

# Olympic Data Feed



## Alpine Skiing

### ODF Data Dictionary

Technology and Information Department  
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Table of contents:

1	Introduction .....	5
1.1	This document .....	5
1.2	Objective .....	5
1.3	Main Audience .....	5
1.4	Glossary.....	5
1.5	Related Documents.....	5
2	Messages .....	6
2.1	Alpine Skiing Overview .....	6
2.2	Applicable Messages .....	6
2.3	Messages .....	8
2.3.1	List of participants by discipline / List of participants by discipline update .....	8
2.3.1.1	Description .....	8
2.3.1.2	Header Values .....	8
2.3.1.3	Trigger and Frequency .....	9
2.3.1.4	Message Structure.....	9
2.3.1.5	Message Values .....	10
2.3.1.6	Message Sort .....	11
2.3.2	List of teams / List of teams update .....	12
2.3.2.1	Description .....	12
2.3.2.2	Header Values .....	12
2.3.2.3	Trigger and Frequency .....	12
2.3.2.4	Message Structure.....	12
2.3.2.5	Message Values .....	13
2.3.2.6	Message Sort .....	14
2.3.3	List of Entries by Event .....	15
2.3.3.1	Description .....	15
2.3.3.2	Header Values .....	15
2.3.3.3	Trigger and Frequency .....	15
2.3.3.4	Message Structure.....	15
2.3.3.5	Message Values .....	16
2.3.3.6	Message Sort .....	18
2.3.4	Event Unit Start List and Results.....	19
2.3.4.1	Description .....	19
2.3.4.2	Header Values .....	19
2.3.4.3	Trigger and Frequency .....	19
2.3.4.4	Message Structure.....	19
2.3.4.5	Message Values .....	22
2.3.4.6	Message Sort .....	29
2.3.5	Current Information .....	30
2.3.5.1	Description .....	30
2.3.5.2	Header Values .....	30
2.3.5.3	Trigger and Frequency .....	30
2.3.5.4	Message Structure.....	30



2.3.5.5	Message Values .....	32
2.3.5.6	Message Sort .....	35
2.3.6	Cumulative Results .....	36
2.3.6.1	Description .....	36
2.3.6.2	Header Values .....	36
2.3.6.3	Trigger and Frequency .....	36
2.3.6.4	Message Structure .....	37
2.3.6.5	Message Values .....	38
2.3.6.6	Message Sort .....	42
2.3.7	Image .....	44
2.3.7.1	Description .....	44
2.3.7.2	Header Values .....	44
2.3.7.3	Trigger and Frequency .....	44
2.3.7.4	Message Structure .....	44
2.3.7.5	Message Values .....	45
2.3.7.6	Message Sort .....	45
2.3.8	Event Final Ranking .....	46
2.3.8.1	Description .....	46
2.3.8.2	Header Values .....	46
2.3.8.3	Trigger and Frequency .....	46
2.3.8.4	Message Structure .....	46
2.3.8.5	Message Values .....	48
2.3.8.6	Message Sort .....	50
2.3.9	Configuration .....	51
2.3.9.1	Description .....	51
2.3.9.2	Header Values .....	51
2.3.9.3	Trigger and Frequency .....	51
2.3.9.4	Message Structure .....	51
2.3.9.5	Message Values .....	52
2.3.9.6	Message Sort .....	55
2.3.10	Weather conditions .....	56
2.3.10.1	Description .....	56
2.3.10.2	Header Values .....	56
2.3.10.3	Trigger and Frequency .....	56
2.3.10.4	Message Structure .....	56
2.3.10.5	Message Values .....	57
2.3.10.6	Message Sort .....	58
3	Message Timeline .....	59
3.1	Preparation Phase .....	59
3.2	Before competition .....	59
3.3	During Training .....	59
3.4	After Training .....	60
3.5	During competition .....	60
4	Document Control .....	61

## 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 this discipline.

### 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 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.

Acronym	Description
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 Title	Document Description
ODF Foundation Principles	The document explains the environment & general principles for ODF
ODF General Messages Interface	The document describes the ODF General Messages
Language Guidelines and Participant Names	The document describes the different Name formats
Common Codes	The document describes the ODF Common codes
ODF Header Values	The document details the header values which shows which RSCs are used in which messages.
ORIS Sports Document	The document details the sport specific requirements

## 2 Messages

### 2.1 Alpine Skiing Overview

#### MESSAGES IN EACH EVENT

- Individual single run events: DT\_RESULT for the start list and results with DT\_CURRENT sent for the current competitors.
- Individual multiple run events: DT\_RESULT for the start list and results with DT\_CURRENT sent for the current competitors. DT\_CUMULATIVE\_RESULT message for the overall standings.
- Team Combined: DT\_RESULT for the start list and results with DT\_CURRENT sent for the current competitors. DT\_CUMULATIVE\_RESULT message for the overall standings.

#### SCHEDULE

The DT\_SCHEDULE/DT\_SCHEDULE\_UPDATE message will include:

- For Individual Events: the DT\_SCHEDULE/DT\_SCHEDULE\_UPDATE will include the schedule of each run. Same applies in training.
- For Team Combined: the DT\_SCHEDULE/DT\_SCHEDULE\_UPDATE will include the schedule of each run. Same applies in training.

#### PARALYMPIC GAMES

There are no changes for the Paralympic competition except:

- Not applicable:
  - DT\_PARTIC\_TEAMS / DT\_PARTIC\_TEAMS\_UPDATE
  - Elements and attributes referring to Teams.
- Except where noted in the document, all times and ranks in the messages are calculated ones.
- The optional Guide attributes are used where appropriate, and the Class attribute is always used.

### 2.2 Applicable Messages

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

- 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 extended" indicates whether a particular message has extended definition in regards to those that are general for all sports. If one particular message is not extended, then it follows the general definition rules.
- Message responsibilities appears in the ODF General Document.

Message Type	Message Name	Message Extended
DT_SCHEDULE / DT_SCHEDULE_UPDATE	Competition schedule / Competition schedule update	
DT_PARTIC / DT_PARTIC_UPDATE	List of participants by discipline / List of participants by discipline update	X
DT_PARTIC_TEAMS / DT_PARTIC_TEAMS_UPDATE	List of teams / List of teams update	X
DT_ENTRIES	List of Entries by Event	X
DT_RESULT	Event Unit Start List and Results	X
DT_CURRENT	Current Information	X
DT_CUMULATIVE_RESULT	Cumulative Results	X
DT_IMAGE	Image	X
DT_RANKING	Event Final Ranking	X
DT_MEDALLISTS	Event's Medallists	



DT_MEDALLISTS_DISCIPLINE	Medallists by discipline	
DT_MEDALS	Medal standings	
DT_CONFIG	Configuration	X
DT_COMMUNICATION	Communication	
DT_WEATHER	Weather conditions	X
DT_PRESENTER	Medal Presenters	
DT_LOCAL_ON	Discipline/venue start transmission	
DT_LOCAL_OFF	Discipline/venue stop transmission	
DT_KA	Keep Alive	
DT_ALERT	Alert	
DT_BCK	Background Document	
DT_BIO_PAR	Participant Biography	
DT_NEWS	News Document	
DT_ESL	Extended Start List	
DT_PIC	Pictures	
DT_PDF	PDF Message	
DT_AUDIO	Audio Message	
DT_ACHIEVEMENT	Achievements	

## 2.3 Messages

### 2.3.1 List of participants by discipline / List of participants by discipline update

#### 2.3.1.1 Description

A participant is any individual athlete (participating or not in the current games) or any official or a competitor being part of a team (team member).

Although the athlete or official may participate in more than one event or more than one discipline, this message just contains the information for the discipline of the message, listing the personal information of the participant and along with discipline related information.

This message includes, when applicable, historical athletes that do not participate in the current competition. These participants are distinguished by the status value. The historical athletes will be used to match historical information as in the records message.

It is important to note that all the sport messages that make references to athletes (entries, start list, event unit results, etc.) has always to match the Participant @Code in this message.

This message includes the different name types/formats of the participant. The definition of all these types is available in the Global Document “Language Guidelines & Participant Names”.

List of participants by discipline (DT\_PARTIC) is a bulk message, provided for each discipline. It is a complete participant information message for one discipline. The arrival of this message resets all the previous participants' information for one discipline.

List of participants by discipline update (DT\_PARTIC\_UPDATE) is an update message. It is not a complete list but only the data being modified.

#### 2.3.1.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC@COMPETITION_CODE Id	Competition ID
DocumentCode	CC@DISCIPLINE Code	Discipline RSC
DocumentSubcode	N/A	N/A
DocumentType	DT_PARTIC DT_PARTIC_UPDATE	List of participants by discipline message
DocumentSubtype	SYNC HISTORICAL N/A	SYNC if the message is for re-synchronisation for ODF clients. Only sent once the control is transferred to OVR. HISTORICAL if the message is from the historical results provider and includes only historic data. The message is not sent to external clients.  DocumentSubtype is not applicable for _UPDATE messages.
Version	Positive Integer	Version number (ascending) associated to the message content.
ResultStatus	N/A	N/A
FeedFlag	P, T	P – Production / T - Test
Date	Date	Refer to ODF header definition
Time	Time	Refer to ODF header definition





LogicalDate	Date	Refer to ODF header definition
Source	SCGEN@Source Code	Code indicating the system which generated the message.

### 2.3.1.3 Trigger and Frequency

The DT\_PARTIC message is sent as a bulk message prior to the Games. It is sent several times up to the date of transfer of control to OVR after which only DT\_PARTIC\_UPDATE messages are sent for any modification in the data. DT\_PARTIC with DocumentSubtype SYNC may be distributed as a bulk message generated by the central systems after the transfer of control to OVR.

