

Olympic Data Feed



ODF Alpine Skiing Data Dictionary
Lillehammer 2016 –Winter Youth
Olympic Games

Technology and Information Department

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1 Introduction

1.1 This document

This document includes the ODF Alpine Skiing Data Dictionary. This Data Dictionary refines the messages described in the ODF General Messages Interface Document specifically for Alpine Skiing.

1.2 Objective

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

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

1.5 Related Documents

Document Reference	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 General 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
ALS	@Bracket	BRN		Bronze (Small Final)
ALS	@Bracket	FNL		Finals
ALS	@BracketItems	8FNL		1/8 Finals
ALS	@BracketItems	FNL		Final
ALS	@BracketItems	QFNL		Quarterfinal
ALS	@BracketItems	SFNL		Semifinal
ALS	@ForerunnerBib	A		A
ALS	@ForerunnerBib	B		B
ALS	@ForerunnerBib	C		C
ALS	@ForerunnerBib	D		D
ALS	@ForerunnerBib	E		E
ALS	@ForerunnerBib	F		F
ALS	@ForerunnerBib	G		G
ALS	@ForerunnerBib	H		H
ALS	@ForerunnerBib	I		I
ALS	@ForerunnerBib	J		J
ALS	@ForerunnerBib	K		K
ALS	@ForerunnerBib	L		L
ALS	@ForerunnerBib	M		M
ALS	@ForerunnerBib	N		N
ALS	@ForerunnerBib	O		O
ALS	@IRM	DNF		Did not Finish
ALS	@IRM	DNS		Did not Start
ALS	@IRM	DQB		Disqualified (Behaviour)
ALS	@IRM	DSQ		Disqualified
ALS	@QualificationMark	Q		Team Qualified for the next round
ALS	@QualificationMark	Q		Team won the Big Final
ALS	@QualificationMark	q		Team won the Small Final
ALS	@ResultType	IRM		Invalid Result Mark
ALS	@ResultType	POINTS		Points (Team Event)
ALS	@ResultType	TIME		Time
ALS	@WLT	L		Team / Athlete lost
ALS	@WLT	T		Team / Athlete tied
ALS	@WLT	W		Team / Athlete won

Results Functions (proposed, to be confirmed)

Games	Discipline	Function Code	Order	Description	Category
OG	ALS	TCH_DEL	1	TD FIS	J
OG	ALS	RE	2	Referee	J
OG	ALS	AR	3	Assistant Referee	J
OG	ALS	COMP_CHF	4	Chief of Race	J
OG	ALS	STR_RE	5	Start Referee	J
OG	ALS	FSH_RE	6	Finish Referee	J
OG	ALS	CRS_SET	7	Course Setter	J
OG	ALS	TM_MGR		Team Leader	T
PG	ALS	TCH_DEL	1	Technical Delegate	J
PG	ALS	RCE_DIR	2	IPCAS Race Director	J
PG	ALS	COMP_CHF	3	Chief of Race	J
PG	ALS	RE	4	Referee	J

Games	Discipline	Function Code	Order	Description	Category
PG	ALS	AR	5	Assistant Referee	J
PG	ALS	STR_RE	6	Start Referee	J
PG	ALS	FSH_RE	7	Finish Referee	J
PG	ALS	VID	8	Video Controller	J
PG	ALS	CRS_SET	9	Course Setter	J

2 Messages

2.1 Message Summary

The general plan for messages in this sport is:

Individual One Run Events

- DT_RESULT for the full event (unit)
- DT_CURRENT during each unit

Individual Two Run Events

- DT_RESULT for each run (unit)
- DT_CURRENT during each unit
- DT_CUMULATIVE_RESULT for overall result of the event

Team Event [if added to the program]

- DT_PARTIC_TEAM for the roster for each team
- DT_RESULT for each run in each heat (unit). Two athletes.
- DT_CURRENT during each unit where win criteria apply
- DT_CUMULATIVE_RESULT for overall result of the heat (multiple runs)
- DT_BRACKETS for the progression in the event

2.2 Applicable Messages

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

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

Message Type	Message name	Message used in this sport	Message extended in this document
DT_SCHEDULE	Competition schedule	X	
DT_SCHEDULE_UPDATE	Competition schedule update	X	
DT_PARTIC	List of participants by discipline	X	X
DT_PARTIC_UPDATE	List of participants by discipline update	X	X
DT_PARTIC_TEAM	List of teams by discipline	X	X
DT_PARTIC_TEAM_UPDATE	List of teams by discipline update	X	X
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	X	X
DT_CURRENT	Current Information	X	X
DT_CUMULATIVE_RESULT	Cumulative Results	X	X
DT_BRACKETS	Brackets	X	X
DT_RANKING	Event Final ranking	X	X
DT_MEDALLISTS	Medallists of one event	X	
DT_MEDALLISTS_DISCIPLINE	Medallists by discipline	X	
DT_COMMUNICATION	Official Communication	X	
DT_LOCAL_ON	Discipline/venue start transmission	X	
DT_LOCAL_OFF	Discipline/venue stop transmission	X	
DT_FED_RANKING	Federation Ranking	X	X
DT_CONFIG	Configuration	X	X
DT_WEATHER	Event Unit Weather conditions	X	X
DT_KA	Keep Alive	X	

2.2.1 List of Participants by Discipline / Update

2.2.1.1 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.

2.2.1.2 Header Values

As defined in the header values document.

2.2.1.3 Trigger and Frequency

Follow the general definition.

2.2.1.4 Message Structure

Optional elements defined for this message in this sport.

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

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

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

Element: Participant /Discipline /RegisteredEvent /EventEntry					
Type	Code	Pos	Value	Description	Expected
ENTRY	RANK_WLD		Numeric ###0	For @Type: Send proposed type For @Code: Send proposed code For @Pos Do not send anything For @Value: FIS Rank of the athlete	When available. In _UPDATE message only. (only generic events are collected in sports entries)
	RANK_PTS		S(6)	For @Type: Send proposed type For @Code: Send proposed code For @Pos Do not send anything For @Value: FIS points (for this event). Send “.” for the competitors who do not have points. Usually in format ##0.00.	When available. In _UPDATE message only (only generic events are collected in sports entries)

2.2.1.6 Message sort

Please, follow the general definition.

2.2.2 List of Teams / Update

2.2.2.1 Description

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

2.2.2.2 Header Values

As defined in the header values document.

2.2.2.3 Trigger and Frequency

Follow the general definition.

2.2.2.4 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.

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

2.2.2.6 Message sort

Please, follow the general definition.

2.2.3 Event Unit Start List and Results

2.2.3.1 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.

2.2.3.2 Header Values

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

For individual events: one message per race (unit).

For team events: one message per run in a heat (effectively a race).

2.2.3.3 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)
- When the competition starts and after every split for the current athlete(s) (LIVE)
- After every athlete has completed the run in individual events even if an athlete is on the course (INTERMEDIATE)
- After the race is finished (UNCONFIRMED / UNOFFICIAL / OFFICIAL) as applicable.
- After any change

2.2.3.4 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

2.2.3.5 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 /ExtendedInfo /Competitor	Organisation	O	CC @Organisation	Add in the extension FORERUNNER if the extension is applicable. Organisation ID of the forerunner
	Order	M	Numeric ##0	Order of the forerunner in the unit.
ExtendedInfos /ExtendedInfo /Competitor /Composition /Athlete	FamilyName	M	S(25)	Family name of the forerunner
	GivenName	O	S(25)	Given name of the forerunner
ExtendedInfos /SportDescription	DisciplineName	M	S(40)	Text description from common codes
	SubEventName	M	S(40)	Text short description of the Event Unit, not code
	Gender	M	CC @DisciplineGender	
ExtendedInfos /VenueDescription	Venue	M	CC @VenueCode	Venue Code
	VenueName	M	S(25)	Text short description, not code
	Location	M	CC @Location	Location Code
	LocationName	M	S(30)	Text short description, not code
Officials /Official	Code	M	S(20) with no leading zeroes	Officials code
	Function	M	CC @ResultsFunction	Officials Function
	Order	O	Numeric	Order of officials.
Result	Rank	O	String	Rank of the competitor in the event unit (not cumulative).
	RankEqual	O	S(1)	Send 'Y' if the rank is equalled else do not send.
	ResultType	O	SC @ResultType	Result type.
	IRM	O	SC @IRM	IRM for the event unit Send only in the case @ResultType is IRM
	Result	O	m:ss.ff	Result for the particular event unit (not cumulative). Send just in the case @ResultType is TIME
	Diff	O	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
	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. 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. Sort order does not change in head-to-head units.
	StartOrder	O	Numeric ##0	The start order of the unit.
	StartSortOrder	M	Numeric ##0	
Result /Competitor /Composition /Athlete	Code	M	S(20) with no leading zeroes	Athlete ID
	Order	M	Numeric	1 in individual events and athlete starting order for teams (1..n).
	Bib	O	Numeric ###0	Bib number.

