestyle
				For @Code:	
				Send proposed code	
				For @Pos:	
				Do not send anything	
				For @Value:	
				Send the judge type	



#### Sample

```
<Officials>
 <Official Code="2004409" Function="TCH DEL" Order="1">
  <Description GivenName="Jack" FamilyName="Blocker" Gender="M" Organisation="GER" />
 </Official>
<Official Code="2004405" Function="JU" Order="7">
  <Description GivenName="Tom" FamilyName="Jones" Gender="M" Organisation="USA" />
  <ExtOfficial Type="EO" Code="POSITION" Pos="1" Value="J1" />
 </Official>
 <Official Code="4110000" Function="JU" Order="8">
  <Description GivenName="Barry" FamilyName="Norman" Gender="M" Organisation="BEL" />
  <ExtOfficial Type="EO" Code="POSITION" Pos="2" Value="J2" />
 </Official>
 <Official Code="2004414" Function="JU" Order="11">
  <Description GivenName="Mary" FamilyName="Smith" Gender="W" Organisation="IRE" />
  <ExtOfficial Type="EO" Code="JUDGE" Pos="5" Value="J6" />
 </Official>
</Officials>
.....
```

The following table describes in more detail the Result /ExtendedResults /ExtendedResult element.

Element: Res	sult /ExtendedRes	ults /Extended	Result			
Туре	Code	Extension Code	Pos	Value	Description	Expected
ER	POT_DSQ			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 a potential disqualification in this unit else do not send.	If applicable
	DSQ_DESC			Text	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything For @Value: Text description of the reason for disqualification.	If applicable
	RE_RUN			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 granted a Re-Run else do not send. Do not send after Re-Run complete	If applicable
	РНОТО			S(1)	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything	If applicable



Element: Result /ExtendedRe	sults /ExtendedRes	ult		
		\$/4)	For @Value: To know if the competitor's final result was decided by photo. Send Y for Photo evaluated Send P for Pending Status Otherwise do not send	"f contienblo
		5(1)	For @ roposed type For @Code: Send proposed code For @Pos: Do not send anything For @Value: "Y" to indicate the competitor is advanced to the next phase as a result of a tie-break or judge decision else do not send	Παμριισαυτο
TIEBREAK_PTS		Numeric ##0.00#	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything For @Value: Should be the tie-break points of the run which breaks the tie, or the total score of worst run depending on the criteria which breaks the tie.	If applicable in AE, MO, BA, HP and SBS all phases for athletes in a tie
TIEBREAK_DD		Numeric #0.000	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything For @Value: Sum of Degree of Difficulty (DD) from all jumps in the phase.	If applicable in AE
TIEBREAK_FOR		m:ss.ff or Numeric #0 or Numeric ###0.00	For @ Type: Send proposed type For @ Code: Send proposed code For @ Pos: Do not send anything For @ Value: Tied time (Parallel) or tied rank (HP, Slopestyle, Cross) to break or tied score (MO, AE)	If applicable for athlete in a tie
TIME		ss.ff	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything For @Value: Time for the run in moguls	MO only
TIME_PTS		Numeric #0.00	For @ Type: Send proposed type For @ Code: Send proposed code For @ Pos: Do not send anything For @ Value: Time points for the run in moguls	MO only
PERCENT		Numeric ##0.00	For @Type: Send proposed type	MO only



Element: Re	sult /ExtendedRes	sults /Extended	dResult			
					For @Code:	
					Send proposed code	
					For @Pos:	
					Do not send anything	
					For @Value:	
					Percentage score in	
					moguls	21 1.1.
	JUMP		Numeric	S(15)	For @Type:	Slopestyle,
			0		Sena proposea type	aeriais,
					For @Code:	moguis.
					Sena proposed code	Seriu as
					FUI @FUS Send the jump/trick	available. (In
					number in the run, 1.	aerials that
					Not required in aerials.	is before the
					For @Value:	start)
					Code of the jump or trick	
					(in slopestyle)	
		DESC		S(50)	For @Code:	Aerials
					Send proposed code	
					For @Pos	
					Do not send anything	
					For @Value:	
					Text description of the	
				AL	jump	1. 1.1. and
		סט		Numeric	For @Code:	Aeriais and
				0.000	Send proposed code	moguis
					For eros	-
					Degree of difficulty of the	
					iump	
		KICKER		Numeric	For @Code:	Aerials only
				0	Send proposed code	, longie,
					For @Pos	
					Do not send anything	
					For @Value:	
					Send the athlete kicker	
	<u> </u>			<u> </u>	position	
JUDGE	[Judge Positon		S(1)	Numeric	For @Type:	When data
	(J1, J2,)]			##0	Send proposed type	is available
				or	For @Code:	
				OI	Sena Juage Position	BA, MO,
				0.0	(J1J2) Ear @ Das:	Siopestyle
				0.0	ludge order 1 2	
					For @Value:	
					Judge score (total by the	
					iudge in case of aerials).	
		DISCARDED		S(1)	For @Code:	If applicable
					Send proposed code	in
					For @Pos:	Slopestyle,
					Do not send anything	BA, HP, MO
					For @Value:	and AE
					Send "Y" if this score is	
				ļ <u></u>	discarded else do not send	
		AIR	Numeric	Numeric	For @Code:	AE and MO
			0	0.0	Send proposed code	only
					For @Pos:	
					Do not cond anything in AE	
					For @Value	
					Judge score for air.	
				Numeric	For @Code:	Aerials only
				0.0	Send proposed code	A long to the second
					For @Pos:	
					Do not send anything	
					For @Value:	
					Judge score for landing	
	SECT		S(1)	Numeric	For @Type:	Slopestyle
				#0.0	Send proposed type	
I						
					For @Code:	



Element: Res	sult /ExtendedRes	ults /Extended	Result			
					For @Pos:	
					The section of the course	
					Scored.	
					Score for the section	
				SC	For @ValueType:	
				@ResultType	Send SC @ResultType	
					(POINTS)	
				S(2)	For @Rank:	
					Send the rank in the	
				0(4)	section	
				5(1)	For @RankEqual:	
					equalled otherwise do not	
					send.	
	SECT_PROG		S(1)	Numeric	For @Type:	Slopestyle
				#0.0	Send proposed type	
					For @Code:	
					Send proposed code	
					For @Pos:	
					The section of the course	
					For @Value	
					Cumulative score to the	
					end of the section.	
				SC	For @ValueType:	
				@ResultType	Send SC @ResultType	
					(POINTS)	
				S(2)	For @Rank:	
					Send the rank to the end of	
				S(1)	For @RankEqual:	
				5(1)	Send "Y" if rank is	
					equalled, otherwise do not	
					send.	
	OVERALL			Numeric	For @Type:	Slopestyle &
				#0.0	Send proposed type	AE
					For @Code:	
					For @Pos	
					Do not send anything	
					For @Value:	
					Score from the overall	
					judges in slopestyle or the	
					total judges score in AE	
	TUDNO			Numorio	For @Type:	MO only
	IURINS				Send proposed type	NO Only
				#0.0	For @Code	
					Send proposed code	
					For @Pos:	
					Do not send anything	
					For @Value:	
				Nicora e el e	Total turns score in MO	MO
	AIR			Numeric #0.00	For @ Type:	MO only
				#0.00	For @Code:	
					Send proposed code	
					For @Pos:	
					Do not send anything	
					For @Value:	
					Total air score in MO	
PROGRESS	INTERMEDIATE		S(2)	m:ss.ff	For @Type:	When data
					Send proposed type	is available
					For @Code:	
					For @Post	
					Intermediate point where	
					the intermediate time is	
					recorded (1, 2F).	
					For @Value:	
					Time at the intermediate	
					point	