### 2.3.1.4 Message Structure

The following table defines the structure of the message.

Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
Competition (0,1)					
	Gen				
	Sport				
	Codes				
	Participant (1,N)				
		Code			
		Parent			
		Status			
		GivenName			
		FamilyName			
		PassportGivenName			
		PassportFamilyName			
		PrintName			
		PrintInitialName			
		TVName			
		TVInitialName			
		TVFamilyName			
		LocalFamilyName			
		LocalGivenName			
		PSCBName			
		PSCBShortName			
		PSCBLongName			
		Gender			
		Organisation			
		BirthDate			
		PlaceofBirth			
		CountryofBirth			
		PlaceofResidence			
		CountryofResidence			
		Nationality			
		MainFunctionId			



	OlympicSolidarity
	Discipline (1,1)
	Code
	IFId

### 2.3.1.5 Message Values

Element: Competition (0,1)			
Attribute	M/O	Value	Description
Gen	M	S(20)	Version of the General Data Dictionary applicable to the message
Sport	M	S(35)	Version of the Sport Data Dictionary applicable to the message
Codes	M	S(20)	Version of the Codes applicable to the message

#### Sample (General)

<Competition Gen="OWG2026-1.10" Sport="OWG2026-ALP-1.10" Codes="OWG2026-1.20" >

Element: Competition /Participant (1,N)			
Attribute	M/O	Value	Description
Code	M	S(20) without leading zeros	Participant's ID.  It identifies an athlete or an official and the holding participant's valid information for one particular period of time.  It is used to link other messages to the participant's information.  Participant's information (example @Organisation) will not be the latest for the athlete/official, unless the @Code attribute is the same as the @Parent attribute. However, this information could be the one being valid in the particular moment of a start list, event unit results, etc.
Parent	M	S(20) without leading zeros	Participant's parent ID, which is used to link to the latest valid information for one participant. @Parent attribute should be linked to the latest participant's information, by retrieving that Athlete/Official whose @Code attribute is the same as @Parent.  The participant containing @Code attribute being the same as the @Parent attribute will be the one with the latest information for the participant. The @Parent attribute will only be different from @Code in the case that critical personal information has changed from previous competitions. The typical examples are Organisation (for change of country) or Name (particularly for women changing their name at marriage). Further to be clear, @Parent and @Code can only be different for historical participants (Status)
Status	M	CC@PARTICIPANT_STATUS Id	Participant's sport entry status. To delete a participant, use the specific value of the Participant Status.
GivenName	O	S(25)	Preferred Given Name
FamilyName	M	S(25)	Preferred Family Name
PassportGivenName	O	S(25)	Passport Given Name
PassportFamilyName	O	S(25)	Passport Family Name
PrintName	M	S(35)	Print Name
PrintInitialName	M	S(18)	Print Initial Name
TVName	M	S(35)	TV Name
TVInitialName	M	S(18)	TV Initial Name



TVFamilyName	M	S(18)	TV Family Name
LocalFamilyName	O	S(25)	Family name in the local language in the appropriate case for the local language (usually mixed case)
LocalGivenName	O	S(25)	Given name in the local language in the appropriate case for the local language (usually mixed case)
PSCBName	O	S(50)	Public Scoreboard Name created by OVR.
PSCBShortName	O	S(50)	Public Scoreboard Short Name created by OVR.
PSCBLongName	O	S(50)	Public Scoreboard Long Name created by OVR.
Gender	M	CC@PERSON_GENDER Id	Participant's gender
Organisation	M	CC@ORGANISATION Id	Organisation ID
BirthDate	O	YYYY-MM-DD	Date of Birth. This information may not be known at the very beginning, but it will be completed for all participants after successive updates.
PlaceofBirth	O	S(75)	Place of Birth
CountryofBirth	O	CC@COUNTRY Id	Country ID of Birth
PlaceofResidence	O	S(75)	Place of Residence
CountryofResidence	O	CC@COUNTRY Id	Country ID of Residence
Nationality	O	CC@COUNTRY Id	Participant's nationality. Although this attribute is optional, in very exceptional situations it will not be known, and for this reason not ready to be sent.
MainFunctionId	O	CC@DISCIPLINE_FUNCTION Id	Main function
OlympicSolidarity	O	Y	Y if the participant is a member of the Solidarity / Scholarship Program else not sent.

**Element: Competition /Participant /Discipline (1,1)**

All participating athletes or officials will be assigned at least one discipline, it could be more. If an athlete or official are assigned to more than one discipline, it will be included in the participant message of each discipline.

Attribute	M/O	Value	Description
Code	M	CC@DISCIPLINE Code	Discipline RSC, expected to be the same as the one used in OdfBody @DocumentCode.
IFId	O	S(16)	International Federation ID

### 2.3.1.6 Message Sort

The message is sorted by Participant @Code

## 2.3.2 List of teams / List of teams update

### 2.3.2.1 Description

DT\_PARTIC\_TEAMS contains the list of teams related to the current competition.

A team is a type of competitor, being a group of two or more individual athletes participating together in one event. One team participates in one event of one discipline. When one team participates in multiple events, there will be one team for each event for the same group. Also, when the same organisation participates in the same event twice, there will be different teams.

List of teams (DT\_PARTIC\_TEAMS) is a bulk message by discipline. The list is always complete. The arrival of this message resets all the previous participant teams' information for that discipline. It is assumed that all teams appearing in this list are valid and their participation is defined by the status attribute.

List of teams update (DT\_PARTIC\_TEAMS\_UPDATE) is an update message. It is not a complete list of teams' information message. It only contains the data of a team being modified.

### 2.3.2.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC@COMPETITION_CODE Id	Competition ID
DocumentCode	CC@DISCIPLINE Code	Discipline RSC
DocumentSubcode	N/A	N/A
DocumentType	DT_PARTIC_TEAMS DT_PARTIC_TEAMS_UPDATE	List of participant teams message
DocumentSubtype	SYNC HISTORICAL N/A	SYNC if the message is for re-synchronisation for ODF clients. Only sent once the control is transferred to OVR. HISTORICAL if the message is from the historical results provider and includes only historic data. The message is not sent to external clients.  DocumentSubtype is not applicable for _UPDATE messages.
Version	Positive Integer	Version number (ascending) associated to the message content.
ResultStatus	N/A	N/A
FeedFlag	P, T	P – Production / T - Test
Date	Date	Refer to ODF header definition
Time	Time	Refer to ODF header definition
LogicalDate	Date	Refer to ODF header definition
Source	SCGEN@Source Code	Code indicating the sy Data Messages stem which generated the message.

### 2.3.2.3 Trigger and Frequency

Teams are managed directly by OVR and sent as DT\_PARTIC\_TEAMS\_UPDATE to create or modify them. DT\_PARTIC\_TEAMS is never expected unless with DocumentSubtype SYNC to be distributed as a bulk message generated by the central systems.

### 2.3.2.4 Message Structure

The following table defines the structure of the message.



Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
Competition (0,1)					
	Gen				
	Sport				
	Codes				
	Team (1,N)				
		Code			
		Status			
		Organisation			
		Name			
		ShortName			
		TVTeamName			
		PSCBName			
		PSCBShortName			
		PSCBLongName			
		Gender			
		TeamType			
		Discipline (0,1)			
			Code		
			IFId		

### 2.3.2.5 Message Values

Element: Competition (0,1)			
Attribute	M/O	Value	Description
Gen	M	S(20)	Version of the General Data Dictionary applicable to the message
Sport	M	S(35)	Version of the Sport Data Dictionary applicable to the message
Codes	M	S(20)	Version of the Codes applicable to the message

Element: Competition /Team (1,N)			
Attribute	M/O	Value	Description
Code	M	S(20) without leading zeros	Team's ID
Status	M	CC@PARTICIPANT_STATUS Id	Team's entry status. This attribute is Mandatory always. To delete a team, a specific value of the Status attribute is used.
Organisation	M	CC@ORGANISATION Id	Team organisation's ID
Name	M	S(73)	Team name
ShortName	M	S(40)	Team Short Name
TVTeamName	M	S(21)	TV Team Name
PSCBName	O	S(50)	Public Scoreboard Name created by OVR.
PSCBShortName	O	S(50)	Public Scoreboard Short Name created by OVR.
PSCBLongName	O	S(50)	Public Scoreboard Long Name created by OVR.
Gender	M	CC@DISCIPLINE_GENDER Gender	Gender Code of the Team
TeamType	M	SCGEN@TeamType	Team type. CPLP is expected.



		Code	This is how the name is constructed to allow clients to build in other languages.
--	--	------	---

**Element: Competition /Team /Discipline (0,1)**

Attribute	M/O	Value	Description
Code	M	CC@DISCIPLINE Code	Discipline RSC
IFId	O	S(16)	International Federation ID

**Sample (Team)**

```
<Team Code="ALPMTCTC-----USA01" Organisation="USA" Name="di GREGORIO Zachary / HOLLANDER  
Sean " ShortName="di GREGORIO Z/HOLLANDER S" TVTeamName=" GREGORIO Z/HOLLANDER S " Gen-  
der="M" Current="true" TeamType="CPLP" >  
  <Discipline Code="ALP-----" IFId="1234566" />
```

### 2.3.2.6 Message Sort

The message is sorted by Team @Code.

## 2.3.3 List of Entries by Event

### 2.3.3.1 Description

This message contains the entry information for a specific event within a discipline with the specific event entry information of the participant.

It is always a full message and any new message received resets all the previous participants' entry information for the event. This message includes the list of athletes, guides, reserves, teams including the team composition (if known) that have been entered to an event.