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

Element: ExtendedInfos /ExtendedInfo						
Type	Code	Extension code	Pos	Value	Description	Expected

Element: ExtendedInfos /ExtendedInfo							
UI	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.	Always	
	GATES_TURNING			Numeric ##0	For @Type: Send proposed type For @Code: Send proposed code For @ Pos: Do not send anything For @Value: Send the number of turning gates	Always except downhill	
	FORERUNNER		Numeric #0	SC @ForerunnerBib	For @Type: Send proposed type For @Code: Send proposed code For @ Pos: Send the sequential number, (1.., to sort the forerunners according to their bib letter For @Value: Forerunners bib letter (in upper case) (e.g.: A, B ...)	Always if forerunner.	
	RULE			Numeric #0	String	For @Type: Send proposed type For @Code: Send proposed code For @ Pos: Sequential number (from 1 to n) for each of reasons for disqualification. (1..n). Used for ordering. For @Value: Rule identifier for which the skier was disqualified (e.g.: "629.3"). (Links to ExtendedResults rule)	If any athletes disqualified with rule reason.
		DESC			String	For @Code: Send proposed code For @ Pos: Do not send anything For @Value: Text of the reason for disqualification (in ENG), (e.g.: "Did not pass through a gate correctly (art. 661.4)")	If any athletes disqualified with rule reason.
	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
		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
	DISPLAY	LAST_COMP			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: Do not send anything.	
					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="59" />
<ExtendedInfo Type="UI" Code="GATES_TURNING" Value="58" />
<ExtendedInfo Type="UI" Code="FORERUNNER" Pos="1" Value="A">
  <Competitor Organisation="RUS">
    <Composition>
      <Athlete FamilyName="ZAYTSEV" GivenName="S." />
    </Composition>
  </Competitor>
</ExtendedInfo>
<ExtendedInfo Type="UI" Code="FORERUNNER" Pos="2" Value="B">
  <Competitor Organisation="RUS">
    <Composition>
      <Athlete FamilyName="NIKITIN" GivenName="P." />
    </Composition>
  </Competitor>
</ExtendedInfo>
.....
    
```

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

Element: Result /ExtendedResults /ExtendedResult						
Type	Code	Extension Code	Pos	Value	Description	Expected
ER	DIFF_M			Numeric ##0.00	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything For @Value: Distance behind the leader (after run) in metres. Do not send for the leader.	When available in speed events
	SPEED_AVG			Numeric ##0.00	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything For @Value: Average speed in km/h	When available in speed events
	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
	RE_RUN			S(1)	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything	If applicable

Element: Result /ExtendedResults /ExtendedResult						
					For @Value: Send "Y" if the competitor is granted a Re-Run else do not send. Do not send after Re-Run complete	
	DSQ_GATE			S(3)	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything For @Value: Gate number at which the competitor was disqualified	If applicable
	RULE			String	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything For @Value: Rule identifier for which the skier was disqualified (e.g.: "629.3"). (Links to ExtendedInfo description.	If applicable
PROGRESS	INTERMEDIATE		S(2)	m:ss.ff	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Intermediate point where the intermediate time is recorded (1, 2...F). For @Value: Cumulative time at the intermediate point in the current run (not cumulative over all runs). Do not send minutes if zero.	When data is available (individual events)
				SC @ResultType	For @ValueType: Send SC @ResultType (TIME)	
				s.ff or -s.ff	For @Diff: The difference behind the 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 consider IRMs.	
				S(1)	For @RankEqual: Send "Y" if rank is equalled, otherwise do not send.	
				Numeric #0	For @SortOrder: Send the order of the competitor at the intermediate point	
		RANK_IRM		S(2)	For @Code: Send proposed code For @Pos: Do not send anything. For @Value: Send the rank of the competitor at the intermediate considering those with IRMs also.	At the end of the unit (individual events)
		ERANK_IRM		S(1)	For @Code: Send proposed code	At the end of the unit

Element: Result /ExtendedResults /ExtendedResult						
					For @Pos: Do not send anything. For @Value: Send "Y" if the rank of the competitor at the intermediate point considering those with IRMs is equalled.	(individual events)
		DIFF_FAST		s.ff	For @Code: Send proposed code For @Pos: Do not send anything For @Value: The difference behind the fastest competitor at this intermediate point not considering IRMs. Send 0.0 for the leader.	When available(individual events)
		DIFF_FAST_IRM		s.ff	For @Code: Send proposed code For @Pos: Do not send anything For @Value: The difference behind the fastest competitor if the fastest did not finish or DQ. Send 0.0 for the leader.	Only if the fastest has an IRM else do not send (individual events). At end of unit .
	SECTION		S(2)	s.ff	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Intermediate point at the end of the section where section time is taken (1, 2... F). For example 2 is the section from intermediate 1 to intermediate 2. For @Value: Time for the section ending at the intermediate point @Pos.	When available(individual events)
				SC @ResultType S(2)	For @ValueType: Send SC @ResultType	
				S(1)	For @Rank: Send the rank of the competitor in the section not considering IRMs For @RankEqual: Send "Y" if rank is equalled, otherwise do not send.	
				Numeric #0	For @SortOrder: Send the order of the competitor in the corresponding section	
		RANK_IRM		S(2)	For @Code: Send proposed code For @Pos: Do not send anything. For @Value: Send the rank of the competitor in the section considering those with IRMs	At the end of the unit (individual events)
		ERANK_IRM		S(1)	For @Code: Send proposed code For @Pos: Do not send anything.	At the end of the unit (individual events)

Element: Result /ExtendedResults /ExtendedResult						
					For @Value: Send "Y" if the rank of the competitor in the section considering those with IRMs is equalled.	
	SPEED		S(2)	Numeric ##0.00	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Speed trap point as defined in DT_CONFIG, 1.. For @Value: Speed at this point in km/h	When available for speed event units. (individual events)
				S(3)	For @ValueType: Send KMH	
				S(2)	For @Rank: Send the speed rank of the competitor at this point not considering IRMs.	
				S(1)	For @RankEqual: Send "Y" if rank is equalled, otherwise do not send. Not considering IRMs.	
				Numeric #0	For @SortOrder: Send the speed order of the competitor	
		RANK_IRM		S(2)	For @Code: Send proposed code For @Pos: Do not send anything. For @Value: Send the speed rank of the competitor considering those with IRMs	
		ERANK_IRM		S(1)	For @Code: Send proposed code For @Pos: Do not send anything. For @Value: Send "Y" if the speed rank of the competitor considering those with IRMs is equalled.	At the end of the unit (individual events)
CRITERIA	WIN		Numeric 0	S(2)	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Order of the criteria For @Value Send "Y" if the criteria is required to win the heat	If applicable (Only in the last run of the Team Event)
		ACHIEVED		S(1)	For @Code: Send the proposed Code For @Pos: Do not send anything For @Value: Send Y or N if the win criteria is met or not	
	FASTER_THAN		Numeric 0	m:ss.ff	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Order of the criteria For @Value: Time required to win the overall Heat	
		ACHIEVED		S(1)	For @Code: Send the proposed Code	

Element: Result /ExtendedResults /ExtendedResult					
					For @Pos: Do not send anything
					For @Value: Send Y or N if the win criteria is met or not (Sent after the 4 th run of the heat)
	FASTER_BY		Numeric 0	s.ff	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Order of the criteria
					For @Diff Send the diff required to win the heat
		ACHIEVED		S(1)	For @Code: Send the proposed Code
					For @Pos: Do not send anything
					For @Value: Send Y or N if the win criteria is met or not (Sent after the 4 th run of the heat)

Sample (Individual Event)