Element: Res	sult /ExtendedRes	ults /Extended	Result			
				SC	For @ValueType:	
				@ResultType	Send SC @ResultType (TIME)	
				s.ff	For @Diff:	
				or	The difference behind the	
				-s.ff	race leader at this	
					intermediate point. Send	
					as negative if faster than	
					race leader.	
				S(2)	For @Rank:	
					Send the rank in the unit of	
					the competitor at the	
					intermediate point. Do not	
				0(4)	consider IRMs.	
				5(1)	For @RankEqual:	
					Sellu fillalikis	
					send	
	SECTION			e ff	For @Type:	When data
	0LOHON			0.11	Send proposed type	is available
					For @Code:	
					Send proposed code	
					For @Pos:	
					Intermediate point at the	
					end of the section where	
					section time is taken (2	
					F).	
					For example 2 is the	
					section from intermediate 1	
					to intermediate 2 etc.	
					For @Value:	
					Time for the section ending	
					at the intermediate point	
				80	Eor @ValuaTypa:	
				@ResultType	Send SC @ResultType	
				S(2)	For @Rank:	
				0(=)	Send the rank of the	
					competitor in the section	
					not considering IRMs	
				S(1)	For @RankEqual:	
					Send "Y" if rank is	
					equalled, otherwise do not	
					send.	
	SPEED			Numeric	For @Type:	When
				##0.00	Send proposed type	available in
					For @Code:	cross
					Send proposed code	
					FOR @POS:	
					For @value:	
					Average speed in km/h	



#### Sample (HP)

```
<Result Rank="1" ResultType="POINTS" Result="91.75" SortOrder="1" StartOrder="7"
StartSortOrder="7" >
 <ExtendedResults>
  <ExtendedResult Type="JUDGE" Code="J1" Pos="1" Value="92" />
  <ExtendedResult Type="JUDGE" Code="J2" Pos="2" Value="91" />
  <ExtendedResult Type="JUDGE" Code="J3" Pos="3" Value="89" >
    <Extension Code="DISCARDED" Value="Y" />
   </ExtendedResult>
  <ExtendedResult Type="JUDGE" Code="J4" Pos="4" Value="91" />
  <ExtendedResult Type="JUDGE" Code="J5" Pos="5" Value="93" />
  <ExtendedResult Type="JUDGE" Code="J6" Pos="6" Value="94" >
    <Extension Code="DISCARDED" Value="Y" />
  </ExtendedResult>
 </ExtendedResults>
 <Competitor Code="2030447" Type="A" Bib="21" Organisation="GER" >
   <Composition>
    <Athlete Code="2030447" Order="1" Bib="21">
     <Description GivenName="John" FamilyName="Smith" Gender="M" Organisation="GER"</pre>
BirthDate="1994-12-15" />
    </Athlete>
   </Composition>
 </Competitor>
</Result>
.....
```

#### Sample (MO)

```
<Result Rank="2" ResultType="POINTS" Result="21.70" QualificationMark="2"
SortOrder="2" StartOrder="5" StartSortOrder="5">
 <ExtendedResults>
  <ExtendedResult Type="ER" Code="JUMP" Pos="1" Value="3" >
    <Extension Code="DD" Value="1.200" />
  </ExtendedResult>
  <ExtendedResult Type="ER" Code="JUMP" Pos="2" Value="bPp" >
   <Extension Code="DD" Value="1.200" />
  </ExtendedResult>
  <ExtendedResult Type="ER" Code="TIME_PTS" Value="5.26" />
  <ExtendedResult Type="ER" Code="TIME" Value="31.97" />
  <ExtendedResult Type="ER" Code="PERCENT" Value="72.33" />
  <ExtendedResult Type="JUDGE" Code="J1" Pos="1" Value="4.0" >
    <Extension Code="DISCARDED" Value="Y" />
   </ExtendedResult>
  <ExtendedResult Type="JUDGE" Code="J2" Pos="2" Value="3.8" >
    <Extension Code="DISCARDED" Value="Y" />
  </ExtendedResult>
  <ExtendedResult Type="JUDGE" Code="J3" Pos="3" Value="4.0" />
  <ExtendedResult Type="JUDGE" Code="J4" Pos="4" Value="4.0" />
  <ExtendedResult Type="JUDGE" Code="J5" Pos="5" Value="4.0" />
  <ExtendedResult Type="JUDGE" Code="J6" Pos="6" >
    <Extension Code="AIR" Pos="1" Value="1.7" />
    <Extension Code="AIR" Pos="2" Value="2.1" />
   </ExtendedResult>
  <ExtendedResult Type="JUDGE" Code="J7" Pos="7" >
    <Extension Code="AIR" Pos="1" Value="1.7" />
    <Extension Code="AIR" Pos="2" Value="1.9" />
  </ExtendedResult>
  <ExtendedResult Type="JUDGE" Code="TURNS" Value="12.0" />
  <ExtendedResult Type="JUDGE" Code="AIR" Value="4.44" />
 </ExtendedResults>
 <Competitor Code="2015022" Type="A" Bib="3" Organisation="GER" >
  <Composition>
    <Athlete Code="2015022" Order="1" Bib="3">
     <Description GivenName="John" FamilyName="Smith" Gender="M" Organisation="GER"</pre>
BirthDate="1994-12-15" />
    </Athlete>
   </Composition>
 </Competitor>
</Result>
```



The following table describes in more detail the Result /Competitor /Composition /Athlete /EventUnitEntry element.

Elemer	ement: Result /Competitor /Composition /Athlete /EventUnitEntry								
Туре	Code	Pos	Value	Description	Expected				
EUE	SNOWSEED		S(1)	For @Type:	If applicable				
			.,	Send proposed type					
				For @Code:					
				Send proposed code					
				For @ Pos:					
				Do not send anything					
				For @Value					
				Send "Y" if the athlete is assigned a					
				Snowseed else do not send.					
	DISCIPLINE		S(3)	For @Type	Only for team				
			0(0)	Send proposed type	competitions				
				For @Code:	compositiono				
				Send proposed code					
				For @ Pos:					
				Do not send anything					
				For @Value:					
				Sond "SPD" if the athlate is a					
				Send SDD in the athlete is a Snowboard athlete and "EDS" for an					
				Frontillo Skiing athlata					
		SC @BibColour	For @Tupo:	If appliaable in					
	DID_COLOUR			FOI Wiype.	Il applicable in				
				Send proposed type	Always in Parallel. Final phases in Cross.				
				For Coue.					
				For @ Pos:					
				For @value:					
			00.05.1						
	STANCE		SC @Foot	For @Type:	when available				
				Send proposed type					
				For @Code:					
				Send proposed code					
				For @Pos					
				Do not send anything					
				For @Value:					
				Send code for stance					
	COURSE		S(1)	For @Type:	In parallel events				
				Send proposed type					
				For @Code:					
				Send proposed code					
				For @Pos					
				Do not send anything					
				For @Value:					
				RED or BLUE depending on the					
				course					

# 2.3.3.6 Message sort

Sort by Result @SortOrder



# 2.3.4 Current Information

# 2.3.4.1 Description

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

This message should only be used to build a standalone current table and not used to merge data with the DT\_RESULT message.