### 2.3.3.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC@COMPETITION_CODE Id	Competition ID
DocumentCode	CC@EVENT Code	Event RSC
DocumentSubcode	N/A	N/A
DocumentType	DT_ENTRIES	List of entries by event message
DocumentSubtype	N/A	N/A
Version	Positive Integer	Version number (ascending) associated to the message content.
ResultStatus	N/A	N/A
FeedFlag	P, T	P – Production / T - Test
Date	Date	Refer to ODF header definition
Time	Time	Refer to ODF header definition
LogicalDate	Date	Refer to ODF header definition
Source	SCGEN@Source Code	Code indicating the system which generated the message.

### 2.3.3.3 Trigger and Frequency

At the Olympic Games athletes are initially assigned at discipline level (DT\_PARTIC).

DT\_ENTRIES message will be distributed once OVR becomes the owner of the data and based on the outcomes of the Team Captains' Meetings and will be additionally triggered upon any entry information change.

At the Paralympic Games the DT\_ENTRIES message is sent as a bulk message prior to the Games. It is sent several times up to the date of transfer of control to OVR after which the entries information is updated in the venue and the bulk message is triggered by the OVR.

### 2.3.3.4 Message Structure

The following table defines the structure of the message.

Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	Level 8	Level 9
Competition (0,1)								
	Gen							
	Sport							
	Codes							
	Entry (1,N)							
		Code						
		Type						



	Bib
	Organisation
	SortOrder
	Description (0,1)
	TeamName
	IFId
	Composition (0,1)
	Athlete (0,N)
	Code
	Order
	Bib
	EntryStatus
	Description (1,1)
	GivenName
	FamilyName
	Gender
	Organisation
	BirthDate
	IFId
	Class
	Guide (0,N)
	GuideID
	Order
	GuideFamilyName
	GuideGivenName
	ExtendedEntry (0,N)
	Type
	Code
	Pos
	Value

### 2.3.3.5 Message Values

Element: Competition (0,1)			
Attribute	M/O	Value	Description
Gen	M	S(20)	Version of the General Data Dictionary applicable to the message
Sport	M	S(35)	Version of the Sport Data Dictionary applicable to the message
Codes	M	S(20)	Version of the Codes applicable to the message

Element: Competition /Entry (1,N)			
Attribute	M/O	Value	Description
Code	M	S(20) without leading zeros	Competitor ID.





Type	M	A, T	A for athlete, T for team
Bib	O	S(5)	Bib number
Organisation	M	CC@ORGANISATION Id	Competitor's organisation
SortOrder	M	Positive Integer	Order used to sort the competitors within an event (by NOC, Gender, Name etc).

**Element: Competition /Entry /Description (0,1)**

Used in Team event only

Attribute	M/O	Value	Description
TeamName	M	S(73)	Name of the team
IFId	O	S(16)	International Federation ID

**Element: Competition /Entry /Composition /Athlete (0,N)**

Attribute	M/O	Value	Description
Code	M	S(20) without leading zeros	Athlete's ID
Order	M	Positive Integer	1 in individual events (if Competitor @Type="A"), or athlete starting order (1..n) for teams (if Competitor @Type="T"). Order corresponds to the participation sequence of runs (i.e Athlete with Order 1 participates in the 1 <sup>st</sup> run of TC and Athlete with order 2 participates in the 2 <sup>nd</sup> run of TC.
Bib	O	S(5)	Athlete Bib number
EntryStatus	O	SC@AthleteStatus Code	Athlete's Event participation status, if applicable

**Element: Competition /Entry /Composition /Athlete /Description (1,1)**

Attribute	M/O	Value	Description
GivenName	O	S(25)	Preferred Given Name
FamilyName	M	S(25)	Preferred Family Name
Gender	M	CC@PERSON_GENDER Id	Gender of the athlete
Organisation	M	CC@ORGANISATION Id	Athletes' organisation
BirthDate	O	YYYY-MM-DD	Date of Birth, must be included if the data is available
IFId	O	S(16)	International Federation ID
Class	O	CC@DISCIPLINE_CLASS Class	Code to identify the sport class in the case of events with athletes with a disability (e.g: Paralympic Games).

**Element: Competition /Entry /Composition /Athlete /Guide (0,N)**

Attribute	M/O	Value	Description
GuideID	M	S(20) without leading zeros	ID of the athlete's guide.
Order	M	Positive Integer	Order used to sort the athlete's guide.
GuideFamilyName	O	S(25)	Preferred Family Name of the athlete's guide.
GuideGivenName	M	S(25)	Preferred Given Name of the athlete's guide.

**Element: Competition /Entry /Composition /Athlete /ExtendedEntry (0,N)**

Individual athlete's entry information.



Type		Code	Pos	Description
ENTRY		PERCENTAGE	CC@EVENT Code N/A	Pos Description: not expected if percentage refers to the same event as the RSC in the message header Element Expected: Paralympic Games only
	Attribute	M/O	Value	Description
	Value	M	0.0000	Athlete percentage
IFRANK		SC@IFRank	N/A CC@EVENT Code	Pos Description: not expected if SC@IFRank refers to the same event as the RSC in the message header. Element Expected: when available
	Attribute	M/O	Value	Description
	Value	M	Positive Integer	Rank of the competitor for the specific event.
IFPOINTS		SC@IFPoints	N/A CC@EVENT Code	Pos Description: not expected if SC@IFPoints refers to the same event as the RSC in the message header. Element Expected: when available
	Attribute	M/O	Value	Description
	Value	M	###0.00, -	Points of the competitor for the specific event. "-" for the competitors who do not have points.

### 2.3.3.6 Message Sort

Sort by Entry @SortOrder

## 2.3.4 Event Unit Start List and Results

### 2.3.4.1 Description

The Event Unit Start List and Results is a message containing both the start list and results information of the competitors in one event unit.

The Event Unit Start List and Results is a mandatory message for all sports.

This is always a full message and all applicable elements and attributes are always expected.

### 2.3.4.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC@COMPETITION_CODE Id	Competition ID
DocumentCode	CC@EVENT_UNIT Code	Event Unit RSC
DocumentSubcode	N/A	N/A
DocumentType	DT_RESULT	Event Unit Start List and Results message
DocumentSubtype	N/A	N/A
Version	Positive Integer	Version number (ascending) associated to the message content.
ResultStatus	CC@RESULTSTATUS Code	Expected statuses are: START_LIST LIVE INTERMEDIATE UNOFFICIAL OFFICIAL PROVISIONAL
FeedFlag	P, T	P – Production / T - Test
Date	Date	Refer to ODF header definition
Time	Time	Refer to ODF header definition
LogicalDate	Date	Refer to ODF header definition
Source	SCGEN@Source Code	Code indicating the system which generated the message.

### 2.3.4.3 Trigger and Frequency

This message is expected after any update with ResultStatus:

- START\_LIST: when the start list is available and in case of any changes (including IRMs before the event unit starts)
- LIVE: when the competition starts and after each intermediate point for the current athlete(s)
- INTERMEDIATE: in the case that the event unit is interrupted
- UNOFFICIAL/OFFICIAL: as soon as the event unit is finished as applicable
- PROVISIONAL: if a CAS, IOC or IF decision is pending

### 2.3.4.4 Message Structure

The following table defines the structure of the message.

Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7
Competition (0,1)						
	Gen					



	Sport	
	Codes	
	ExtendedInfos (0,1)	
	UnitDateTime (0,1)	
	StartDate	
	ExtendedInfo (0,N)	
	Type	
	Code	
	Pos	
	Value	
	Extension (0,N)	
	Code	
	Pos	
	Value	
	SportDescription (0,1)	
	DisciplineName	
	EventName	
	Gender	
	SubEventName	
	VenueDescription (0,1)	
	Venue	
	VenueName	
	Location	
	LocationName	
	Officials (0,1)	
	Official (1,N)	
	Code	
	Function	
	Order	
	Description (1,1)	
	GivenName	
	FamilyName	
	Gender	
	Organisation	
	Result (1,N)	
	Rank	
	RankEqual	
	Result	
	Unchecked	
	IRM	
	SortOrder	
	StartOrder	
	StartSortOrder	



	ResultType	
	Diff	
	ExtendedResults (0,1)	
	ExtendedResult (1,N)	
	Type	
	Code	
	Pos	
	Value	
	Value2	
	IRM	
	Rank	
	RankEqual	
	SortOrder	
	Diff	
	Extension (0,N)	
	Code	
	Pos	
	Value	
	Competitor (1,1)	
	Code	
	Type	
	Bib	
	Organisation	
	Description (0,1)	
	TeamName	
	IFId	
	EventUnitEntry (0,N)	
	Type	
	Code	
	Pos	
	Value	
	Composition (0,1)	
	Athlete (0,N)	
	Code	
	Order	
	Bib	
	Description (1,1)	
	GivenName	
	FamilyName	
	Gender	
	Organisation	
	BirthDate	
	IFId	



	Class
Guide(0,N)	
GuideID	
Order	
GuideFamilyName	
GuideGivenName	
EventUnitEntry (0,N)	
Type	
Code	
Pos	
Value	

### 2.3.4.5 Message Values

Element: Competition (0,1)			
Attribute	M/O	Value	Description
Gen	M	S(20)	Version of the General Data Dictionary applicable to the message
Sport	M	S(35)	Version of the Sport Data Dictionary applicable to the message
Codes	M	S(20)	Version of the Codes applicable to the message

Element: Competition /ExtendedInfos /UnitDateTime (0,1)			
Attribute	M/O	Value	Description
StartDate	M	DateTime	Actual start date-time. Do not include until the unit starts.