```

.....
<Result Rank="2" ResultType="TIME" Result="1:42.68" Diff="0.04" SortOrder="2"
StartOrder="12" StartSortOrder="12" >
  <ExtendedResults>
    <ExtendedResult Type="ER" Code="DIFF_M" Value="2.17" />
    <ExtendedResult Type="ER" Code="SPEED_AVG" Value="95.12" />
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="1" Value="24.34"
ValueType="TIME" Diff="0.05" Rank="2" SortOrder="2">
      <Extension Code="DIFF_FAST" Value="0.19" />
    </ExtendedResult>
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="2" Value="41.68"
ValueType="TIME" Diff="0.11" Rank="5" RankEqual="Y" SortOrder="5">
      <Extension Code="DIFF_FAST" Value="0.35" />
    </ExtendedResult>
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="3" Value="56.04"
ValueType="TIME" Diff="-0.13" Rank="1" SortOrder="1">
      <Extension Code="DIFF_FAST" Value="0.00" />
    </ExtendedResult>
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="4" Value="1:13.26"
ValueType="TIME" Diff="0.07" Rank="2" SortOrder="2">
      <Extension Code="DIFF_FAST" Value="0.11" />
    </ExtendedResult>
    <ExtendedResult Type="PROGRESS" Code="SECTION" Pos="2" Value="17.34"
ValueType="TIME" Rank="10" SortOrder="10" />
    <ExtendedResult Type="PROGRESS" Code="SECTION" Pos="3" Value="14.36"
ValueType="TIME" Rank="1" SortOrder="1" />
    <ExtendedResult Type="PROGRESS" Code="SECTION" Pos="4" Value="17.22"
ValueType="TIME" Rank="3" SortOrder="3" />
    <ExtendedResult Type="PROGRESS" Code="SECTION" Pos="F" Value="29.42"
ValueType="TIME" Rank="1" SortOrder="1" />
    <ExtendedResult Type="PROGRESS" Code="SPEED" Pos="1" Value="97.65" ValueType="KMH"
Rank="9" SortOrder="9" />
    <ExtendedResult Type="PROGRESS" Code="SPEED" Pos="2" Value="99.11" ValueType="KMH"
Rank="5" SortOrder="5" />
  </ExtendedResults>
  <Competitor Code="2024039" Type="A" Organisation="GER" >
    <Composition>
      <Athlete Code="2024039" Order="1" Bib="22">
        <Description GivenName="John" FamilyName="Smith" Gender="M" Organisation="GER"
BirthDate="1994-12-15" />
      </Athlete>
    </Composition>
  </Competitor>
</Result>
.....

```

Sample (Heat in a Team Event)

```

.....
<Result Rank="2" ResultType="TIME" Result="42.68" Diff="0.04" SortOrder="1"
StartOrder="1" StartSortOrder="1" WLT="L">
  <Competitor Code="2024039" Type="A" Organisation="GER" >
    <Composition>
      <Athlete Code="2024039" Order="1" Bib="11">
        <Description GivenName="Johana" FamilyName="Smith" Gender="W" Organisation="GER"
        BirthDate="1994-12-15" IFId="223231"/>
      </Athlete>
    </Composition>
  </Competitor>
</Result>
<Result Rank="1" ResultType="TIME" Result="42.64" Diff="0.00" SortOrder="2"
StartOrder="2" StartSortOrder="2" WLT="W">
  <Competitor Code="1106860" Type="A" Organisation="GER" >
    <Composition>
      <Athlete Code="1106860" Order="1" Bib="81">
        <Description GivenName="Lara" FamilyName="Gut" Gender="W" Organisation="SUI"
        BirthDate="1994-12-15" IFId="223241"/>
      </Athlete>
    </Composition>
  </Competitor>
</Result>
.....

```

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

Element: Result /Competitor /Composition /Athlete /EventUnitEntry					
Type	Code	Pos	Value	Description	Expected
EUE	SNOWSEED		S(1)	For @Type: Send proposed type	If applicable in individual events
				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.	

2.2.3.6 Message sort

Sort by Result @SortOrder

2.2.4 Current Information

2.2.4.1 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. If the message is merged there is be conflicts where multiple people can have the same intermediate rank and the full DT_RESULT is only updated after each athlete.

2.2.4.2 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 run in individual events.

2.2.4.3 Trigger and Frequency

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

- Individual Events
 - At any time a competitor starts. (This athlete will be considered current along with any others already on the course) and there will be a new “next” (unless last athlete).
 - Immediately after every addition/change in data during the run.
 - Immediately after each competitor completes the course and the data is available. (must be sent so a new leader receives a negative time relative to current leader).

Each message will only include the athletes currently on the course and the one to follow (“Next”); this is usually not more than three athletes.

2.2.4.4 Message Structure

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

- Result /ExtendedResults /ExtendedResult

2.2.4.5 Message Values

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

Element	Attribute	M/O	Value	Comments
Result	Rank	O	String	Rank of the competitor in the event unit (not cumulative).
	RankEqual	O	S(1)	Send ‘Y’ if the rank is equalled else do not send.
	ResultType	O	SC @ResultType	Result type.
	IRM	O	SC @IRM	IRM for the event unit Send only in the case @ResultType is IRM
	Result	O	m:ss.ff	Result. Either single run of is this is the second run then the result is the time over both runs. Send just in the case @ResultType is TIME
	Diff	O	m:ss.ff	Time behind leader based on the result (only for those with a result). 0.00 for the leader. Do not send leading zeros.
	SortOrder	M	Numeric	Order by start order for the competitors in the file (1, 2, 3..). 1= the athlete most advanced on the course etc.
	StartOrder	O	Numeric	The start order of the unit
Result /Competitor /Composition /Athlete	StartSortOrder	M	Numeric	Same as SortOrder
	Code	M	S(20) with no leading zeroes	Athlete ID
	Order	M	Numeric	
	Bib	O	Numeric ###0	Bib number.

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

Element: ExtendedInfos /ExtendedInfo						
Type	Code	Extension code	Pos	Value	Description	Expected
UI	LEADER_TIME		S(2)	m:ss.ff	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Intermediate point where the intermediate time is recorded (1, 2...F). Include F for finishing time of the leader. Also if this unit is the second run then send "S" as the first value to provide the time of the leader before the start of current run. For @Value: Cumulative time at the intermediate point (or S,F) in the current run. If this is the second run then this will be the cumulative time of all runs. Do not send minutes if zero.	Always in individual events
DISPLAY	CURRENT		Numeric 0	S(20) without leading zeroes	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Send the order of the athletes currently on the course, 1 for the one nearer the finish line. For @Value: Send the competitor ID of the current or about to start competitor.	When available in individual events
	NEXT			S(20) without leading zeroes	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything. For @Value: Send the competitor ID of the next competitor to start.	When available in individual events

Sample

```

.....
<ExtendedInfos>
<ExtendedInfo Type="EI" Code="LEADER_TIME" Pos="S" Value="58.62" />
<ExtendedInfo Type="EI" Code="LEADER_TIME" Pos="1" Value="1:07.95" />
<ExtendedInfo Type="EI" Code="LEADER_TIME" Pos="2" Value="1:24.00" />
<ExtendedInfo Type="EI" Code="LEADER_TIME" Pos="3" Value="1:41.84" />
<ExtendedInfo Type="EI" Code="LEADER_TIME" Pos="F" Value="1:58.24" />
</ExtendedInfos>
.....
    