### 2.3.4.2 Header Values

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

#### 2.3.4.3 Trigger and Frequency

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

- At any time a competitor starts. (This athlete/pair will be considered current) and there will be a new "next" (unless last athlete). Not applicable in SBX finals.
- Immediately after every addition/change in data during the run.
- Immediately after each competitor completes the course and the data is available.

Each message will only include the athletes currently on the course and the one/pair to follow ("Next"); this is usually not more than four athletes.

#### 2.3.4.4 Message Structure

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

Result /ExtendedResults /ExtendedResult



# 2.3.4.5 Message Values

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

Element	Attribute	M/O	Value	Comments
Result	Rank	0	String	Rank of the competitor in the event unit. Note that in the case of the Parallel Qualification Run, ranks are assigned independently for red course / blue course, and for this reason, two competitors could have the same rank despite of having different times, according to their participation in either the red course or the blue course. Do not send in judged events.
	RankEqual	0	S(1)	Send 'Y' if the rank is equalled else do not send. (They are not considered equal for the special case above).
	ResultType	0	SC @ResultType	Result type. Result type, either TIME or IRM for the corresponding event unit. Do not send in judged events
	IRM	0	SC @IRM	IRM for the event unit Send only in the case @ResultType is IRM
	Result	0	m:ss.ff	Result for the particular event unit (not cumulative). Send in the case @ResultType is TIME
	Diff	0	m:ss.ff	Time behind leader in the unit (only for those with a result). 0.00 for the leader. Do not send leading zeros. Only send in the case @ResultType is TIME - in qualification: time difference compared to the best rider on the same course. - in finals: time difference compared to the competitor from the same pair, but on the other course.
	SortOrder	Μ	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. Prior to the unit the order is the same as StartSortOrder. (even if some have IRM) Updated during the race with the current order, which is those with rank followed by those with IRM followed by those who have not started.
	StartOrder	0	Numeric ##0	The start order of the unit.
	StartSortOrder	М	Numeric ##0	
Result /Competitor /Composition /Athlete	Code	М	S(20) with no leading zeroes	Athlete ID
Result /Competitor /Composition	Code	М	S(20) with no leading zeroes	Athlete ID
/Athlete	Order	Μ	Numeric	
	Bib	0	Numeric ###0	Bib number.

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

Element:	Element: ExtendedInfos /ExtendedInfo									
Туре	Code	Extension code	Pos	Value	Description	Expected				
DISPLAY	CURRENT		S(1)	S(20) without leading zeroes	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Send R and B in the case of parallel events. (concurrent competitors) for Red and Blue.	When available				



Element:	ExtendedInfos /Exter	ndedInfo				
					For @Value: Send the competitor ID of the current competitor(s).	
	NEXT		S(1)	S(20) without leading zeroes	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Send R and B in the case of parallel events. (concurrent competitors) for Red and Blue. For @Value: Send the competitor ID of the next competitor(s).	When available

# Sample

The following table describes in more detail the Result /ExtendedResults /ExtendedResult element.

Element: Re	sult /ExtendedRes	sults /Extended	dResult			
Туре	Code	Extension Code	Pos	Value	Description	Expected
ER	PREV		S(1)	m:ss.ff	For @ Type: Send proposed type For @ Code: Send proposed code For @ Pos: Send R and B in the case of parallel events. (concurrent competitors) for Red and Blue. For @ Value: Send the time for the previous run (on the other course)	For second run in parallel events
JUMP DD		SC @ResultType S(2)	For @ValueType: Send SC @ResultType (TIME) For @Rank: Send the rank for the	-		
				S(1)	previous run (on the other course) For @RankEqual: Send "Y" if rank is equalled, otherwise do not send.	-
	JUMP		Numeric 0	S(15)	For @ Type: Send proposed type For @ Code: Send proposed code For @ Pos Send the jump/trick number in the run. 1n For @ Value: Code of the jump or trick (in slopestyle)	Slopestyle, moguls. Send as soon as available.
		DD		Numeric 0.000	For @Code: Send proposed code For @Pos Do not send anything	Moguls



Element: Re	sult /ExtendedRes	ults /Extended	dResult			
					For @Value:	
					Degree of difficulty of the	
PROGRESS			S(2)	miss ff	For @Type:	Only in
TROOREOO			0(2)	111.55.11	Send proposed type	events with
					For @Code:	split times
					Send proposed code	
					For @Pos:	
					Intermediate point where	
					the intermediate time is	
					For @Value:	-
					Time at the intermediate	
					point	_
				SC	For @ValueType:	
				@Result Type	Send SC @ResultType	
				e ff	(TIME) For @Diff:	-
				or	The difference behind the	
				-s.ff	race leader at this	
					intermediate point. Send	
					as negative if faster than	
				S(2)	race leader.	_
				5(2)	Send the rank in the unit of	
					the competitor at the	
					intermediate point. Do not	
					consider IRMs.	
				S(1)	For @RankEqual:	
					Send f Il fank is equalled otherwise do not	
					send.	
JUDGE	[Judge Positon		S(1)	Numeric	For @Type:	When data
	(J1, J2,)]			##0	Send proposed type	is available
					For @Code:	in MO,
				or	Send Judge Position	Siopestyle
				0.0	(5152) For @Pos:	-
					Judge order 1, 2,	
					For @Value:	1
					Judge score (total by the	
				0(1)	judge in case of aerials).	K
		DISCARDED		S(1)	For @Code:	If applicable
					For @Pos:	Slopestyle.
					Do not send anything	MO
					For @Value:	1
					Send "Y" if this score is	
			Niumania	Numerania	discarded else do not send	MO anh
		AIR			For @Code: Send proposed code	MO only
			0	0.0	For @Pos:	-
					Send jump number in MO.	
					For @Value:	-
	0507		<b>a</b> (1)		Judge score for air.	
	SECT		S(1)	Numeric	For @ Type:	Slopestyle
				#0.0	For @Code	-
					Send proposed code	
					For @Pos:	1
					The section of the course	
					scored.	
					FOR @Value:	
				SC	For @ValueType:	-
				@ResultType	Send SC @ResultType	
					(POINTS)	_
				S(2)	For @Rank:	
					Send the rank in the	
					Section	



Element: Re	sult /ExtendedRes	ults /Extended	Result			
				S(1)	For @RankEqual: Send "Y" if rank is	
					equalled, otherwise do not	
	SECT_PROG		S(1)	Numeric #0.0	For @Type: Send proposed type	Slopestyle
					For @Code: Send proposed code	
				For @Pos: The section of the course scored.		
				For @Value: Cumulative score to the end of the section.		
				SC @ResultType	For @ValueType: Send SC @ResultType (POINTS)	
				S(2)	For @Rank: Send the rank to the end of the section	
				S(1)	For @RankEqual: Send "Y" if rank is equalled, otherwise do not send.	
	OVERALL			Numeric #0.0	For @Type: Send proposed type For @Code: Send proposed code For @Pos:	Slopestyle
					For @Value: Score from the overall judges in slopestyle without considering DD.	