Element: Competition /ExtendedInfos /ExtendedInfo (0,N)				
Type		Code	Pos	Description
UI		STARTERS	N/A	Element Expected: always
	Attribute	M/O	Value	Description
	Value	M	Positive Integer	Number of competitors in the start list
	Sub Element: Competition /ExtendedInfos /ExtendedInfo /Extension always if ResultStatus is not START_LIST and at least one competitor has a valid result			
	Attribute	Value	Description	
	Code	COMPLETE		
	Pos	N/A		
	Value	Positive Integer	Number of competitors whose event unit is completed (including IRMs)	
DISPLAY		LAST_COMP	N/A	Element Expected: when theResultStatus is LIVE or UNOFFICIAL.
	Attribute	M/O	Value	Description
	Value	M	S(20) without leading zeros	Competitor ID of the last competitor to compete and receive a result.

Element: Competition /ExtendedInfos /SportDescription (0,1)			
Attribute	M/O	Value	Description
DisciplineName	M	CC@DISCIPLINE ENG Description	Discipline ENG Description
EventName	M	CC@EVENT	Event ENG Description



		ENG Description	
Gender	M	CC@DISCIPLINE_GENDER Gender	Gender Code for the Event Unit
SubEventName	M	CC@EVENT_UNIT ENG ShortDescription	EventUnit ENG ShortDescription

**Element: Competition /ExtendedInfos /VenueDescription (0,1)**

Attribute	M/O	Value	Description
Venue	M	CC@VENUE Id	Venue Code
VenueName	M	CC@VENUE ENG Description	Venue ENG Description
Location	M	CC@LOCATION Id	Location Code
LocationName	M	CC@LOCATION ENG Description	Location ENG Description

**Element: Competition /Officials /Official (1,N)**

Attribute	M/O	Value	Description
Code	M	S(20) without leading zeros	Official's code
Function	M	CC@DISCIPLINE_FUNCTION Id	Official's function in the event unit, it can be different from the one distributed in the DT_PARTIC message.
Order	O	Positive Integer	Official's order

**Element: Competition /Officials /Official /Description (1,1)**

Attribute	M/O	Value	Description
GivenName	O	S(25)	Preferred Given Name
FamilyName	M	S(25)	Preferred Family Name
Gender	M	CC@PERSON_GENDER Id	Official's Gender
Organisation	M	CC@ORGANISATION Id	Official's Organisation

**Element: Competition /Result (1,N)**

For each Event Unit Results message, there must be at least one competitor with a result element in the event unit.

Attribute	M/O	Value	Description
Rank	O	Positive Integer	Rank of the competitor in the event unit (not cumulative)
RankEqual	O	Y	'Y' if the rank is equaled, else is not expected.
Result	O	m:sS.FF	Time in the event unit (not cumulative) in case @ResultType is TIME IRM_TIME
Unchecked	O	Y	Y if the result is under review
IRM	O	SC@IRM Code	Invalid result mark (IRM) in the event unit in case @ResultType is IRM
SortOrder	M	Positive Integer	This attribute is a sequential number with the order of the results for the event unit. It is mostly based on the rank, but it is used to sort out ties as well as IRMs. Prior to the unit starts the order is the same as StartSortOrder.
StartOrder	O	Positive Integer	Start order in the unit.
StartSortOrder	M	Positive Integer	Used to sort the competitors in the start list of the event unit.



			StartSortOrder does not change in case of DNS competitors while in the case of Snowseed or Re-Run (not provisional) this should be updated.
ResultType	O	SC@ResultType Code	Result type as appropriate.
Diff	O	+m:sS.FF	Time behind leader in the unit in case @ResultType is TIME. 0.00 for the leader.

Element: Competition /Result /ExtendedResults /ExtendedResult (1,N)				
Type		Code	Pos	Description
ER		GATES_MISSED	N/A	Element Expected: only in DH training
	Attribute	M/O	Value	Description
	Value	M	Y	Y if the athlete missed a gate
ER		POT_DSQ	N/A	Element Expected: when applicable
	Attribute	M/O	Value	Description
	Value	M	Y	Y if the competitor is potentially disqualified in the event unit. Do not apply in DH training if the competitor missed a gate.
ER		DIFF_M	N/A	Element Expected: only in DH/SG/TC-DH and if the athlete has a valid finish time.
	Attribute	M/O	Value	Description
	Value	M	##0.00	Distance in meters behind the leader at finish 0.00 for the leader.
ER		SPEED_AVG	N/A	Element Expected: in DH/SG/TC-DH
	Attribute	M/O	Value	Description
	Value	M	##0.00	Average speed in km/h
ER		RE_RUN	N/A	Element Expected: when applicable
	Attribute	M/O	Value	Description
	Value	M	Y	Y if the competitor is granted a Re-Run, remove after the Re-Run is completed. Do not apply for provisional Re-Run.
ER		DSQ_GATE	N/A	Element Expected: when applicable
	Attribute	M/O	Value	Description
	Value	M	## ##0	Gate number at which the competitor was disqualified
ER		JURY_DECISION	Positive Integer	Pos Description: Chronological order of the jury decisions for this competitor in the event unit. Element Expected: If a description is available for a jury decision.
	Attribute	M/O	Value	Description
	Value	M	SC@Infringement Code S(25)	Infringement/Offence Code or rule identifier for which the skier was disqualified (e.g.: "629.3").
	Value2	M	SC@Infringement ENG Description S(255)	Infringement/Offence Description
	IRM	O	SC@IRM Code	Invalid result mark (IRM) related to the Infringement/Offence





PROGRESS		INTERMEDIATE	S(2)	Pos Description: Intermediate point where the intermediate time is recorded (1, 2...F). Element Expected: when data is available (individual event and for each TC race/run).
	Attribute	M/O	Value	Description
	Value	O	m:sS.FF	Time at the intermediate point (@Pos) in the current event unit (not cumulative over all runs).
	IRM	O	SC@IRM Code	Invalid result mark (IRM) for the first intermediate not reached by the competitor to give some indication of the location of the IRM.
	Rank	O	Positive Integer	Rank of the competitor in the event unit at the intermediate point. Do not consider IRMs at the intermediate point.
	RankEqual	O	Y	‘Y’ if the rank is equaled, else is not expected.
	SortOrder	M O	Positive Integer	Order of the competitor at the intermediate point. Send always if available.
	Diff	O	+/-m:sS.FF	The difference behind the race leader (unit leader), at this intermediate point. Negative if faster than race leader. 0.00 for the leader.
Sub Element: Competition /Result /ExtendedResults /ExtendedResult /Extension Expected when available				
	Attribute	Value	Description	
	Code	DIFF_FAST		
	Pos	N/A		
	Value	+sS.FF	The difference behind the fastest competitor at this intermediate point not considering IRMs. 0.00 for the leader at this intermediate point.	
PROGRESS		SECTION	S(2)	Pos Description: Intermediate point at the end of the section where section time is taken (1, 2...F). For example, the first intermediate (Pos="1") indicates the interval between the start gate and first intermediate, "2" is the section from intermediate 1 to intermediate 2, ... Element Expected: when available (individual events and for each TC race/run)
	Attribute	M/O	Value	Description
	Value	O	m:sS.FF	Time for the section ending at the intermediate point @Pos.
	Rank	O	Positive Integer	Rank of the competitor in the section not considering IRMs
	RankEqual	O	Y	‘Y’ if the rank is equaled, else is not expected.
	SortOrder	M	Positive Integer	Order of the competitor in the corresponding section.
PROGRESS		SPEED	S(2)	Pos Description: speed trap as defined in DT_CONFIG Element Expected: when available in DH/SG/TC-DH
	Attribute	M/O	Value	Description
	Value	O	##0.00	Speed at this point in km/h
	Rank	O	Positive Integer	Speed rank of the competitor at this point not considering IRMs.
	RankEqual	O	Y	‘Y’ if the rank is equaled, else is not expected.



SortOrder	M	Positive Integer	Speed order of the competitor
Diff	O	+/-#0.00	Speed behind the leader at this point in km/h. 0.00 for the leader.

### Sample (Individual)

```
<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" 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" 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" 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" Diff="+0.07" Rank="2" SortOrder="2">
      <Extension Code="DIFF_FAST" Value="+0.11" />
    </ExtendedResult>
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="F" Value="1:42.68" Diff="+0.04" Rank="2" SortOrder="2">
      <Extension Code="DIFF_FAST" Value="+0.31" />
    </ExtendedResult>
    <ExtendedResult Type="PROGRESS" Code="SECTION" Pos="1" Value="24.34" Rank="2" SortOrder="2" />
    <ExtendedResult Type="PROGRESS" Code="SECTION" Pos="2" Value="17.34" Rank="10" SortOrder="10" />
    <ExtendedResult Type="PROGRESS" Code="SECTION" Pos="3" Value="14.36" Rank="1" SortOrder="1" />
    <ExtendedResult Type="PROGRESS" Code="SECTION" Pos="4" Value="17.22" Rank="3" SortOrder="3" />
    <ExtendedResult Type="PROGRESS" Code="SECTION" Pos="F" Value="29.42" Rank="1" SortOrder="1" />
    <ExtendedResult Type="PROGRESS" Code="SPEED" Pos="1" Value="97.65" Rank="9" SortOrder="9" />
    <ExtendedResult Type="PROGRESS" Code="SPEED" Pos="2" Value="99.11" 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" IFId="50753" />
      </Athlete>
    </Composition>
  </Competitor>
</Result>
```