```

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

Element: Result /ExtendedResults /ExtendedResult						
Type	Code	Extension Code	Pos	Value	Description	Expected
ER	RE_RUN			S(1)	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything	If applicable

Element: Result /ExtendedResults /ExtendedResult							
					For @Value: Send "Y" if the competitor is a Re-Run athlete else do not send. Do not send after Re-Run complete		
PROGRESS	INTERMEDIATE		S(2)	m:ss.ff	For @Type: Send proposed type	When data is available	
					For @Code: Send proposed code		
					For @Pos: Intermediate point where the intermediate time is recorded (S, 1, 2...F). Always send "S" to indicate the athlete started.		
					For @Value: Cumulative time at the intermediate point in the current run (if this is the second run this is the cumulative time considering the first run also). Do not send minutes if zero.		
					SC @ResultType		For @ValueType: Send SC @ResultType
					s.ff or -s.ff		For @Diff: The difference behind the race leader at this intermediate point (considering all runs). Send as negative if faster than race leader.
					S(2)		For @Rank: Send the rank of the competitor at the intermediate point
			S(1)		For @RankEqual: Send "Y" if rank is equalled, otherwise do not send.		
SPEED			S(2)	Numeric ##0.00	For @Type: Send proposed type	When available in speed units	
					For @Code: Send proposed code		
					For @Pos: Speed trap point as defined in DT_CONFIG, 1..		
					For @Value: Speed at this point in km/h		
					S(3)		For @ValueType: Send KMH
					Numeric +/-#0.00		For @Diff: The difference in speed behind the race leader at this speed trap. Send as negative if faster than race leader.
					S(2)		For @Rank: Send the speed rank of the competitor at this point
			S(1)		For @RankEqual: Send "Y" if rank is equalled, otherwise do not send.		

Sample

```

.....
<Result Rank="2" ResultType="TIME" Result="1:42.68" Diff="0.04" SortOrder="2"
StartOrder="12" StartSortOrder="12" >
  <Competitor Code="2024039" Type="A" Organisation="GER" >
    <Composition>
      <Athlete Code="2024039" Order="1" Bib="22">
        <ExtendedResults>
          <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="1" Value="24.34"
ValueType="TIME" Diff="0.05" Rank="2" SortOrder="2" />
          <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="2" Value="41.68"
ValueType="TIME" Diff="0.11" Rank="5" RankEqual="Y" SortOrder="5" />
          <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="3" Value="56.04"
ValueType="TIME" Diff="-0.13" Rank="1" SortOrder="1" />
          <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="4" Value="1:13.26"
ValueType="TIME" Diff="0.07" Rank="2" SortOrder="2" />
          <ExtendedResult Type="PROGRESS" Code="SPEED" Pos="1" Value="97.65"
ValueType="KMH" Rank="9" SortOrder="9" />
          <ExtendedResult Type="PROGRESS" Code="SPEED" Pos="2" Value="99.11"
ValueType="KMH" Rank="5" SortOrder="5" />
        </ExtendedResults>
      </Athlete>
    </Composition>
  </Competitor>
</Result>
.....

```

2.2.4.6 Message sort

Sort by Result @StartSortOrder

2.2.5 Cumulative Results

2.2.5.1 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.

- for Individual Events (with more than one unit/run) and;
- for each heat of the Team Event.

The Cumulative Results message only is provided for events which have more than one event unit (run) which accumulate for the overall result in the event.

2.2.5.2 Header Values

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

For individual events the cumulative message is for an event.

For the team event, the cumulative message is for an each heat (made up of a series of runs).

The DocumentSubtype attribute in the ODF header will indicate the last unit included (either during or after).

Note that this message is not applicable to training or trials.

2.2.5.3 Trigger and Frequency

- Send after each competitor completes each run including the first run (LIVE)
- Send after the last unit is complete (UNCONFIRMED / UNOFFICIAL / OFFICIAL as appropriate)

2.2.5.4 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 /ExtendedResults /ExtendedResult /Extension
- Result /ResultItems /ResultItem

2.2.5.5 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 /SportDescription	DisciplineName	M	S(40)	Text description from common codes
	EventName	M	S(40)	Text short description, not code
	Gender	M	CC @DisciplineGender	
ExtendedInfos /VenueDescription (only include if a single venue is used for the entire event)	Venue	M	CC @VenueCode	Venue code
	VenueName	M	S(25)	Text short description, not code
Result	Rank	O	S(3)	Rank of the competitor in the cumulative result. Do not include the rank during the second and subsequent units until the competitor has completed the unit. This attribute is optional because the competitor could get an invalid rank mark. Do not send rank for losing competitor in team match.

Element	Attribute	M/O	Value	Comments
	RankEqual	O	S(1)	Send Y in case of the Rank has been equalled else do not send. Do not include the rank during the second and subsequent units until the competitor has completed the unit. This attribute is optional because the competitor could get an invalid rank mark.
	ResultType	O	SC @ResultType	Result type
	IRM	O	SC @IRM	IRM for the cumulative result Send just in the case @ResultType is IRM
	Result	O	m:ss.ff (individual events) or Numeric 0 (team event)	Cumulative result Send when the @ResultType is TIME or POINTS
	Diff	O	m:ss.ff	Total time behind leader. 0.00 for the leader. Do not send leading zeros. Do not send if @ResultType = IRM or in the team event.
	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.
	QualificationMark	O	SC @QualificationMark	When the team is the winner of the heat and qualified and it can't change anymore (Q) or when the team lost but advances to small final (q) For Team Event Only
Result /ResultItems /ResultItem	Unit	M	CC @Unit	Full RSC of the unit
Result /ResultItems /ResultItem /Result	Rank	O	S(3)	Rank of the competitor in the result for the unit identified by /ResultItems /ResultItem.
	RankEqual	O	S(1)	Send Y in case of the Rank has been equalled else do not send.
	ResultType	O	SC @ResultType	Type of the @Result attribute for the event unit or phase identified by /ResultItems /ResultItem
	Result	O	m:ss.ff	The result of the competitor for the event unit identified by /ResultItems /ResultItem Send when the @ResultType is TIME
	Diff	O	m:ss.ff	Time behind leader in the referenced unit (only for those with a result). 0.00 for the leader. Do not send leading zeros.
	IRM	O	SC @IRM	The invalid rank mark, in case it is assigned for the event unit. Send in the case @ResultType is IRM
	SortOrder	M	Numeric #0	Used to sort all results in an event unit identified by /ResultItems /ResultItem
	WLT	O	SC @WLT	Code to indicate if the team won, lost or tied the result item. For Team Event Only
Result /Competitor /Composition /Athlete	Code	M	S(20) with no leading zeroes	Athlete's ID
	Order	M	Numeric	
	Bib	O	S(4)	Athlete's bib number.

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

Element: Result /ExtendedResults /ExtendedResult						
Type	Code	Extension Code	Pos	Value	Description	Expected
ER	WLT			SC @WLT	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything	In team events at the completion of the unit

Element: Result /ExtendedResults /ExtendedResult						
PROGRESS	INTERMEDIATE		S(2)	m:ss.ff	For @Value: Send appropriate code For @Type: Send proposed type For @Code: Send proposed code For @Pos: Intermediate point where the intermediate time is recorded (1, 2...F). For @Value: Cumulative time (inc. previous runs) at the intermediate point in the second run. Do not send minutes if zero.	When data is available in individual events with more than one run.
				SC @ResultType	For @ValueType: Send SC @ResultType	
				S(2)	For @Rank: Send the rank of the competitor at the intermediate point	
				S(1)	For @RankEqual: Send "Y" if rank is equalled, otherwise do not send.	
				m:ss.ff	For @Diff: Total time behind the current overall event leader at this intermediate point. 0.00 for the leader. Do not send leading zeros.	
				Numeric #0	For @SortOrder: Send the order of the competitor at the intermediate point	
				TIE_BREAK	TIME	
				SC @ResultType	For @ValueType: Send TIME	
				s.ff	For @Diff Tie break Time gap (Team Event). Should be the tie-break time gap of the combined time or the fastest single time depending on the criteria which breaks the tie. (used for the loser of the Tie-Break in case of broken by time). Send 0.0 for the winner.	
	BOARD_RANK			S(3)	For @Type: Send proposed type For @Code: Send proposed code	If applicable (Only for Team Event)

Element: Result /ExtendedResults /ExtendedResult			
			For @Pos: Do not send anything For @Value Tie break Rank on the board (Team Event). Rank on the board depending on the criteria which breaks the tie.
			Always sent if Tie-break by Board Rank

Sample (Individual two run event)

```

.....
<Result Rank="1" ResultType="TIME" Result="2:36.87" SortOrder="1" Diff="0.00" >
  <ExtendedResults>
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="1" Rank="2" SortOrder="2"
    Value="1:45.65" ValueType="TIME" Diff="0.04" />
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="2" Rank="1" SortOrder="1"
    Value="2:04.68" ValueType="TIME" Diff="0.00" />
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="3" Rank="1" SortOrder="1"
    Value="2:19.81" ValueType="TIME" Diff="0.00" />
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="4" Rank="1" SortOrder="1"
    Value="2:36.87" ValueType="TIME" Diff="0.00" />
  </ExtendedResults>
  <ResultItems>
    <ResultItem Unit="ALPMAC-----FNL-0001DH--">
      <Result Rank="1" ResultType="TIME" Result="1:17.88" SortOrder="1" Diff="0.00" />
    </ResultItem>
    <ResultItem Unit=" ALPMAC-----FNL-0001SL--">
      <Result Rank="11" ResultType="TIME" Result="1:18.99" SortOrder="11" Diff="0.35" />
    </ResultItem>
  </ResultItems>
  <Competitor Code="2041843" Type="A" Organisation="GER" >
    <Composition>
      <Athlete Code="2041843" Order="1" Bib="1">
        <Description GivenName="John" FamilyName="Smith" Gender="M" Organisation="GER"
        BirthDate="1994-12-15" />
      </Athlete>
    </Composition>
  </Competitor>
</Result>
.....
    