#### Sample

# 2.3.4.6 Message sort

Sort by Result @StartSortOrder



# 2.3.5 Image

#### 2.3.5.1 Description

The 'Image message' is a message containing an image or images file(s) in .jpg or .png format encapsulated in a XML message.

The message allows for multiple images but it is assumed the images are related (could be different resolutions, different states of a competition or different places in photofinish photos). Unrelated images should be sent separately.

# 2.3.5.2 Header Values

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

DocumentCode: Unit level RSC.

DocumentSubtype is PHOTOFINISH.

# 2.3.5.3 Trigger and Frequency

Triggered as soon as image available.

# 2.3.5.4 Message Structure

No applicable optional elements.

#### 2.3.5.5 Message Values

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

Element	Attribute	M/O	Value	Comments	
Image	Pos	М	Numeric #0	Used as differentiator if there are multiple images in the message.	
	Version	М	Numeric #0	Document Version	
	Revision	М	Numeric #0	Document Revision	
	ImageType	М	S(3)	Image type extension, jpg or png	
Image /ImageData	-	М	Free Text	The ImageData element has a body consisting of one Base64-encoded report (a jpeg or png file)	

#### 2.3.5.6 Message sort

Please, follow the general definition.



# 2.3.6 Cumulative Results

# 2.3.6.1 Description

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

The Cumulative Results message is used to send the cumulative results of the competition.

It is anticipated that the cumulative message is usually needed as competitors have multiple attempts (runs) depending on the event. However in this sport the number of units in a competition can vary quite dynamically depending on the weather and snow conditions. To avoid changing the types of messages sent depending on the conditions the cumulative will always be sent if it is planned, even if the format changes and there is only one unit. This provides consistency for the end users.

#### 2.3.6.2 Header Values

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

The DocumentSubtype attribute in the ODF header can contain the following information:

• Unit level RSC would represent the cumulative results up to the referenced unit (either during or after).

#### 2.3.6.3 Trigger and Frequency

- Send after the first unit is official. (INTERMEDIATE)
- Send after each athlete completes the course (and has all data) during the second and subsequent units. (LIVE)
- Send after the last unit is complete (UNCONFIRMED / UNOFFICIAL / OFFICIAL as appropriate)

#### 2.3.6.4 Message Structure

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

- ExtendedInfos /SportDescription
- ExtendedInfos /VenueDescription
- ExtendedInfos /ExtendedInfo
- Result /ResultItems /ResultItem

#### 2.3.6.5 Message Values

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

Element	Attribute	M/O	Value	Comments
ExtendedInfos	DisciplineName	M	S(40)	Text description from common codes
/SportDescription	EventName	M	S(40)	Text short description, not code
	Gender	Μ	CC @DisciplineGender	
ExtendedInfos	Venue	Μ	CC @VenueCode	Venue code
/VenueDescription	VenueName	M	S(25)	Text short description, not code
	Location	M	CC @Location	Location Code
	LocationName	M	S(30)	Text short description, not code
Result	Rank	0	S(3)	Rank of the competitor in the cumulative result. In Parallel: Do not include the rank during the second and subsequent units until the competitor has completed the unit as rank after one run has no meaning. Other events use "best of" so the rank can be filled as soon as a competitor has completed one run. This attribute is optional because the competitor could get an invalid rank mark.



Element	Attribute	M/O	Value	Comments
Llement	PankEqual		Q(1)	Sond V in case of the Bank has been
	Raliki yuai	0	3(1)	Sellu T III case of the Natik has been
	ResultType	0	SC @ResultType	Recult type
	IDM	0	CC @IREM	IDM for the cumulative result
		0		Send just in the case @ResultType is IRM
	Result	0	miss ff	Rest score/cumulative result
	Result		0r	Send in the case @ResultType is TIME or
			##0.00	POINTS
	Diff	0	s ff	Time behind leader. Only in parallel events
		<b>`</b>	0.11	and SBX qualification.
	QualificationMark	0	SC @QualificationMark	Qualifying Mark
	SortOrder	M	Numeric	This attribute is a sequential number with the
		[ .		order of the results for the cumulative result,
				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.
				During second and subsequent units those
				without rank will be ordered following their
				start order in the current unit.
Result /ResultItems	Unit	Μ	CC @Unit	Full RSC of the unit
/ResultItem				
Result /ResultItems	Rank	0	S(3)	Rank of the competitor in the result for the
/ResultItem /Result				unit identified by /ResultItems /ResultItem.
	RankEqual	0	S(1)	Send Y in case of the Rank has been
	- KT	0		equalled else do not send.
	ResultType	0	SC @ResultType	Type of the @Result attribute for the event
				unit or phase identified by /Resultitems
	Deput	0		/Resultitem
	Result	0	m:ss.m	Best score/cumulative result.
			Or ##0.00	
	D:#f	0	##0.00	Time behind leader. Only in parallel events
	DIII	0	5.11	In the finale
		0	SC @IRM	The involid rank mark in case it is assigned
			SC GIRM	for the event unit
				Send in the case @ResultType is IRM
	SortOrder	M	Numeric	Used to sort all results in an event unit
	Ouroradi		#0	identified by /ResultItems /ResultItem
Result /Competitor	Code	М	S(20) with no leading	Athlete's ID
/Composition	0000		7eroes	
/Athlete	Order	М	Numeric	
	Bib	0	S(4)	Athlete's bib number

The following table describes in more detail the ExtendedInfo element.

Element: Ex	tendedInfo					
Туре	Code	Extension code	Pos	Value	Description	Expected
U	LAST_QUAL			S(20) with no leading zeroes	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything For @Value: Send the current last qualifying place competitor ID. In the situation where insufficient competitors have participated to show the last qualifying position then show the current last place	When available in any phase where athletes progress.

The following table describes in more detail the Result /ResultItems /ResultItem /Result /ExtendedResults /ExtendedResult.