### Sample (Run in Team 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" 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" 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" 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" Diff="+0.07" Rank="2" SortOrder="2">
  <Extension Code="DIFF_FAST" Value="+0.11" />
</ExtendedResult>
<ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="F" Value="1:42.68" Diff="+0.04" Rank="2" SortOrder="2">
  <Extension Code="DIFF_FAST" Value="+0.31" />
</ExtendedResult>
<ExtendedResult Type="PROGRESS" Code="SECTION" Pos="1" Value="24.34" Rank="2" SortOrder="2" />
<ExtendedResult Type="PROGRESS" Code="SECTION" Pos="2" Value="17.34" Rank="10" SortOrder="10" />
<ExtendedResult Type="PROGRESS" Code="SECTION" Pos="3" Value="14.36" Rank="1" SortOrder="1" />
<ExtendedResult Type="PROGRESS" Code="SECTION" Pos="4" Value="17.22" Rank="3" SortOrder="3" />
<ExtendedResult Type="PROGRESS" Code="SECTION" Pos="F" Value="29.42" Rank="1" SortOrder="1" />
<ExtendedResult Type="PROGRESS" Code="SPEED" Pos="1" Value="97.65" Rank="9" SortOrder="9" />
<ExtendedResult Type="PROGRESS" Code="SPEED" Pos="2" Value="99.11" Rank="5" SortOrder="5" />
</ExtendedResults>
<Competitor Code="ALPMTC-----GER01" Type="T" Organisation="GER" Bib="1" >
<Description TeamName="Germany" />
<Composition>
  <Athlete Code="2024039" Order="1">
    <Description GivenName="Johana" FamilyName="SMITH" Gender="F" Organisation="GER" BirthDate="1994-12-15"
IFId="223231"/>
  </Athlete>
  <Athlete Code="1106860" Order="1" Bib="81">
    <Description GivenName="Lara" FamilyName="GUT" Gender="F" Organisation="SUI" BirthDate="1994-12-15" IFId="223241"/>
  </Athlete>
</Composition>
</Competitor>
</Result>
```

**Element: Competition /Result /Competitor (1,1)**

Competitor related to the result of one event unit.

Attribute	M/O	Value	Description
Code	M	S(20) without leading zeros	Competitor ID
Type	M	A, T	A for athlete, T for team
Bib	O	S(5)	Bib number
Organisation	M	CC@ORGANISATION Id	Competitor's organisation

**Element: Competition /Result /Competitor /Description (0,1)**

Used in Team event only

Attribute	M/O	Value	Description
TeamName	M	S(73)	Name of the team
IFId	O	S(16)	International Federation ID

**Element: Competition /Result /Competitor /EventUnitEntry (0,N)**

For Team Combined only



Type	Code	Pos	Description
EUE	SNOWSEED	N/A	Element Expected: if applicable in TC
Attribute	M/O	Value	Description
Value	M	Y	"Y" if the competitor is snowseed.

Element: Competition /Result /Competitor /Composition /Athlete (0,N)

Attribute	M/O	Value	Description
Code	M	S(20) without leading zeros	Athlete's ID
Order	M	Positive Integer	1 in individual events (if Competitor @Type="A"), and athlete starting order (1..n) for teams (if Competitor @Type="T"). Order corresponds to the participation sequence of runs (i.e Athlete with Order 1 participates in the 1 <sup>st</sup> run of TC and Athlete with order 2 participates in the 2 <sup>nd</sup> run of TC.
Bib	O	S(5)	Athlete Bib number

Element: Competition /Result /Competitor /Composition /Athlete /Description (1,1)

Attribute	M/O	Value	Description
GivenName	O	S(25)	Preferred Given Name
FamilyName	M	S(25)	Preferred Family Name
Gender	M	CC@PERSON_GENDER Id	Gender of the athlete
Organisation	M	CC@ORGANISATION Id	Athletes' organisation
BirthDate	O	YYYY-MM-DD	Date of Birth, must be included if the data is available
IFId	O	S(16)	International Federation ID
Class	O	CC@DISCIPLINE_CLASS Class	Code to identify the sport class in the case of events with athletes with a disability (e.g: Paralympic Games).

Element: Competition /Result /Competitor /Composition /Athlete /Guide (0,N)

Attribute	M/O	Value	Description
GuideID	M	S(20) without leading zeros	ID of the athlete's guide.
Order	M	Positive Integer	Order used to sort the athlete's guide.
GuideFamilyName	O	S(25)	Preferred Family Name of the athlete's guide.
GuideGivenName	M	S(25)	Preferred Given Name of the athlete's guide.

Element: Competition /Result /Competitor /Composition /Athlete /EventUnitEntry (0,N)

Type	Code	Pos	Description
EUE	UNIT	N/A	Element Expected: TC only
Attribute	M/O	Value	Description
Value	M	CC@EVENT_UNIT Code	Entered Event Unit RSC for the team member
EUE	SNOWSEED	N/A	Element Expected: Individual events only if applicable
Attribute	M/O	Value	Description
Value	M	Y	"Y" if the athlete is snowseed

**2.3.4.6 Message Sort**

Sort by Result @SortOrder

## 2.3.5 Current Information

### 2.3.5.1 Description

The Current message is a message containing the current information in a competition which is live.

For Alpine Skiing, the Current message contains in the Result element the athlete(s) who is(are) currently on course (current) as well as the athlete who is the next to start (next). There is one result element for each athlete indicated as current or next in the ExtendedInfos element.

### 2.3.5.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC@COMPETITION_CODE Id	Competition ID
DocumentCode	CC@EVENT_UNIT Code	Event Unit RSC
DocumentSubcode	N/A	N/A
DocumentType	DT_CURRENT	Current message
DocumentSubtype	N/A	N/A
Version	Positive Integer	Version number (ascending) associated to the message content.
ResultStatus	N/A	N/A
FeedFlag	P, T	P – Production / T - Test
Date	Date	Refer to ODF header definition
Time	Time	Refer to ODF header definition
LogicalDate	Date	Refer to ODF header definition
Source	SCGEN@Source Code	Code indicating the system which generated the message.

### 2.3.5.3 Trigger and Frequency

This message is sent in Individual Events and Team Combined:

- At any time a competitor starts, he/she 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. This just finished competitor includes all times/diffs etc. compared to leader at the moment before the finish line. This just finished competitor is included in the LAST\_COMP attribute and is removed once another competitor completes the course/attempt. If the just finished competitor becomes the leader then the leader information is updated in the same message and the message will include the just finished athlete as leader (in addition to current) and all other athletes on the course will have splits compared to this new 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. Note above case for just finished.

### 2.3.5.4 Message Structure

The following table defines the structure of the message.

Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
Competition (0,1)					



	Gen	
	Sport	
	Codes	
	ExtendedInfos (0,1)	
	ExtendedInfo (1,N)	
	Type	
	Code	
	Pos	
	Value	
	Result (0,N)	
	Rank	
	RankEqual	
	Result	
	IRM	
	SortOrder	
	StartOrder	
	StartSortOrder	
	ResultType	
	Diff	
	ExtendedResults (0,1)	
	ExtendedResult (1,N)	
	Type	
	Code	
	Pos	
	Value	
	Rank	
	RankEqual	
	IRM	
	Diff	
	Competitor (1,N)	
	Code	
	Type	
	Bib	
	Organisation	
	Composition (0,1)	
	Athlete (0,N)	
	Code	
	Order	
	Bib	
	EventUnitEntry (0,N)	
	Type	
	Code	
	Pos	



	Value
--	-------

### 2.3.5.5 Message Values

Element: Competition (0,1)			
Attribute	M/O	Value	Description
Gen	M	S(20)	Version of the General Data Dictionary applicable to the message
Sport	M	S(35)	Version of the Sport Data Dictionary applicable to the message
Codes	M	S(20)	Version of the Codes applicable to the message

Element: Competition /ExtendedInfos /ExtendedInfo (1,N)				
Type	Code	Pos	Description	
UI	LEADER_TIME	S(2)	Pos Description: Intermediate point where the intermediate time is recorded (S, 1, 2..F). Include F for finishing time of the leader. Use "S" to send the time of the leader before start of the second run in the case of two Run Events. Element Expected: always when available	
	Attribute	M/O	Value	Description
	Value	M	m:sS.FF	Time (cumulative in case of second run) at the intermediate point (or S, F) in the current run.
UI	LEADER_SPEED	Positive Integer	Pos Description: Speed trap point as defined in DT_CONFIG Element Expected: always when available	
	Attribute	M/O	Value	Description
	Value	M	##0.00	Speed of the leader at this point in km/h
UI	LEADER	N/A	Element Expected: always when available	
	Attribute	M/O	Value	Description
	Value	M	S(20) without leading zeros	Competitor ID (in TC Team ID) of the event leader, not considering current competitor.
DISPLAY	LAST_COMP	N/A	Element Expected: When available.	
	Attribute	M/O	Value	Description
	Value	M	S(20) without leading zeros	Competitor ID (in TC Team ID) of the last competitor to compete and receive a result.
DISPLAY	CURRENT	Positive Integer	Pos Description: order of the competitors on the course, 1 for the nearest to the finish line. Element Expected: when available	
	Attribute	M/O	Value	Description
	Value	M	S(20) without leading zeros	Competitor ID (in TC Team ID).
DISPLAY	NEXT	N/A	Element Expected: next competitor at start when available	
	Attribute	M/O	Value	Description
	Value	O	S(20) without leading zeros	Competitor ID (in TC Team ID)
DISPLAY	STARTED	N/A	Element Expected: last competitor started, once only (unless a re-run) for each competitor	
	Attribute	M/O	Value	Description
	Value	M	S(20) without leading zeros	Competitor ID (in TC Team ID)





### Sample (Individual event)