```

Sample (Team Event)

```

.....
<Result Rank="1" ResultType="POINT" Result="4" SortOrder="1" QualificationMark="Q">
  <ExtendedResults>
    <ExtendedResult Type="TIE_BREAK" Code="TIME" Value="35.38" ValueType="TIME"
Diff="0.00" />
  </ExtendedResults>
  <ResultItems>
    <ResultItem Unit="ALPMPPLTeam4-----QFNL000101--">
      <Result Rank="1" ResultType="TIME" Result="17.88" SortOrder="1" Diff="0.00"
WLT="W" />
    </ResultItem>
    <ResultItem Unit="ALPMPPLTeam4-----QFNL000102--">
      <Result Rank="1" RankEqual="Y" ResultType="TIME" Result="18.99" SortOrder="1"
Diff="0.00" WLT="W" />
    </ResultItem>
    <ResultItem Unit="ALPMPPLTeam4-----QFNL000103--">
      <Result Rank="1" ResultType="TIME" Result="16.99" SortOrder="1" Diff="0.00"
WLT="W" />
    </ResultItem>
    <ResultItem Unit="ALPMPPLTeam4-----QFNL000104--">
      <Result Rank="1" ResultType="TIME" Result="17.99" SortOrder="1" Diff="0.00"
WLT="W" />
    </ResultItem>
  </ResultItems>
  <Competitor Code="ALPXPLTeam4--SUI01" Type="T" Organisation="SUI" Bib="8">
    <Description TeamName="Switzerland"/>
    <Composition>
      <Athlete Code="1106860" Order="1" Bib="81">
        <Description GivenName="Lara" FamilyName="Gut" Gender="W" Organisation="SUI"
BirthDate="1994-12-15" IFId="223241"/>
      </Athlete>
      <Athlete Code="1106861" Order="2" Bib="82">
        <Description GivenName="Beat" FamilyName="Feuz" Gender="M" Organisation="SUI"
BirthDate="1994-12-14" IFId="223242"/>
      </Athlete>
      <Athlete Code="1106863" Order="3" Bib="88">
        <Description GivenName="Lara" FamilyName="Thomas" Gender="W" Organisation="SUI"
BirthDate="1994-12-13" IFId="223222"/>
      </Athlete>
      <Athlete Code="1106864" Order="4" Bib="89">
        <Description GivenName="Jenny" FamilyName="Low" Gender="M" Organisation="SUI"
BirthDate="1994-12-12" IFId="223211"/>
      </Athlete>
    </Composition>
  </Competitor>
</Result>
.....

```

2.2.5.6 Message sort

Please, follow the general definition.

2.2.6 Brackets

2.2.6.1 Description

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

2.2.6.2 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).

This message is only used in the Team Event.

2.2.6.3 Trigger and Frequency

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

- After event heat (team vs team, not each run) is complete (INTERMEDIATE)
- After the last final (UNOFFICIAL/OFFICIAL)

2.2.6.4 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
- Bracket /BracketItems /BracketItem
- Bracket /BracketItems /BracketItem ExtBracketItems / ExtBracketItems
- Bracket /BracketItems /BracketItem /CompetitorPlace /Competitor /Composition /Athlete
- Bracket /BracketItems /BracketItem /CompetitorPlace /Competitor /Composition /Athlete / ExtBracketAths / ExtBracketAth

2.2.6.5 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.

Element	Attribute	M/O	Value	Comments
ExtendedInfos /SportDescription	DisciplineName	M	S(40)	Text description from common codes
	EventName	M	S(40)	Text short description, not code
	Gender	M	CC @DisciplineGender	
ExtendedInfos /VenueDescription	Venue	M	CC @VenueCode	Venue code
	VenueName	M	S(25)	Text short description, not code
	Location	M	CC @Location	Location Code (only if only one location is used)
	LocationName	M	S(30)	Text short description, not code
Bracket	Code	M	SC @Bracket	Bracket code to identify a bracket item. (FNL except BRN for the small final)
Bracket / BracketItems	Code	M	SC @BracketItems	Bracket code to identify a set of bracket items
Bracket /BracketItems /BracketItem	Code	O	Numeric #0	Heat or semifinal number within the bracket item
	Order	M	Numeric #0	Sequential number inside of BracketItems to indicate the order, always start at 1
	Date	O	Date	Date of BracketItem (example: YYYY-MM-DD). Must include if the data is available.
	Time	O	S(5)	Time of the BracketItem (example HH:MM) Must include if the data is available.
	Unit	O	CC @Unit	Full RSC of the unit.
	Result	O	S(50)	Not used in this discipline
	NextUnit	O	CC @Unit	Full RSC of the unit where successful competitors will progress
NextUnitLoser	O	CC @Unit	Full RSC of the unit where unsuccessful competitors will progress (only applies in semifinals)	

Element	Attribute	M/O	Value	Comments
Bracket /BracketItems /BracketItem /CompetitorPlace	Pos	M	Numeric 0	This attribute is a sequential number to place the different competitors in the bracket (1 or 2).
	Code	O	SC @CompetitorPlace	If there is no competitor (BYE) or when it is not known yet (TBD) or when both athletes are disqualified or Withdraw (NCT)
	WLT	O	S(1)	W or L, indicates the winner or loser of the bracket item. Always send when known.
Bracket /BracketItems /BracketItem /CompetitorPlace /PreviousUnit	Unit	O	CC @Unit	Full RSC of the unit where the competitor progress from. Does not apply in the first phase.
Bracket /BracketItems /BracketItem /CompetitorPlace /Competitor	Code	M	S(20) with no leading zeroes	Competitor ID
	Type	M	S(1)	T for Team
	Organisation	O	CC @Organisation	Competitors' organisation if known
Bracket /BracketItems /BracketItem /CompetitorPlace /Competitor /Composition /Athlete	Code	M	S(20) with no leading zeroes	Competitor ID. (Only include athletes after the unit is complete)
	Order	M	Numeric 0	Order attribute used to sort team members in a team (if Competitor @Type="T") or 1 if Competitor @Type="A". After each run it will be the order in which the athletes participated (run order)

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

Element: CompetitorPlace /ExtCompPlaces /ExtCompPlace					
Type	Code	Pos	Value	Description	Expected
ECP	RESULT		Numeric 0	For @Type: Send proposed type	Always unless IRM
				For @Code: Send proposed code	
				For @Pos: Do not send anything	
IRM			SC @IRM	For @Value: Send the team points	If applicable
				For @Type: Send proposed type	
				For @Code: Send proposed code	
TIME			m:ss.ff	For @Pos: Do not send anything	When applicable
				For @Value: Send applicable code.	
				For @Type: Send proposed type	
DIFF			s.ff	For @Code: Send proposed code	When applicable
				For @Type: Send proposed type	
				For @ Pos: Do not send anything	

Element: CompetitorPlace /ExtCompPlaces /ExtCompPlace					
				For @Value: Tie break Time gap. Should be the tie-break time gap of the combined time or the fastest single time depending on the criteria which breaks the tie. (used for the loser of the Tie-Break in case of broken by time). Send 0.0 for the winner.	

The following table describes in more detail the CompetitorPlace /Competitor /Composition /Athlete /ExtBracketAths /ExtBracketAth element

Element: CompetitorPlace /Competitor /Composition /Athlete /ExtBracketAths /ExtBracketAth					
Type	Code	Pos	Value	Description	Expected
EBA	RESULT	Numeric 0	m:ss.ff	For @Type: Send proposed type	If the competitor won the run, unless IRM
				For @Code: Send proposed code	
				For @Pos: Send the Run number	
				For @Value: Send the time for the winning athlete.	
	DIFF	Numeric 0	s.ff	For @Type: Send proposed type	If the competitor lost the run, unless IRM
				For @Code: Send proposed code	
				For @Pos: Send the Run number	
				For @Value: Time behind winner. Send 0.00 for the winner.	
	IRM	Numeric 0	SC @IRM	For @Type: Send proposed type	If applicable
				For @Code: Send proposed code	
				For @Pos: Send the Run number	
				For @Value: Send applicable code.	

Sample