Element: Result /ResultItems /ResultItem /Result /ExtendedResults /ExtendedResult							
Туре	Code	Extension Code	Pos	Value	Description	Expected	



Element: Re	sult /ResultItems /	ResultItem /Result /Ext	tendedResults /Ext	endedResult	
ER	COURSE		S(4)	For @Type:	Only in
				Send proposed type	parallel
				For @Code:	events.
				Send proposed code	
				For @Pos:	•
				Do not send anything	
				For @Value:	
				Course colour, RED or BLUE	
	TIEBREAK_PTS		Numeric	For @Type:	If applicable
			##0.00	Send proposed type	
				For @Code:	-
			or	Send proposed code	
				For @Pos:	-
			##0.000	Do not send anything	
				For @Value:	
				Should be the tie-break	
				points of the run which	
				breaks the tie, or the total	
				score of worst run	
				depending on the criteria	
	DEOT			which breaks the tie.	
	BEST		S(1)	For @Type:	If applicable
				Send proposed type	
				For @Code:	
				Send proposed code	
				For @Pos:	
				Do not send anything	
				For @Value:	
				Send Y If this run is the	
				current best for the	
				competitor else do not	
				sena	

# Sample (Slopestyle, BA, HP, AE)

```
<Result Rank="1" ResultType="POINTS" Result="94.50" QualificationMark="QF"
SortOrder="1">
 <ResultItems>
  <ResultItem Unit="SBDMSBS-----QUAL000101">
    <Result Rank="9" ResultType="POINTS" Result="45.25" SortOrder="9" />
  </ResultItem>
  <ResultItem Unit="SBDMSBS-----QUAL000102">
   <Result Rank="1" ResultType="POINTS" Result="94.50" SortOrder="1" />
  </ResultItem>
 </ResultItems>
 <Competitor Code="2019180" Type="A" Bib="8">
  <Composition>
    <Athlete Code="2019180" Order="1" Bib="8" Organisation="GER" >
     <Description GivenName="John" FamilyName="Smith" Gender="M" Organisation="GER"</pre>
BirthDate="1994-12-15" />
    </Athlete>
  </Composition>
 </Competitor>
</Result>
.....
```



# Sample (SBX)

```
<Result Rank="13" ResultType="TIME" Result="1:23.43" Diff="2.82" QualificationMark="Q"
SortOrder="13">
 <ResultItems>
  <ResultItem Unit="SBDMSBX------QUAL000101--">
    <Result Rank="13" ResultType="TIME" Result="1:24.47" SortOrder="13" />
  </ResultItem>
  <ResultItem Unit="SBDMSBX-----QUAL000102--">
    <Result Rank="1" ResultType="TIME" Result="1:23.43" SortOrder="1" />
  </ResultItem>
 </ResultItems>
 <Competitor Code="2019180" Type="A" Bib="8">
  <Composition>
    <Athlete Code="2019180" Order="1" Bib="8" Organisation="GER" >
     <Description GivenName="John" FamilyName="Smith" Gender="M" Organisation="GER"</pre>
BirthDate="1994-12-15" />
    </Athlete>
  </Composition>
 </Competitor>
</Result>
```

# Sample (Parallel Qualification)

```
<Result Rank="4" ResultType="TIME" Result="58.92" Diff="0.82" QualificationMark="Q"
SortOrder="4">
 <ResultItems>
  <ResultItem Unit="SBDMPGS-----OUAL000101">
    <Result Rank="22" ResultType="TIME" Result="30.00" SortOrder="22" />
    <ExtendedResults>
     <ExtendedResult Type="ER" Code="COURSE" Value="RED" />
    </ExtendedResults>
  </ResultItem>
  <ResultItem Unit="SBDMPGS-----QUAL000102">
    <Result Rank="2" ResultType="TIME" Result="28.92" SortOrder="2" />
    <ExtendedResults>
     <ExtendedResult Type="ER" Code="COURSE" Value="BLUE" />
   </ExtendedResults>
  </ResultItem>
 </ResultItems>
 <Competitor Code="2019180" Type="A" Bib="8">
  <Composition>
    <Athlete Code="2019180" Order="1" Bib="8" Organisation="GER" >
     <Description GivenName="John" FamilyName="Smith" Gender="M" Organisation="GER"</pre>
BirthDate="1994-12-15" />
    </Athlete>
  </Composition>
 </Competitor>
</Result>.....
```

#### 2.3.6.6 Message sort

Please, follow the general definition.



# 2.3.7 Brackets

# 2.3.7.1 Description

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

### 2.3.7.2 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).

# 2.3.7.3 Trigger and Frequency

Please, follow the general definition

#### 2.3.7.4 Message Structure

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

- ExtendedInfos /SportDescription
- ExtendedInfos /VenueDescription
- ExtendedInfos / ExtendedInfo
- Bracket /BracketItems /BracketItem

# 2.3.7.5 Message Values

The following table lists the Brackets optional attributes (defined in the ODF General Messages Interface Document) that are used, as well as the attributes that have an extended definition.

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Element	Attribute	M/O	Value	Comments
Bracket	Code	M	S(20) with no leading	Competitor ID
/BracketItems			zeroes	
/BracketItem	Туре	M	S(1)	A for Athlete, T for Team
/CompetitorPlace	Seed	0	S(2)	Rank or the competitor in the qualification
/Competitor	Organisation	0	CC @Organisation	Competitors' organisation if known
Bracket	Code	M	S(20) with no leading	Competitor ID.
/BracketItems			zeroes	(Only include athletes after the unit is
/BracketItem				complete)
/CompetitorPlace	Order	M	Numeric	Order attribute used to sort team members in
/Competitor			0	a team (in their order of start in the heat) (if
/Composition				Competitor @Type="T") or 1 if Competitor
/Athlete				@Type="A".

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

Element:	ExtendedInfos /Exte	endedInfo				
Туре	Code	Extension code	Pos	Value	Description	Expected
UI	PENALTY_TIME			m:ss.ff	For @Type: Send proposed type For @Code: Send proposed code For @ Pos: Do not send anything For @Value: Penalty time applied according to sport rules. Do not send leading zeros.	When applicable

The following table describes in more detail the CompetitorPlace /ExtCompPlaces /ExtCompPlace element

Element: C	nent: CompetitorPlace /ExtCompPlaces /ExtCompPlace								
Туре	Code	Pos	Value	Description	Expected				
ECP	DIFF	Numeric 0	+s.ff or 0.00	For @Type: Send proposed type For @Code:	When available in Parallel				
				Send proposed code For @Pos: Send the run number	-				
				For @Value: Send the time behind or 0.00 if equal. Do not send if won the unit.					
	RESULT		S(3)	For @Type: Send proposed type	When applicable in Cross				
				For @Code: Send proposed code	-				
				Do not send anything	-				
				Send: The rank in Cross or; IRM if applicable					
	IRM		SC @IRM	For @Type: Send proposed type	If RESULT = IRM				
				Send proposed code	-				
				Do not send anything	-				
				Send applicable code.					
	BIB_COLOUR		SC @BibColour	For @Type: Send proposed type	(Cross)				
				For @Code: Send proposed code	_				
				For @ Pos: Do not send anything	_				
				For @Value: Send colour					



Element: CompetitorPlace /ExtCompPlaces /ExtCompPlace								
LANE	Numeric	For @Type:	If applicable in the unit					
	0	Send proposed type	(Cross)					
		For @Code:						
		Send proposed code						
		For @ Pos:						
		Do not send anything						
		For @Value:						
		Lane number						