```
<ExtendedInfos>
  <ExtendedInfo Type="UI" Code="LEADER_TIME" Pos="1" Value="58.62" />
  <ExtendedInfo Type="UI" Code="LEADER_TIME" Pos="2" Value="1:07.95" />
  <ExtendedInfo Type="UI" Code="LEADER_TIME" Pos="3" Value="1:24.00" />
  <ExtendedInfo Type="UI" Code="LEADER_TIME" Pos="4" Value="1:41.84" />
  <ExtendedInfo Type="UI" Code="LEADER_TIME" Pos="F" Value="1:58.24" />
  <ExtendedInfo Type="UI" Code="LEADER_SPEED" Pos="1" Value="58.24" />
  ...
  <ExtendedInfo Type="UI" Code="LEADER" Value="1109762" />
</ExtendedInfos>
```

Element: Competition /Result (0,N)			
Attribute	M/O	Value	Description
Rank	O	Positive Integer	Rank of the competitor in the event unit. Cumulative Rank in case of 2-run event.
RankEqual	O	Y	'Y' if the rank is equaled, else is not expected.
Result	O	m:sS.FF	Result in the event unit if @ResultType is TIME. Cumulative Time in case of 2-run event.
IRM	O	SC@IRM Code	The invalid result mark (IRM) for the event unit in the case @ResultType is IRM
SortOrder	M	Positive Integer	Order by start order for the competitors in the file (1, 2, 3..). 1=the athlete most advanced on the course etc.
StartOrder	M	Positive Integer	The start order of the unit
StartSortOrder	M	Positive Integer	Same as SortOrder
ResultType	O	SC@ResultType Code	Type of the @Result attribute.
Diff	O	+/-m:sS.FF	Time behind leader in the event unit in case @ResultType is TIME. 0.00 for the leader.

Element: Competition /Result /ExtendedResults /ExtendedResult (1,N)				
Type	Code	Pos	Description	
ER	RE_RUN	N/A	Element Expected: if applicable	
	Attribute	M/O	Value	Description
	Value	M	Y	Y if the competitor is granted a Re-Run (not provisional), remove after the Re-Run is completed.
PROGRESS	INTERMEDIATE	S(2)	Pos Description: Intermediate point where the intermediate time is recorded (S, 1, 2..F). Always send "S" to indicate the competitor started. In 2-Run events, "S" is the point before the competitor starts 2nd Run. Element Expected: when data is available.	
	Attribute	M/O	Value	Description
	Value	M O	m:sS.FF	Time at the intermediate point in the current run (in second run the cumulative time is expected). Not expected for intermediate "S" for 1st run.
	Rank	O	Positive Integer	Rank of the competitor at the intermediate point. Do not consider IRMs at the intermediate point.
	RankEqual	O	Y	'Y' if the rank is equaled, else is not expected.
	IRM	O	SC@IRM Code	Invalid result mark (IRM) only for the first intermediate not reached by the competitor.
	Diff	O	+/-m:sS.FF	The difference behind the overall race leader at this intermediate point (considering all runs). Negative if faster than race leader. 0.00 for the overall race leader.



				In 2-Run events, when Pos="S" for the 2nd Run, then Diff is the 1st Run time difference between the current competitor and the overall leader. Not included in second run until one athlete has completed the run with a time.
PROGRESS		SPEED	S(2)	Pos Description: Speed trap point as defined in DT_CONFIG Element Expected: when available in DH/SG/TC/DH
	<b>Attribute</b>	<b>M/O</b>	<b>Value</b>	<b>Description</b>
	Value	M	##0.00	Speed at this point in km/h
	Rank	O	Positive Integer	Speed rank of the competitor at this point
	RankEqual	O	Y	'Y' if the rank is equaled, else is not expected.
	Diff	O	+/- #0.00	Speed difference compared to the race leader at this speed trap. 0.00 for the leader.

### Sample (Individual event)

```
<Result Rank="2" ResultType="TIME" Result="1:42.68" Diff="+0.04" SortOrder="2" StartOrder="12" StartSortOrder="12" >
  <ExtendedResults>
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="S" />
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="1" Value="24.34" Diff="+0.05" Rank="2" />
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="2" Value="41.68" Diff="+0.11" Rank="5" RankEqual="Y" />
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="3" Value="56.04" Diff="-0.13" Rank="1" />
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="4" Value="1:13.26" Diff="+0.07" Rank="2" />
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="F" Value="1:42.68" Diff="+0.04" Rank="2" />
    <ExtendedResult Type="PROGRESS" Code="SPEED" Pos="1" Value="97.65" Rank="9" Diff="+0.18" />
    <ExtendedResult Type="PROGRESS" Code="SPEED" Pos="2" Value="99.11" Rank="5" Diff="-0.02" />
  </ExtendedResults>
  <Competitor Code="2024039" Type="A" Organisation="GER" >
    <Composition>
      <Athlete Code="2024039" Order="1" Bib="22"/>
    </Composition>
  </Competitor>
</Result>
```

### Sample (for AC-SL, second run, 1st athlete current)

```
<Result SortOrder="1" StartSortOrder="1" StartOrder="1">
  <ExtendedResults>
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Value="1:12.17" Pos="S" Rank="30"/>
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Value="1:30.92" Pos="1" Rank="2" />
  </ExtendedResults>
  <Competitor Type="A" Code="3410544" Organisation="IRI">
    <Composition>
      <Athlete Code="3410544" Order="1" Bib="37"/>
    </Composition>
  </Competitor>
</Result>
```

### Sample (for AC-SL, second run, athlete finished)