```

.....
<Bracket Code="FNL">
  <BracketItems Code="QFL">
    <BracketItem Code="1" Order="1" Time="13:20" Date="2018-02-16" Unit="ALSMPLTeam4-
-----QFNL0001-----" NextUnit=" ALSMPLTeam4-----SFNL0001-----">
      <CompetitorPlace Pos="1" WLT="W">
        <ExtCompPlaces>
          <ExtCompPlace Type="ECP" Code="RESULT" Value="3" />
        </ExtCompPlaces>
        <PreviousUnit Unit=" ALSMPLTeam4-----8FNL0001-----"/>
        <Competitor Code="ALSXPLTeam4--SUI01" Type="T" Organisation="SUI">
          <Description TeamName="Switzerland"/>
          <Composition>
            <Athlete Code="2031721" Order="1" >
              <Description GivenName="DJ" FamilyName="Brown" Gender="M" Organisation="SUI"
BirthDate="1992-12-14" />
              <ExtBracketAths>
                <ExtBracketAth Type="EBA" Code="RESULT" Value="23.59" />
              </ExtBracketAths>
            </Athlete>
            <Athlete Code="2031624" Order="2" >
              <Description GivenName="John" FamilyName="Lee" Gender="M" Organisation="SUI"
BirthDate="1994-12-15" />
              <ExtBracketAths>
                <ExtBracketAth Type="EBA" Code="RESULT" Value="22.50" />
              </ExtBracketAths>
            </Athlete>
            <Athlete Code="2031626" Order="3" >
              <Description GivenName="John" FamilyName="Kwan" Gender="M"
Organisation="SUI" BirthDate="1993-12-15" />
              <ExtBracketAths>
                <ExtBracketAth Type="EBA" Code="RESULT" Value="24.04" />
              </ExtBracketAths>
            </Athlete>
            <Athlete Code="2031721" Order="4" >
              <Description GivenName="John" FamilyName="Ko" Gender="M" Organisation="SUI"
BirthDate="1992-12-15" />
              <ExtBracketAths>
                <ExtBracketAth Type="EBA" Code="DIFF" Value="0.15" />
              </ExtBracketAths>
            </Athlete>
          </Composition>
        </Competitor>
      </CompetitorPlace>
    </BracketItem>
  </BracketItems>
</Bracket>
.....

```

2.2.6.6 Message sort

Please, follow the general definition.

2.2.7 Event Final Ranking

2.2.7.1 Description

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

2.2.7.2 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).

One message is sent for each event and in addition one message for the speed unit in the Alpine Combined.

2.2.7.3 Trigger and Frequency

Please, follow the general definition.

2.2.7.4 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
- Result /ExtendedResults /ExtendedResult

2.2.7.5 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 /SportDescription	DisciplineName	M	S(40)	Text description from common codes
	EventName	M	S(40)	Text short description, not code
	Gender	M	CC @DisciplineGender	
ExtendedInfos /VenueDescription	Venue	M	CC @VenueCode	Venue Code
	VenueName	M	S(25)	Text short description, not code
Result	Rank	O	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	O	S(1)	Send Y if the rank is equalled, else do not send
	Result	O	m:ss.ff	Time if ResultType is TIME Only include in individual events.
	ResultType	O	SC @ResultType	Result type, for the corresponding event, mandatory if Result or IRM is included.
	IRM	O	SC @IRM	Send if the competitor has an IRM
	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 ExtendedInfos /ExtendedInfo element.

Element: ExtendedInfos /ExtendedInfo					
Type	Code	Pos	Value	Description	Expected
FIS_CALC	A		Numeric ##0.00	For @Type: Send proposed type For @Code: Send proposed code For @Pos Do not send anything	When available in individual events

Element: ExtendedInfos /ExtendedInfo					
				For @Value: Total FIS Points of the best 5 competitors who finished in the top 10 (A) of this race. In case of the first run of event Alpine Combined (e.g.: for ACDH), the "top 10 finish" is considered for the best 5 competitors who have finished both AC runs.	
B		Numeric ##0.00		For @Type: Send proposed type For @Code: Send proposed code For @Pos Do not send anything For @Value: Total FIS Points of the best 5 competitors at Start (B)	When available in individual events
C		Numeric ##0.00		For @Type: Send proposed type For @Code: Send proposed code For @Pos Do not send anything For @Value: Total FIS Points of corresponding (the best 5) competitors (C) from this race.	When available in individual events
CALC_ABC		Numeric +/-#0.000		For @Type: Send proposed type For @Code: Send proposed code For @Pos Do not send anything For @Value: Total calculated penalty (A+B-C)/10 (i.e.: (A plus B minus C) divided by 10)	When available in individual events
CALC_ABC_ROUND		Numeric +/-#0.00		For @Type: Send proposed type For @Code: Send proposed code For @Pos Do not send anything For @Value: Total calculated penalty rounded	When available in individual events
CATEGORY_ADD		Numeric ##0.00		For @Type: Send proposed type For @Code: Send proposed code For @Pos Do not send anything For @Value: Category adder	When available in individual events
Z		Numeric ##0.00		For @Type: Send proposed type For @Code: Send proposed code For @Pos Do not send anything For @Value: Correction value (Z)	When available in individual events
PTY_CALC		Numeric +/-##0.0		For @Type: Send proposed type For @Code: Send proposed code For @Pos Do not send anything For @Value: Calculated penalty	When available in individual events
PTY_APPL		Numeric ##0.00		For @Type: Send proposed type For @Code: Send proposed code For @Pos Do not send anything	When available in individual events

Element: ExtendedInfos /ExtendedInfo					
				For @Value: Penalty applied	
	F_FACTOR		Numeric ###0	For @Type: Send proposed type	When available in individual events
				For @Code: Send proposed code	
				For @Pos Do not send anything	
				For @Value: F-factor	

Sample

```

.....
<ExtendedInfos>
<ExtendedInfo Type="FIS_CALC" Code="B" Value="6.64" />
<ExtendedInfo Type="FIS_CALC" Code="A" Value="8.98" />
<ExtendedInfo Type="FIS_CALC" Code="C" Value="23.19" />
<ExtendedInfo Type="FIS_CALC" Code="CALC_ABC" Value="-0.757" />
<ExtendedInfo Type="FIS_CALC" Code="CALC_ABC_ROUND" Value="-0.76" />
<ExtendedInfo Type="FIS_CALC" Code="CATEGORY_ADD" Value="0.00" />
<ExtendedInfo Type="FIS_CALC" Code="Z" Value="0.00" />
<ExtendedInfo Type="FIS_CALC" Code="PTY_CALC" Value="-0.76" />
<ExtendedInfo Type="FIS_CALC" Code="PTY_APPL" Value="0.00" />
<ExtendedInfo Type="FIS_CALC" Code="F_FACTOR" Value="1070" />
<SportDescription DisciplineName="Alpine Skiing" EventName="Ladies' Alpine Combined"
Gender="W" />
<VenueDescription Venue="ABC" VenueName="Jeongseon" />
</ExtendedInfos>
.....
    