# Sample (Parallel)

```
<Bracket Code="FNL">
 <BracketItems Code="SFL">
  <BracketItem Code="13" Order="1" Date="2014-02-22" Time="15:22" Unit="SBDMPGS------</pre>
      --SFNL0001----" NextUnit="SBDMPGS------FNL-0001----"
NextUnitLoser="SBDMPGS-----FNL-0002----" >
    <CompetitorPlace Pos="1" WLT="W" >
     <ExtCompPlaces>
      <ExtCompPlace Type="ECP" Code="DIFF" Pos="1" />
     </ExtCompPlaces>
     <PreviousUnit Unit="SBDMPGS------QFNL0001----" />
     <Competitor Code="2000885" Type="A" Seed="2" Organisation="GER">
       <Composition>
        <Athlete Code="2000885" Order="1" >
         <Description GivenName="John" FamilyName="Smith" Gender="M"</pre>
Organisation="GER" BirthDate="1994-12-15" />
       </Athlete>
       </Composition>
     </Competitor>
    </CompetitorPlace>
    <CompetitorPlace Pos="2" WLT="L" >
     <ExtCompPlaces>
       <ExtCompPlace Type="ECP" Code="DIFF" Pos="2" Value="+0.14" />
     </ExtCompPlaces>
     <PreviousUnit Unit="SBDMPGS------QFNL0002----" />
     <Competitor Code="2023789" Type="A" Seed="9" Organisation="SUI">
       <Composition>
        <Athlete Code="2023789" Order="1" >
         <Description GivenName="John" FamilyName="Black" Gender="M"</pre>
Organisation="SUI" BirthDate="1992-12-15" />
        </Athlete>
       </Composition>
     </Competitor>
    </CompetitorPlace>
  </BracketItem>
```



# Sample (SBX)

```
<Bracket Code="FNL">
 <BracketItems Code="SFL">
  <BracketItem Code="13" Order="1" Date="2014-02-22" Time="15:22">
    <Unit Unit="SMM490201" />
    <NextUnit Unit="SMM490101"
    <NextUnitLoser Unit="SMM490102" />
    <CompetitorPlace Pos="1" WLT="W" >
     <ExtCompPlaces>
       <ExtCompPlace Type="ECP" Code="RESULT" Value="1" />
       <ExtCompPlace Type="ECP" Code="BIB_COLOUR" Value="BLACK" />
       <ExtCompPlace Type="ECP" Code="LANE" Value="3" />
     </ExtCompPlaces>
     <PreviousUnit Unit="SMM490301" />
     <Competitor Code="2000996" Type="A" Organisation="GER">
       <Composition>
         <Athlete Code="2000996" Order="1" >
          <Description GivenName="John" FamilyName="Smith" Gender="M"</pre>
Organisation="GER" BirthDate="1994-12-15" />
        </Athlete>
       </Composition>
     </Competitor>
    </CompetitorPlace>
    <CompetitorPlace Pos="2" WLT="W" >
     <ExtCompPlaces>
       <ExtCompPlace Type="ECP" Code="RESULT" Value="2" />
       <ExtCompPlace Type="ECP" Code="BIB COLOUR" Value="BLUE" />
       <ExtCompPlace Type="ECP" Code="LANE" Value="6" />
     </ExtCompPlaces>
     <PreviousUnit Unit="SMM490301" />
     <Competitor Code="2019181" Type="A" Organisation="SUI">
       <Composition>
         <Athlete Code="2019181" Order="1" >
          <Description GivenName="John" FamilyName="Malone" Gender="M"</pre>
Organisation="SUI" BirthDate="1992-12-15" />
        </Athlete>
       </Composition>
     </Competitor>
    </CompetitorPlace>
    <CompetitorPlace Pos="6" WLT="L" >
     <ExtCompPlaces>
       <ExtCompPlace Type="ECP" Code="RESULT" Value="6" />
       <ExtCompPlace Type="ECP" Code="BIB_COLOUR" Value="YELLOW" />
       <ExtCompPlace Type="ECP" Code="LANE" Value="4" />
     </ExtCompPlaces>
     <PreviousUnit Unit="SMM490302" />
     <Competitor Code="2013787" Type="A" Organisation="GER">
       <Composition>
         <Athlete Code="2013787" Order="1" >
          <Description GivenName="John" FamilyName="Brown" Gender="M"</pre>
Organisation="GER" BirthDate="1994-12-13" />
         </Athlete>
       </Composition>
     </Competitor>
    </CompetitorPlace>
  </BracketItem>
```

#### 2.3.7.6 Message sort

Please, follow the general definition.



# 2.3.8 Event Final Ranking

# 2.3.8.1 Description

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

#### 2.3.8.2 Header Values

The DocumentCode attribute in the ODF header will be sent for all the competition events according to the ODF Common Codes document (header values).

#### 2.3.8.3 Trigger and Frequency

Please, follow the general definition.

#### 2.3.8.4 Message Structure

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

- ExtendedInfos /SportDescription
- ExtendedInfos /VenueDescription
- Result /ExtendedResults /ExtendedResult

#### 2.3.8.5 Message Values

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

Element	Attribute	M/O	Value	Comments
ExtendedInfos	DisciplineName	Μ	S(40)	Text description from common codes
/SportDescription	EventName	M	S(40)	Text short description, not code
	Gender	M	CC @DisciplineGender	
ExtendedInfos	Venue	M	CC @VenueCode	Venue Code
/VenueDescription	VenueName	M	S(25)	Text short description, not code
Result	Rank	0	S(3)	Final rank of the competitor in the corresponding event. This attribute is optional because the competitor could get an empty rank in the case of a red card, for example.
	RankEqual	0	S(1)	Send Y if the rank is equalled, else do not send
	ResultType	0	SC @ResultType	Result type. Result type, either TIME or POINTS or RANK(cross events only) or IRM for the corresponding event unit.
	IRM	0	SC @IRM	Send if the competitor has an IRM
	Result	0	m:ss.ff or ##0.00 Or #0	Result for the particular event. Send in the case @ResultType is TIME or POINTS or RANK. Send Best points or time from the last phase a competitor was competing in or overall rank (Cross events).
	SortOrder	M	Numeric	This attribute is a sequential number with the order of the results for the particular event, 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 Result /ExtendedResults /ExtendedResult element.

Eleme	Element: Result /ExtendedResults /ExtendedResult							
Туре	Code	Expected						
ER	RACE_PTS		Numeric ###0	For @Type: Send proposed type	If data exists			
				For @Code: Send proposed code				



Elemen	ht: Result /Exter	ndedResu	ults /ExtendedResult		
				For @Pos	
				Do not send anything	
				For @Value:	
				Race points earned for each competitor	
	LAST_UNIT		Full RSC	For @Type:	If applicable
				Send proposed type	
				For @Code:	
				Send proposed code	
				For @Pos	
				Do not send anything	_
				For Value:	
				Send the full RSC of the final unit in	
				which the competitor participated.	
	UNIT_RANK		Numeric	For @Type:	If applicable
			0	Send proposed type	
				For @Code:	
				Send proposed code	
				For @Pos	
				Do not send anything	
				For @Value:	
				Rank in the heat where athlete finished	
				the competition. Applies for SBX Finals.	