```
<Result SortOrder="2" StartSortOrder="2" StartOrder="3" ResultType="TIME" Result="2:11.30" Diff="+1.33" Rank="2">
  <ExtendedResults>
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Value="1:12.05" Pos="S" Diff="-0.03" Rank="28"/>
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Value="1:30.62" Pos="1" Diff="+0.48" Rank="2" />
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Value="1:54.35" Pos="2" Diff="+1.63" Rank="2" />
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Value="2:11.30" Pos="F" Diff="+1.33" Rank="2" />
  </ExtendedResults>
  <Competitor Type="A" Code="3410641" Organisation="CHN">
    <Composition>
      <Athlete Code="3410641" Order="1" Bib="48"/>
    </Composition>
  </Competitor>
</Result>
```

Element: Competition /Result /Competitor (1,N)



Competitor related to the result of one event unit.			
Attribute	M/O	Value	Description
Code	M	S(20) without leading zeros	Competitor ID
Type	M	A, T	A for athlete, T for team
Bib	O	S(5)	Team number (for team event)
Organisation	M	CC@ORGANISATION Id	Competitor's organisation

Element: Competition /Result /Competitor /Composition /Athlete (0,N)			
Attribute	M/O	Value	Description
Code	M	S(20) without leading zeros	Athlete's ID
Bib	O	S(5)	Athlete Bib number (only for Individual events)
Order	M	Positive Integer	1 in individual events (if Competitor @Type="A"), and athlete starting order (1..n) for teams (if Competitor @Type="T"). Order corresponds to the participation sequence of runs (i.e Athlete with Order 1 participates in the 1 <sup>st</sup> run of TC and Athlete with order 2 participates in the 2 <sup>nd</sup> run of TC.

Element: Competition /Result /Competitor /Composition /Athlete /EventUnitEntry (0,N)			
Individual athletes entry information.			
Type	Code	Pos	Description
EUE	UNIT	N/A	Element Expected: TC only
Attribute	M/O	Value	Description
Value	M	CC@EVENT_UNIT Code	Entered Event Unit RSC for the team member

### 2.3.5.6 Message Sort

Sort by Result @StartSortOrder.

## 2.3.6 Cumulative Results

### 2.3.6.1 Description

The Cumulative Results is a message containing the cumulative results for the competitors in a group of units either in a single phase or over a number of phases. This message is used when the competitor scores accumulate over the different units.

The Cumulative Results message in Alpine Skiing is used to send the cumulative results of the competition for Individual Events (with more than one unit/run) and Team Combined.

### 2.3.6.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC@COMPETITION_CODE Id	Competition ID
DocumentCode	CC@EVENT Code	Event RSC This message is not applicable for training.
DocumentSubcode	N/A	N/A
DocumentType	DT_CUMULATIVE_RESULT	Cumulative Results message
DocumentSubtype	N/A	N/A
Version	Positive Integer	Version number (ascending) associated to the message content.
ResultStatus	CC@RESULTSTATUS Code	Expected statuses are: START_LIST LIVE INTERMEDIATE UNOFFICIAL OFFICIAL PROTESTED PROVISIONAL
FeedFlag	P, T	P – Production / T - Test
Date	Date	Refer to ODF header definition
Time	Time	Refer to ODF header definition
LogicalDate	Date	Refer to ODF header definition
Source	SCGEN@Source Code	Code indicating the system which generated the message.

### 2.3.6.3 Trigger and Frequency

The cumulative results accumulate scores/results over a number of units so are generally sent after each DT\_RESULT message if the cumulative message applies (usually using same ResultStatus at DT\_RESULT). When there is no unit in progress the cumulative results will have INTERMEDIATE status.

The first version is generally triggered at the same time as the start list of the first unit is triggered (START\_LIST).

This message is sent in Individual and Team Combined Events:

- When the start list of the first unit is sent (START\_LIST)
- After each competitor completes each run including the first run (LIVE)
- For multiple run events, when the first unit is finished (INTERMEDIATE)
- For multiple run events, when the second run start list is available, send again with cumulative results/rank removed (INTERMEDIATE)
- After the last unit is complete (UNOFFICIAL / OFFICIAL as appropriate)



- If a decision by CAS, IOC, IF is pending (PROVISIONAL)

### 2.3.6.4 Message Structure

The following table defines the structure of the message.

Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	Level 8	Level 9
Competition (0,1)								
	Gen							
	Sport							
	Codes							
	ExtendedInfos (0,1)							
	Progress (0,1)							
	LastUnit							
	SportDescription (0,1)							
	DisciplineName							
	EventName							
	Gender							
	VenueDescription (0,1)							
	Venue							
	VenueName							
	Result (1,N)							
	Rank							
	RankEqual							
	ResultType							
	Result							
	IRM							
	Diff							
	SortOrder							
	ResultItems (0,1)							
	ResultItem (1,N)							
	Unit							
	Order							
	Result (1,1)							
	Rank							
	RankEqual							
	ResultType							
	Result							
	IRM							
	Diff							
	SortOrder							
	ExtendedResults (0,1)							
	ExtendedResult (1,N)							
	Type							
	Code							



	Pos
	Value
	Rank
	RankEqual
	IRM
	SortOrder
	Diff
Competitor (1,1)	
Code	
Type	
Organisation	
Bib	
Description (0,1)	
TeamName	
IFId	
Composition (1,1)	
Athlete (0,N)	
Code	
Order	
Bib	
Description (1,1)	
GivenName	
FamilyName	
Gender	
Organisation	
BirthDate	
IFId	
Class	
Guide(0,N)	
GuideID	
Order	
GuideFamilyName	
GuideGivenName	
EventUnitEntry (0,N)	
Type	
Code	
Pos	
Value	

### 2.3.6.5 Message Values

Element: Competition (0,1)			
Attribute	M/O	Value	Description
Gen	M	S(20)	Version of the General Data Dictionary applicable to the message



Sport	M	S(35)	Version of the Sport Data Dictionary applicable to the message
Codes	M	S(20)	Version of the Codes applicable to the message

**Element: Competition /ExtendedInfos /Progress (0,1)**

Attribute	M/O	Value	Description
LastUnit	M	CC@EVENT_UNIT Code	Event Unit RSC of the most recently completed unit or current unit if in progress included in the message.

**Element: Competition /ExtendedInfos /SportDescription (0,1)**

Attribute	M/O	Value	Description
DisciplineName	M	CC@DISCIPLINE ENG Description	Discipline ENG Description
EventName	M	CC@EVENT ENG Description	Event ENG Description
Gender	M	CC@PERSON_GENDER Id	Gender code for the event unit

**Element: Competition /ExtendedInfos /VenueDescription (0,1)**

Venue Names in Text. DO NOT INCLUDE unless all at single venue and location.

Attribute	M/O	Value	Description
Venue	M	CC@VENUE Id	Venue Code
VenueName	M	CC@VENUE ENG Description	Venue ENG Description

**Element: Competition /Result (1,N)**

For any cumulative results message, there should be at least one competitor being awarded a cumulative result after one event unit or phase.

Attribute	M/O	Value	Description
Rank	O	Positive Integer	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.
RankEqual	O	Y	'Y' if the rank is equaled, else is not expected.
ResultType	O	SC@ResultType Code	Type of the @Result attribute
Result	O	m:sS.FF	The cumulative result of the competitor Send when the @ResultType is TIME
IRM	O	SC@IRM Code	Invalid result mark (IRM) for the cumulative result, in case @ResultType is IRM
Diff	O	+m:sS.FF	Total time behind leader. 0.00 for the leader. Not expected if @ResultType = IRM This value is expected in run 1, it has to be removed as soon as the second run starts and then fill with the cumulative data
SortOrder	M	Positive Integer	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.

**Element: Competition /Result /ResultItems /ResultItem (1,N)**



Identifier of unit, for the schedule item to which it is going to be included the result summary. ResultItem /Result will be for one particular previous unit.

Attribute	M/O	Value	Description
Unit	M	CC@EVENT_UNIT Code	Event Unit RSC
Order	M	Positive Integer	Logical order of the sub-units, chronological.

Element: Competition /Result /ResultItems /ResultItem /Result (1,1)

Attribute	M/O	Value	Description
Rank	O	Positive Integer	Rank of the competitor in the unit identified in @Unit at /ResultItems /ResultItem.
RankEqual	O	Y	'Y' if the rank is equaled, else is not expected.
ResultType	O	SC@ResultType Code	Type of the @Result attribute for the unit identified in @Unit /ResultItems /ResultItem.
Result	O	m:sS.FF	Result of the competitor for the unit identified in @Unit /ResultItems /ResultItem in case @ResultType is TIME
IRM	O	SC@IRM Code	Invalid result mark, in case it is assigned for the unit identified by @Unit /ResultItems /ResultItem in case @ResultType is IRM
Diff	O	+m:sS.FF	Time behind the leader in the unit identified in @Unit /ResultItems /ResultItem (only for those with a result). 0.00 for the leader.
SortOrder	M	Positive Integer	Used to sort all results identified by @Unit /ResultItems /ResultItem

Element: Competition /Result /ResultItems /ResultItem /Result /ExtendedResults /ExtendedResult (1,N)

Type		Code	Pos	Description
CUMULATIVE		INTERMEDIATE	S(2)	Pos Description: Intermediate point where the intermediate time is recorded (S, 1, 2..F). In 2-Run events, for the time difference at start use "S" in @Pos for all athletes including those who have not started yet. Element Expected: always when available
	Attribute	M/O	Value	Description
	Value	O	m:sS.FF	Cumulative time of the phase at the intermediate point considering all runs to this point.
	Rank	O	Positive Integer	Rank of the competitor at the intermediate point
	RankEqual	O	Y	'Y' if the rank is equaled, else is not expected.
	IRM	O	SC@IRM Code	Invalid result mark (IRM) expected only for the first intermediate point not reached by the competitor.
	SortOrder	M O	Positive Integer	Order of the competitor at the intermediate point. Expected always when available
	Diff	O	+/-m:sS.FF	Total time difference to the phase leader at this intermediate point in the current run. 0.00 for the leader.  In 2-Run events, when @Pos is S for the 2nd Run, then Diff is the Run 1 time difference between the current competitor and the current phase leader.
ER		MOVE	N/A	Element Expected: only for the run/race 2
	Attribute	M/O	Value	Description
	Value	O	+/-Integer	Related to Intermediate Point F. Change in rank from Run 1 to rank after Run 2. During Run 2, the value does not take into account those athletes still to compete (Run 1 rank used for calculation is related to those competitors who finished Run 2).





## Sample (Individual two run event)