```

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

Element: Result /ExtendedResults /ExtendedResult					
Type	Code	Pos	Value	Description	Expected
ER	DIFF		m:ss.ff	For @Type: Send proposed type For @Code: Send proposed code For @Pos Do not send anything For @Value: Time difference behind leader or 0.00 for leader. Do not send leading zero. (in the case @ResultType is TIME)	Always in individual events
	RACE_PTS		Numeric ##0.00	For @Type: Send proposed type For @Code: Send proposed code For @Pos Do not send anything For @Value: Race points earned for each ranked competitor (in the case @ResultType is TIME)	Always in individual events
	BEST_START		Numeric 0	For @Type: Send proposed type For @Code: Send proposed code For @Pos Do not send anything For @Value: Indicator of the best 5 skiers according to their FIS points at the start of the event. 1..5	Only for the best 5 skiers at start of the event in individual events

Sample (individual)

```

.....
<Result Rank="2" ResultType="TIME" Result="2:35.02" SortOrder="2">
  <ExtendedResults>
    <ExtendedResult Type="ER" Code="DIFF" Value="0.40" />
    <ExtendedResult Type="ER" Code="RACE_PTS" Value="2.77" />
    <ExtendedResult Type="ER" Code="BEST_START" Value="2" />
  </ExtendedResults>
  <Competitor Code="2023550" Type="A" Organisation="GER" >
    <Composition>
      <Athlete Code="2023550" Order="1" Bib="16">
        <Description GivenName="John" FamilyName="Smith" Gender="M" Organisation="GER"
        BirthDate="1994-12-15" />
      </Athlete>
    </Composition>
  </Competitor>
</Result>
.....

```

Sample (team)

```

.....
<Result Rank="2" SortOrder="2">
  <Competitor Code="ALSXPLTeam4--SUI01" Type="T" Organisation="SUI" >
    <Composition>
      <Athlete Code="2023550" Order="1" Bib="16">
        <Description GivenName="John" FamilyName="Smith" Gender="M" Organisation="SUI"
        BirthDate="1994-12-15" />
      </Athlete>
    </Composition>
  </Competitor>
</Result>
.....

```

2.2.7.6 Message sort

Please, follow the general definition

2.2.8 Federation Ranking

2.2.8.1 Description

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

2.2.8.2 Header Values

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

One message for each event with World Cup Standings

One message for the overall World Cup Standings

2.2.8.3 Trigger and Frequency

- As soon as the venue results system is operational
- After each event is official

2.2.8.4 Message Structure

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

- ExtendedInfos /DateTime
- ExtendedInfos /SportDescription
- Rankings /ExtendedInfos /ExtendedInfo
- Rankings /ExtendedInfos /ListComp
- Rankings /Ranking /ExtRanking /ListComp
- Rankings /Ranking /ExtRanking /ExtRank
- Rankings /Ranking /Competitor /Composition /Athlete

2.2.8.5 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 /DateTime	Update	M	Date	Date of the Rankings, may be different to the date of the message.
ExtendedInfos /SportDescription	DisciplineName	M	S(40)	Text description from common codes
Rankings	Code	M	RSC	RSC of the Discipline or Event as applicable
	Description	M	S(40)	Text short description, not code
Rankings /ExtendedInfos /ListComp (for individual events only)	Date	M	Date	Date when the related competition took place (starting date).
	Place	O	S(40)	Place when the related competition took place.
	Country	O	CC @Country	Country when the related competition took place.
	Pos	M	Numeric ##0	Order for the related competitions
Rankings /Ranking	Rank	M	S(4)	Rank of the competitor
	RankEqual	O	S(1)	Send 'Y' if the rank is equalled else do not send.
	Value	O	S(5)	Points value. '-' for no value.
	ValueType	O	SC @ResultType	Result type (POINTS)
Rankings /Ranking /ExtRanking /ListComp (for individual events only)	SortOrder	M	Numeric ###0	Order over all rankings considering equals etc.
	Value	M	S(3)	Points value in the related competition (could be '-')
	ValueType	M	SC @ResultType	Result type (POINTS)
Rankings /Ranking /ExtRanking /ListComp (for individual events only)	Pos	M	Numeric ##0	Link to the competition Rankings /ExtendedInfos /ListComp @Pos
	Code	M	S(20) with no leading zeroes	Athlete ID
Rankings /Ranking /Competitor /Composition /Athlete	Order	M	Numeric 0	

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

Element: Rankings /ExtendedInfos /ExtendedInfo						
Type	Code	Extension code	Pos	Value	Description	Expected
TOP	CC @Organisation		Numeric ##0	Numeric ##0	For @Type: Send proposed type For @Code: Send proposed code For @ Pos: Order of organisations For @Value: Number of athletes from this organisation	Only for individual event rankings
TOTAL	COMPETITOR			Numeric ##0	For @Type: Send proposed type For @Code: Send proposed code For @ Pos: Do not send anything For @Value: Number of competitors in the list	Always
	NOC			Numeric ##0	For @Type: Send proposed type For @Code: Send proposed code For @ Pos: Do not send anything For @Value: Number of NOCs in the list	Always

Sample (Individual Event)

```

.....
<Rankings Code="ALSMDH-----" Description="Men's Downhill" >
  <ExtendedInfos>
    <ExtendedInfo Type="TOTAL" Code="COMPETITOR" Value="143" />
    <ExtendedInfo Type="TOTAL" Code="NOC" Value="57" />
    <ExtendedInfo Type="TOP" Code="AUT" Pos="1" Value="13" />
    <ExtendedInfo Type="TOP" Code="SUI" Pos="2" Value="11" />
    <ListComp Date="2013-11-30" Place="Lake Louise" Country="CAN" Pos="1" />
    <ListComp Date="2013-12-06" Place="Beaver Creek" Country="USA" Pos="2" />
    <ListComp Date="2013-12-21" Place="Val Gardena" Country="ITA" Pos="3" />
    <ListComp Date="2013-12-29" Place="Bormio" Country="ITA" Pos="4" />
    <ListComp Date="2014-01-18" Place="Wengen" Country="SUI" Pos="5" />
    <ListComp Date="2014-02-09" Place="Rosa Khutor" Country="RUS" Pos="6" />
  </ExtendedInfos>
.....
    
```

Sample (Overall)

```

.....
<Rankings Code="ALSW-----" Description="Women's Alpine Skiing" >
  <ExtendedInfos>
    <ExtendedInfo Type="TOTAL" Code="COMPETITOR" Value="143" />
    <ExtendedInfo Type="TOTAL" Code="NOC" Value="57" />
  </ExtendedInfos>
.....
    
```

The following table describes in more detail the Rankings /Ranking /ExtRanking element.

Element: Rankings /Ranking /ExtRanking						
Type	Code	Extension code	Pos	Value	Description	Expected
EFR	WSCL			Numeric ###0	For @Type: Send proposed type For @Code: Send proposed code	Only for individual event rankings

Element: Rankings /Ranking /ExtRanking					
				For @ Pos: Do not send anything	
				For @ Value: World Cup Start List Points. '-' for no value.	
			SC @ResultType	For ValueType: ResultType (POINTS)	
			Numeric ###0	For Rank: Send WSCL Rank	
			S(1)	RankEqual: Send 'Y' if the rank is equal.	
	BASE			For @ Type: Send proposed type	Only for individual event rankings
				For @ Code: Send proposed code	
				For @ Pos: Do not send anything	
				For @ Value: Last season World Cup Start list Points. '-' for no value.	
	X			For @ Type: Send proposed type	Only for individual event rankings
				For @ Code: Send proposed code	
				For @ Pos: Do not send anything	
				For @ Value: X value, (Base/number of planned races in the current season) *(number of completed races in the current season)	
	CC @Event			For @ Type: Send proposed type	Only for overall and only if the athlete has points in the event
				For @ Code: Send proposed code (full event RSC)	
				For @ Pos: Do not send anything	
				For @ Value: World Cup Points in the event	
			SC @ResultType	For ValueType: ResultType (POINTS)	
			Numeric ###0	For Rank: Send World Cup Rank in the event	
			S(1)	RankEqual: Send 'Y' if the rank is equal.	

Sample (Individual Event)

```
.....
<Ranking Rank="1" Value="652" ValueType="POINTS" SortOrder="1">
  <ExtRanking>
    <ListComp ValueType="POINTS" Value="50" Pos="1" />
    <ListComp ValueType="POINTS" Value="100" Pos="2" />
    <ListComp ValueType="POINTS" Value="50" Pos="3" />
    <ListComp ValueType="POINTS" Value="100" Pos="4" />
    <ListComp ValueType="POINTS" Value="60" Pos="5" />
    <ListComp ValueType="POINTS" Value="80" Pos="6" />
    <ListComp ValueType="POINTS" Value="50" Pos="7" />
    <ExtRank Type="EFR" Code="WCSL" Value="640" ValueType="POINTS" Rank="2" />
    <ExtRank Type="EFR" Code="BASE" Value="539" />
    <ExtRank Type="EFR" Code="X" Value="377" />
    <ExtRank Type="EFR" Code="Y" Value="490" />
  </ExtRanking>
  <Competitor Code="2022663" Type="A" Current="N" Organisation="AUT" >
    <Composition>
      <Athlete Code="2022663" Order="1">
        <Description GivenName="Thomas" FamilyName="Bowie" Gender="Male"
        Organisation="AUT" BirthDate="1990-08-27" />
      </Athlete>
    </Composition>
  </Competitor>
</Ranking>
.....
```

Sample (Individual Event)