#### Sample

```
<Result Rank="2" ResultType="POINTS" SortOrder="2" RESULT="92.30">
 <ExtendedResults>
  <ExtendedResult Type="ER" Code="RACE_PTS" Value="800" />
  <ExtendedResult Type="ER" Code="LAST UNIT" Value=" SBDMSBX------FNL-0001---
-" />
  <ExtendedResult Type="ER" Code="UNIT_RANK" Value="2" />
 </ExtendedResults>
 <Competitor Code="2000996" Type="A" Organisation="GER" >
  <Composition>
    <Athlete Code="2000996" Order="1">
     <Description GivenName="John" FamilyName="Smith" Gender="M" Organisation="GER"</pre>
BirthDate="1994-12-15" />
    </Athlete>
   </Composition>
 </Competitor>
</Result>
<Result Rank="3" ResultType="POINTS" SortOrder="3" RESULT="87.85">
 <ExtendedResults>
  <ExtendedResult Type="ER" Code="RACE_PTS" Value="600" />
  <ExtendedResult Type="ER" Code="LAST_UNIT" Value=" SBDMSBX------FNL-0001---
-" />
  <ExtendedResult Type="ER" Code="UNIT_RANK" Value="3" />
 </ExtendedResults>
 <Competitor Code="2030033" Type="A" Organisation="SUI" >
  <Composition>
    <Athlete Code="2030033" Order="1">
     <Description GivenName="John" FamilyName="Brown" Gender="M" Organisation="SUI"</pre>
BirthDate="1992-12-15" />
    </Athlete>
   </Composition>
 </Competitor>
</Result>
```

# 2.3.8.6 Message sort

Please, follow the general definition



# 2.3.9 Weather Conditions

# 2.3.9.1 Description

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

#### 2.3.9.2 Header Values

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

#### 2.3.9.3 Trigger and Frequency

Please, follow the general definition.

#### 2.3.9.4 Message Structure

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

• Competition /Weather /Conditions /Condition (following the general rules for this element)

#### 2.3.9.5 Message Values

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

Element	Attribute	M/O	Value	Comments
Conditions	Code	M	SC @WeatherPoint	Weather points, send START and FINISH
	Humidity	0	Numeric ##0	Humidity in %
	Wind_Direction	0	CC @WindDirection	Wind direction
Weather	Code	M	S(4)	Weather condition type, send SKY and SNOW
/Conditions	Value	M	CC @WeatherCondition	Use CC @WeatherConditions for SKY
/Condition			CC @SnowConditions	Use CC @SnowConditions for SNOW
Weather	Code	M	S(4)	Temperature type, send AIR, SNOW
/Conditions	Unit	M	SC @TemperatureUnit	Unit for temperature, send both
/Temperature	Value	М	Numeric #0.0	Temperature of the @Code. Negative is applicable
Weather	Code	М	S(5)	Wind Speed, send SPEED
/Conditions /Wind	Unit	М	SC @WindUnit	Unit for Wind. Use MS and KMH
	Value	М	Numeric ##0.0	Wind speed in @Unit degrees.

#### Sample

```
<Weather>
 <Conditions Code="START" Humidity="49" Wind Direction="SE">
  <Condition Code="SKY" Value="pc" />
  <Condition Code="SNOW" Value="hrd" />
  <Temperature Code="AIR" Unit="C" Value="2.8" />
  <Temperature Code="AIR" Unit="F" Value="37.0" />
  <Temperature Code="SNOW" Unit="C" Value="-2.4" />
  <Temperature Code="SNOW" Unit="F" Value="27.7" />
  <Wind Code="SPEED" Unit="KMH" Value="7.2" />
  <Wind Code="SPEED" Unit="MS" Value="2.0" />
 </Conditions>
 <Conditions Code="FINISH" Humidity="37" Wind Direction="VR">
  <Condition Code="SKY" Value="pc" />
  <Condition Code="SNOW" Value="hrd" />
  <Temperature Code="AIR" Unit="C" Value="8.8" />
  <Temperature Code="AIR" Unit="F" Value="47.8" />
  <Temperature Code="SNOW" Unit="C" Value="0.3" />
  <Temperature Code="SNOW" Unit="F" Value="32.5" />
  <Wind Code="SPEED" Unit="KMH" Value="0.0" />
  <Wind Code="SPEED" Unit="MS" Value="0.0" />
 </Conditions>
</Weather>
.....
```



# 2.3.9.6 Message sort

Please, follow the general definition.



# 2.3.10 Configuration

# 2.3.10.1 Description

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

### 2.3.10.2 Header Values

Send one message per phase with the phase level RSC.

# 2.3.10.3 Trigger and Frequency

Please, follow the general definition.

#### 2.3.10.4 Message Structure

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

• ExtendedConfigItem

#### 2.3.10.5 Message Values

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

The following table lists the Discipline configuration optional attributes (defined in the ODF General Messages Interface Document) that are used, as well as the attributes that have an extended definition.

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



Element: Extended	dConfig					
Туре	Code	ExtendedConfig Item Code	Pos	Value	Description	Expected
FIS	HOMOLOGATION			String	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything For @Value: FIS Homologation number	When available
COURSE	NAME			String	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything For @Value: Name of the course in ENG	When available
	LENGTH			Numeric ###0	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything For @Value: Send the total length of the course in m.	When applicable
	HALF_PIPE				For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything For @Value: Do not send anything	In halfpipe only
		WIDTH		Numeric ##0.0	For @Code: Send proposed code For @Pos: Do not send anything For @Value: HP width wall to wall in metres	
		HEIGHT		Numeric ##0.0	For @Code: Send proposed code For @Pos: Do not send anything For @Value: HP inner height of walls in metres	
		INCLIN		Numeric #0	For @Code: Send proposed code For @Pos: Do not send anything	



Element: Extende	dConfig				
				For @Value: HP degrees of inclination	
		INCLIN_VERT	Numeric #0	For @Code: Send proposed code	
				For @Pos: Do not send	
				Anything For @Value: HP degrees of	
				vertical inclination	
	MOGULS			For @ I ype: Send proposed type For @Code: Send proposed	Always in the case of moguls
				code For @Pos: Do not send	
				anything	
				For @Value: Do not send anything	
		WIDTH	Numeric	For @Code:	
			#0.0	code	
				Do not send	
				For @Value:	
				Width of course in m.	
		GATE_WIDTH	Numeric #0.0	For @Code: Send proposed code	
				For @Pos: Do not send anything	
				For @Value: Width of gate.	
		GRAD_AVG	Numeric #0.0	For @Code: Send proposed	
				code For @Pos:	
				Do not send	
				For @Value:	
		PACE	 ss.ff	For @Code:	
				Send proposed code	
				For @Pos: Do not send	
				anything	
				Pace time	
	AERIALS			For @Type: Send proposed type	Always in the case of
				For @Code: Send proposed code	aerials
				For @Pos: Do not send	
				For @Value: Do not send	
		IN RUN DIST	Numeric	anything For @Code:	
			#0.0	Send proposed code	
				For @Pos: Do not send	
				anything	



Element: Extended	dConfig					
					In run distance in	
		IN RUN GRAD		Numeric	For @Code:	
				#0.0	Send proposed code	
					For @Pos: Do not send	
					anything In run gradient in	
		TABLE_DIST		Numeric	Gegrees For @Code:	
				#0.0	code	
					Do not send anything	
					Table distance in metres	
		TABLE_GRAD		Numeric #0.0	For @Code: Send proposed code	
					For @Pos: Do not send anything	
					Table gradient in degrees	
		LAND_DIST		Numeric #0.0	For @Code: Send proposed	
					For @Pos: Do not send	
					anything Landing distance in	
		LAND_GRAD		Numeric #0.0	For @Code: Send proposed	
					code For @Pos:	
					Do not send anything	
			Numorio	Numorio	Landing gradient in degrees	
		RICKER_DIST	#0	#0.00	Send proposed code	
					For @Pos: Kicker number	
		KICKER HT	Numeric	Numeric	metres	
			#0	#0.00	Send proposed code	
					For @Pos: Kicker number Kicker height in	
		KICKER GRAD	Numeric	Numeric	metres For @Code:	
			#0	#0.0	Send proposed code	
					Do not send anything	
	DICAID				Kicker gradient in degrees	Alweye in
	DIGAIK				For @ Type: Send proposed type For @Code: Send proposed code	the case of big air
					For @Pos: Do not send	
					anything	



Element: Extende	dConfig				
				For @Value: Do not send anything	
		IN_RUN_DIST	Numeric #0.0	For @Code: Send proposed code For @Pos: Do not send	
				anything In run distance in metres	
		IN_RUN_GRAD	Numeric #0.0	For @Code: Send proposed code	
				Do not send anything In run gradient in	
		KNOLL	Numeric #0.0	degrees For @Code: Send proposed	
				code For @Pos: Do not send	
				anything Take off to knoll distance in metres	
		HEIGHT	Numeric #0.0	For @Code: Send proposed code	
				Kicker number Jump height in metres	
		LAND_GRAD	Numeric #0.0	For @Code: Send proposed code	
				Do not send anything Landing gradient in	
	SLOPESTYLE			degrees For @Type: Send proposed type	
				For @Code: Send proposed code	
				For @Pos: Do not send anything For @Value:	
			Numeric	Do not send anything	Always in
			#0	Send proposed code For @Pos:	the case of slopestyle
				Do not send anything For @Value: Number of jump	
		JIBBING_NUM	Numeric #0	features For @Code: Send proposed code	
				For @Pos: Do not send anything	
			Numaria	For @Value: Number of jibbing features	Croco
	FEATURES_NUM		#0	Send proposed type	CIUSS



Element: Extended	dConfig					
					For @Code: Send proposed code For @Pos: Do not send anything For @Value:	
	ALTITUDE				For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything For @Value: Do not send anything	When applicable (not HP)
		START		Numeric ###0	For @Code: Send proposed code For @Pos: Do not send anything For @Value: Send the altitude at the start point in metres	
		FINISH		Numeric ###0	For @Code: Send proposed code For @Pos: Do not send anything For @Value: Send the altitude at the finish in metres	
		DROP		Numeric ###0	For @Code: Send proposed code For @Pos: Do not send anything For @Value: Send the total vertical drop in metres	
EC	INTERMEDIATES_ NUM			Numeric #0	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything For @Value: Send the total number of intermediate points where the time is recorded including F.	Always if there are intermediat e points. May apply to Parallel Qualificatio n and Elimination Runs and to Cross.
	INTERMEDIATE		S(2)	String	For @Type: Send proposed type For @Code: Send proposed code	If there are intermediat e points where time is recorded.



Element: Extende	dConfig				
				For @ Pos: Send the value that identifies the intermediate point, S for start then 1 to n for intermediates along the course and F for the finish point. For @Value: Name of the intermediate point in ENG. Not applicable for S or F (blank).	
	HEATS_NUM		Numeric 0	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything For @Value: Send the number of heats for that phase.	Send by phase if not 1.
	RUNS_NUM		Numeric 0	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything For @Value: Send the number of runs for that phase.	Send by phase if not 1.
QUALIFICATION	FROM_RANK	S(2)	Numeric #0	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Send according to the round to progress: Send A (Big Final) Send B (Small Final) Send SF for Semifinal Send QF for Quarterfinal Send 8 for 1/8 Final For @Value: Send the qualifying rank to indicate first rank to qualify	When applicable
	IO_RANK	S(2)	Numeric #0	For @Type: Send proposed type For @Code: Send proposed code	When applicable



Element: Extende	dConfig			
			For @Pos: Send according to the round to progress: Send A (Big Final) Send B (Small Final) Send SF for Semifinal Send QF for Quarterfinal Send 8 for 1/8 Final For @Value: Send the qualifying	
			rank to indicate last	
			rank to qualify	

### 2.3.10.6 Sample

```
<Configs>
 <Config Unit="SBDWSBX-----FNL------" >
  <ExtendedConfig Type="FIS" Code="HOMOLOGATION" Value="10722/11/12" />
  <ExtendedConfig Type="COURSE" Code="NAME" Value="Rosa Style" />
<ExtendedConfig Type="COURSE" Code="LENGTH" Value="635" />
  <ExtendedConfig Type="COURSE" Code="FEATURES_NUM" Value="8" />
  <ExtendedConfig Type="COURSE" Code="ALTITUDE" >
    <ExtendedConfigItem Code="START" Value="1162" />
    <ExtendedConfigItem Code="FINISH" Value="1015" />
    <ExtendedConfigItem Code="DROP" Value="147" />
  </ExtendedConfig>
  <ExtendedConfig Type="EC" Code="INTERMEDIATES_NUM" Value="2" />
  <ExtendedConfig Type="QUALIFICATION" Code="FROM_RANK" Pos="A" Value="1" />
  <ExtendedConfig Type="QUALIFICATION" Code="TO RANK" Pos="A" Value="6" />
  <ExtendedConfig Type="QUALIFICATION" Code="FROM_RANK" Pos="B" Value="7" />
  <ExtendedConfig Type="QUALIFICATION" Code="TO_RANK" Pos="B" Value="12" />
 </Config>
```

#### 2.3.10.7 Message sort

Please, follow the general definition.



# 3 Document Control

Version history				
Version	Date	Comments		
WYOG-2016-FRS-SBD V1.0	8 Jul 2015	First Version		
WYOG-2016-FRS-SBD V1.1	2 Dec 2015	Approved with minor changes		
WYOG-2016-FRS-SBD V1.2	5 Feb 2016	Approved version with updates		

# File reference: ODF/INT015 WYOG-2016-FRS-SBD v1.2 APP

Change Log			
Version	Status	Changes on version	
WYOG-2016-FRS-SBD V1.0	Draft	First version	
WYOG-2016-FRS-SBD V1.1	APP	DT_RANKING Move the last unit concept to an extension. DT_PARTIC: Change the extension PTS to RANK_PTS (consistency) Added qualification codes for Final A and Final B (FA/FB)	
WYOG-2016-FRS-SBD V1.2	APP	DT_RANKING added explanation for Result attribute of result tag, sample corrected, Result_type CODE was removed. Result type RANK added for cross events. Corrected qualification codes for Final B (FB)	



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