```
.....
<Ranking Rank="1" Value="1593" ValueType="POINTS" SortOrder="1" >
  <ExtRanking>
    <ExtRank Type="EFR" Code="ALSWDH-----" Value="123"
    ValueType="POINTS" Rank="24" />
    <ExtRank Type="EFR" Code="ALSWG-----" Value="73"
    ValueType="POINTS" Rank="67" />
  </ExtRanking>
  <Competitor Code="1130392" Type="A" Organisation="USA">
    <Composition>
      <Athlete Code="1130392" Order="1">
        <Description GivenName="Tori" FamilyName="Bowie" Gender="Female"
        Organisation="USA" BirthDate="1990-08-27" />
      </Athlete>
    </Composition>
  </Competitor>
</Ranking>
.....
```

2.2.8.6 Message sort

Sort by Ranking @SortOrder and @Pos where it exists.

2.2.9 Weather Conditions

2.2.9.1 Description

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

2.2.9.2 Header Values

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

2.2.9.3 Trigger and Frequency

Please, follow the general definition.

2.2.9.4 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)

2.2.9.5 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	O	Numeric ##0	Humidity in %
	Wind_Direction	O	CC @WindDirection	Wind direction
	Prec_Type	O	SC @PrecType	Precipitation Type if applicable
Weather /Conditions /Condition	Code	M	S(4)	Weather condition type, send SKY and SNOW
	Value	M	CC @WeatherCondition CC @SnowConditions	Use CC @WeatherConditions for SKY Use CC @SnowConditions for SNOW
Weather /Conditions /Temperature	Code	M	S(4)	Temperature type, send AIR, SNOW
	Unit	M	SC @TemperatureUnit	Unit for temperature, send both
	Value	M	Numeric #0.0	Temperature of the @Code. Negative if applicable
Weather /Conditions /Wind	Code	M	S(5)	Wind Speed, send SPEED
	Unit	M	SC @WindUnit	Unit for Wind. Use MS and KMH
	Value	M	Numeric ##0.0	Wind speed in @Unit.

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>
.....

```

2.2.9.6 Message sort

Please, follow the general definition.

2.2.10 Configuration

2.2.10.1 Description

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

2.2.10.2 Header Values

For individual events send one message per unit.

For the team event, send one message for the event with the header.

2.2.10.3 Trigger and Frequency

Please, follow the general definition.

2.2.10.4 Message Structure

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

- ExtendedConfigItem

2.2.10.5 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: ExtendedConfig								
Type	Code	Extended Config Item Code	Pos	Value	Description	Expected		
FIS	CODEX			String	For @Type: Send proposed type	When available		
					For @Code: Send proposed code			
					For @Pos: Do not send anything			
	CODEX_SCDH				String	For @Type: Send proposed type	Speed events in AC	
						For @Code: Send proposed code		
						For @Pos: Do not send anything		
	HOMOLOGATION				String	For @Type: Send proposed type	When available	
						For @Code: Send proposed code		
						For @Pos: Do not send anything		
COURSE	NAME			String	For @Type: Send proposed type	When available		
					For @Code: Send proposed code			
					For @Pos: Do not send anything			
	LENGTH				Numeric ###0	For @Type: Send proposed type	Always	
						For @Code: Send proposed code		
						For @Pos: Do not send anything		
	ALTITUDE					For @Type: Send proposed type	Always	
						For @Code: Send proposed code		
						For @Pos: Do not send anything		
		START				Numeric ###0	For @Code: Send proposed code	Always
							For @Pos: Do not send anything	
		FINISH				Numeric ###0	For @Code: Send proposed code	Always
For @Pos: Do not send anything								
DROP				Numeric ###0	For @Code: Send proposed code	Always		
					For @Pos: Do not send anything			

Element: ExtendedConfig						
					For @Value: Send the total vertical drop in metres	
	GRADIENT				For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything For @Value: Do not send anything	Always
		MAX		Numeric #0.00	For @Code: Send proposed code For @Pos: Do not send anything For @Value: Maximum gradient	Always
		MIN		Numeric +/-#0.00	For @Code: Send proposed code For @Pos: Do not send anything For @Value: Minimum gradient (may have negative value)	Always
		AVG		Numeric #0.00	For @Code: Send proposed code For @Pos: Do not send anything For @Value: Average gradient	Always
EC	INTERMEDIATE		S(2)	String	For @Type: Send proposed type For @Code: Send proposed code 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).	Always
	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.
	SPEED		Numeric 0	String	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Send the value that identifies the speed trap. Sequential numbering 1..n over all speed traps on the course. For @Value: Name of the speed trap point in ENG.	For all Speed traps

Element: ExtendedConfig						
		INT_ORDER		S(2)	For @Code: Send proposed code For @Pos: Do not send anything For @Value: The @Pos of the intermediate point at or immediately before this speed trap. (there can be more than one speed trap with the same value though @Pos will be different)	Always
	SPEED_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 speed traps.	Always if not zero.

2.2.10.6 Sample

```

.....
<Configs>
<Config Unit="ALSMDH-----FNL-0001----">
  <ExtendedConfig Type="FIS" Code="CODEX" Value="0336" />
  <ExtendedConfig Type="FIS" Code="HOMOLOGATION" Value="8306/10/06" />
  <ExtendedConfig Type="COURSE" Code="LENGTH" Value="3105" />
  <ExtendedConfig Type="COURSE" Code="NAME" Value="Dave Murray" />
  <ExtendedConfig Type="COURSE" Code="ALTITUDE" >
    <ExtendedConfigItem Code="START" Value="1678" />
    <ExtendedConfigItem Code="FINISH" Value="825" />
    <ExtendedConfigItem Code="DROP" Value="853" />
  </ExtendedConfig>
  <ExtendedConfig Type="COURSE" Code="GRADIENT" >
    <ExtendedConfigItem Code="MAX" Value="52.00" />
    <ExtendedConfigItem Code="MIN" Value="-3.00" />
    <ExtendedConfigItem Code="AVG" Value="27.00" />
  </ExtendedConfig>
  <ExtendedConfig Type="EC" Code="INTERMEDIATES_NUM" Value="4" />
  <ExtendedConfig Type="EC" Code="SPEED_NUM" Value="2" />
  <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="S" Value="">
  <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="1" Value="Caddy Flats" />
  <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="2" Value="Weasel" />
  <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="3" Value="Fallaway Flats" />
  <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="4" Value="Powerline" />
  <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="F" Value="">
  <ExtendedConfig Type="EC" Code="SPEED" Pos="1" Value="Caddy Flats" />
  <ExtendedConfigItem Code="INT_ORDER" Value="1" />
</ExtendedConfig>
  <ExtendedConfig Type="EC" Code="SPEED" Pos="2" Value="Around Crone" />
  <ExtendedConfigItem Code="INT_ORDER" Value="3" />
</ExtendedConfig>
</Config>
.....

```

2.2.10.7 Message sort

Please, follow the general definition.

3 Document Control

Version history		
Version	Date	Comments
WYOG-2016-ALP-v1.0	8 Jul 2015	First Version
WYOG-2016-ALP-v1.1	7 Oct 2015	Updated
WYOG-2016-ALP-v1.2	2 Dec 2015	Approved with minor changes
WYOG-2016-ALP-v1.3	11 Jan 2016	Approved with minor changes

File reference: ODF/INT010-WYOG-2016-ALP-v1.3 APP

Change Log		
Version	Status	Changes on version
WYOG-2016-ALP-v1.0	SFR	First version
WYOG-2016-ALP-v1.1	SFR	Updated DT_BRACKETS Added WLT Extension in Cumulative message for team event Note to not send rank for losing competitor in team match in cumulative message. Updated triggering in results and cumulative results
WYOG-2016-ALP-v1.2	APP	DT_PARTIC: Change extension PTS to RANK_PTS for consistency
WYOG-2016-ALP-v1.3	APP	Change to values of qualification mark

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