```
<Result Rank="18" Result="2:04.98" ResultType="TIME" SortOrder="18" Diff="+1.73">
  <ResultItems>
    <ResultItem Unit="ALPMGS-----FNL-000100--" Order="1">
      <Result Rank="1" ResultType="TIME" Result="1:01.28" Diff="0.00" SortOrder="1">
        <ExtendedResults>
          <ExtendedResult Type="CUMULATIVE" Code="INTERMEDIATE" Pos="1" Value="12.02" Diff="0.00" Rank="1"
SortOrder="1"/>
          <ExtendedResult Type="CUMULATIVE" Code="INTERMEDIATE" Pos="2" Value="24.14" Diff="0.00" Rank="1"
SortOrder="1"/>
          <ExtendedResult Type="CUMULATIVE" Code="INTERMEDIATE" Pos="3" Value="36.61" Diff="0.00" Rank="1"
SortOrder="1"/>
          <ExtendedResult Type="CUMULATIVE" Code="INTERMEDIATE" Pos="4" Value="48.83" Diff="0.00" Rank="1"
SortOrder="1"/>
          <ExtendedResult Type="CUMULATIVE" Code="INTERMEDIATE" Pos="F" Value="1:01.28" Diff="0.00" Rank="1"
SortOrder="1"/>
        </ExtendedResults>
      </Result>
    </ResultItem>
    <ResultItem Unit="ALPMGS-----FNL-000200--" Order="2">
      <Result Rank="27" ResultType="TIME" Result="1:03.70" Diff="+2.15" SortOrder="27">
        <ExtendedResults>
          <ExtendedResult Type="CUMULATIVE" Code="INTERMEDIATE" Pos="S" Value="1:01.28" Diff="-0.42" Rank="1"
SortOrder="1"/>
          <ExtendedResult Type="CUMULATIVE" Code="INTERMEDIATE" Pos="1" Value="1:14.06" Diff="+0.15" Rank="2"
SortOrder="2"/>
          <ExtendedResult Type="CUMULATIVE" Code="INTERMEDIATE" Pos="2" Value="1:26.90" Diff="+0.86" Rank="3"
RankEqual="Y" SortOrder="3"/>
          <ExtendedResult Type="CUMULATIVE" Code="INTERMEDIATE" Pos="3" Value="1:39.89" Diff="+1.61" Rank="13"
RankEqual="Y" SortOrder="14"/>
          <ExtendedResult Type="CUMULATIVE" Code="INTERMEDIATE" Pos="4" Value="1:52.64" Diff="+1.60" Rank="19"
SortOrder="19"/>
          <ExtendedResult Type="CUMULATIVE" Code="INTERMEDIATE" Pos="F" Value="2:04.98" Diff="+1.73" Rank="18"
SortOrder="18"/>
          <ExtendedResult Type="ER" Code="MOVE" Value="-17"/>
        </ExtendedResults>
      </Result>
    </ResultItem>
  </ResultItems>
  <Competitor Type="A" Code="8500733" Organisation="NED">
    <Composition>
      <Athlete Code="8500733" Order="1" Bib="20">
        <Description GivenName="Fredrick" FamilyName="Gilbertson" Gender="M" Organisation="NED" BirthDate="1982-04-15"
IFId="136"/>
      </Athlete>
    </Composition>
  </Competitor>
</Result>
```

### Element: Competition /Result /Competitor (1,1)

Competitor related to one cumulative result.

Attribute	M/O	Value	Description
Code	M	S(20) without leading zeros	Competitor's ID
Type	M	A, T	A for athlete, T for team
Bib	O	S(5)	Team Bib number (TC only)
Organisation	M	CC@ORGANISATION Id	Competitor's organisation

### Element: Competition /Result /Competitor /Description (0,1)

Used in Team events only



Attribute	M/O	Value	Description
TeamName	M	S(73)	Name of the team
IFId	O	S(16)	International Federation ID

**Element: Competition /Result /Competitor /Composition /Athlete (0,N)**

Attribute	M/O	Value	Description
Code	M	S(20) without leading zeros	Athlete's ID
Order	M	Positive Integer	1 in individual events (if Competitor @Type="A"), and athlete starting order (1..n) for teams (if Competitor @Type="T"). Order corresponds to the participation sequence of runs (i.e Athlete with Order 1 participates in the 1 <sup>st</sup> run of TC and Athlete with order 2 participates in the 2 <sup>nd</sup> run of TC.
Bib	O	S(5)	Bib number (Individual events only)

**Element: Competition /Result /Competitor /Composition /Athlete /Description (1,1)**

Attribute	M/O	Value	Description
GivenName	O	S(25)	Preferred Given Name
FamilyName	M	S(25)	Preferred Family Name
Gender	M	CC@PERSON_GENDER Id	Gender of the athlete
Organisation	M	CC@ORGANISATION Id	Athletes' organisation
BirthDate	O	YYYY-MM-DD	Date of Birth, must be included if the data is available
IFId	O	S(16)	International Federation ID
Class	O	CC@DISCIPLINE_CLASS Class	Code to identify the sport class in the case of events with athletes with a disability (e.g: Paralympic Games).

**Element: Competition /Result /Competitor /Composition /Athlete /Guide (0,N)**

Attribute	M/O	Value	Description
GuideID	M	S(20) without leading zeros	ID of the athlete's guide.
Order	M	Positive Integer	Order used to sort the athlete's guide.
GuideFamilyName	O	S(25)	Preferred Family Name of the athlete's guide.
GuideGivenName	M	S(25)	Preferred Given Name of the athlete's guide.

**Element: Competition /Result /Competitor /Composition /Athlete /EventUnitEntry (0,N)**

Type		Code	Pos	Description
EUE		UNIT	N/A	Element Expected: TC only
	Attribute	M/O	Value	Description
	Value	M	CC@EVENT_UNIT Code	Entered Event Unit RSC for the team member

### 2.3.6.6 Message Sort

The ResultItems should be ordered in the same order in which they took place, earliest to latest.

Result @SortOrder will be the attribute used to sort the results.

During a unit (particularly units where athletes participate one-by-one). Then the order should be:

- 1) All competitors finished the current unit ordered by overall rank
- 2) All competitors on course (in the order of their result at the intermediate; in case of several intermediates from the one further down the course to the one nearest to the start)



- 3) All competitors still to start in the current unit (start order)
- 4) All competitors not qualified, but having a score from previous units
- 5) All competitors with IRM (sorting according to Discipline/ORIS standard order)

## 2.3.7 Image

### 2.3.7.1 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 can contain the Course Map image. Each message contains only one course map image.

### 2.3.7.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC@COMPETITION_CODE Id	Competition ID
DocumentCode	CC@EVENT Code	Event RSC
DocumentSubcode	N/A	N/A
DocumentType	DT_IMAGE	Image message
DocumentSubtype	COURSEMAP	Document SubType
Version	Positive Integer	Version number (ascending) associated to the message content.
ResultStatus	N/A	N/A
FeedFlag	P, T	P – Production / T - Test
Date	Date	Refer to ODF header definition
Time	Time	Refer to ODF header definition
LogicalDate	Date	Refer to ODF header definition
Source	SCGEN@Source Code	Code indicating the system which generated the message.

### 2.3.7.3 Trigger and Frequency

As soon as the image is available and after any change.

### 2.3.7.4 Message Structure

The following table defines the structure of the message.

Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	Level 8
Competition (0,1)							
	Gen						
	Sport						
	Codes						
	Image (1,N)						
		Pos					
		Version					
		Revision					
		ImageType					
		ImageData (1,1)					
			-				



### 2.3.7.5 Message Values

Element: Competition (0,1)			
Attribute	M/O	Value	Description
Gen	M	S(20)	Version of the General Data Dictionary applicable to the message
Sport	M	S(35)	Version of the Sport Data Dictionary applicable to the message
Codes	M	S(20)	Version of the Codes applicable to the message

Element: Competition /Image (1,N)			
Always only one image per message			
Attribute	M/O	Value	Description
Pos	M	1	Always send 1
Version	M	Positive Integer	Document Version
Revision	M	0	Document Revision
ImageType	M	jpg, png	Image type extension

Element: Competition /Image /ImageData (1,1)			
Attribute	M/O	Value	Description
-	M	Free Text	The ImageData element has a body consisting of one Base64-encoded report

#### Sample (CourseMap)

```
<Image Pos="1" Version="1" Revision="0" ImageType="jpg" >  
  <ImageData>/9j/4AAQSkZJRgABAQEAAAAAAAA ETC ETC //2Q==</ImageData>  
</Image>
```

### 2.3.7.6 Message Sort

N/A

## 2.3.8 Event Final Ranking

### 2.3.8.1 Description

The event final ranking is a message containing the final results and ranking at the completion of one particular event, either for individual athletes or for aggregated athletes.

The final ranking message is a generic message for all sports, including the full event final result for all competitors who were either ranked, got an Invalid Rank Mark (disqualified, etc.), or both.

Depending on the sport rules include all competitors in the competition as all can be ranked (as in Marathon) or only include those with a final ranking as other are unranked (as in tennis).

### 2.3.8.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC@COMPETITION_CODE Id	Competition ID
DocumentCode	CC@EVENT Code	Event RSC
DocumentSubcode	N/A	N/A
DocumentType	DT_RANKING	Event Final ranking message
DocumentSubtype	N/A	N/A
Version	Positive Integer	Version number (ascending) associated to the message content.
ResultStatus	CC@RESULTSTATUS Code	Expected statuses are: PARTIAL OFFICIAL PROVISIONAL
FeedFlag	P, T	P – Production / T - Test
Date	Date	Refer to ODF header definition
Time	Time	Refer to ODF header definition
LogicalDate	Date	Refer to ODF header definition
Source	SCGEN@Source Code	Code indicating the system which generated the message.

### 2.3.8.3 Trigger and Frequency

This message is only triggered after a unit which affects the final ranking is official and that particular ranking is not subject to change or some ranking in that unit are not subject to change.

- In all events send after the full competition as OFFICIAL.
- If a decision by CAS, IOC, IF is pending as PROVISIONAL

### 2.3.8.4 Message Structure

The following table defines the structure of the message.

Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Level 7	Level 8
Competition (0,1)							
	Gen						
	Sport						
	Codes						
	ExtendedInfos (0,1)						



SportDescription (0,1)	
DisciplineName	
EventName	
Gender	
Result (1,N)	
Rank	
RankEqual	
ResultType	
Result	
Diff	
IRM	
SortOrder	
ExtendedResults (0,1)	
ExtendedResult (1,N)	
Type	
Code	
Pos	
Value	
Competitor (1,1)	
Code	
Type	
Organisation	
Bib	
Description (0,1)	
TeamName	
IFId	
Composition (1,1)	
Athlete (0,N)	
Code	
Order	
Description (1,1)	
GivenName	
FamilyName	
Gender	
Organisation	
BirthDate	
IFId	
Class	
Guide(0,N)	
GuideID	
Order	
GuideFamilyName	
GuideGivenName	



### 2.3.8.5 Message Values

Element: Competition (0,1)			
Attribute	M/O	Value	Description
Gen	M	S(20)	Version of the General Data Dictionary applicable to the message
Sport	M	S(35)	Version of the Sport Data Dictionary applicable to the message
Codes	M	S(20)	Version of the Codes applicable to the message

Element: Competition /ExtendedInfos /SportDescription (0,1)			
Attribute	M/O	Value	Description
DisciplineName	M	CC@DISCIPLINE ENG Description	Discipline ENG Description
EventName	M	CC@EVENT ENG Description	Event ENG Description . Must be included if it is a single event
Gender	M	CC@PERSON_GENDER Id	Gender code for the event unit. Must be included if it is a single gender

Element: Competition /Result (1,N)			
For any event final ranking message, there should be at least one competitor being awarded a result for the event.			
Attribute	M/O	Value	Description
Rank	O	Positive Integer	Rank of the competitor in the event. This attribute is optional because the competitor could get an invalid result mark.
RankEqual	O	Y	'Y' if the rank is equaled, else is not expected.
ResultType	O	SC@ResultType Code	Type of @Result attribute
Result	O	m:sS:FF	Result of the competitor if ResultType is TIME
Diff	O	+m:sS:FF	Time behind the leader if @ResultType is TIME (only for those with a result). 0.00 for the leader.
IRM	O	SC@IRM Code	Invalid result mark (IRM) of the competitor.
SortOrder	M	Positive Integer	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.

Element: Competition /Result /ExtendedResults /ExtendedResult (1,N)			
(for Individual events)			
Type	Code	Pos	Description
ER	RACE_PTS	N/A	Element Expected: always in individual events
Attribute	M/O	Value	Description
Value	M	##0.00	Race points

#### Sample (Individual event)





```
<Result Rank="2" ResultType="TIME" Result="2:35.02" Diff="+0.40" SortOrder="2" >
  <ExtendedResults>
    <ExtendedResult Type="ER" Code="RACE_PTS" Value="2.77" />
  </ExtendedResults>
  <Competitor Code="2023550" Type="A" Organisation="GER" >
    <Composition>
      <Athlete Code="2023550" Order="1" >
        <Description GivenName="John" FamilyName="SMITH" Gender="M" Organisation="GER" BirthDate="1994-12-15"
        IFId="291459" />
      </Athlete>
    </Composition>
  </Competitor>
</Result>
```

#### Sample (Team event)

```
<Result Rank="2" SortOrder="2">
  <Competitor Code="ALPXTE-----SUI01" Type="T" Organisation="SUI" >
    <Description TeamName="Switzerland" IFId="1234566" />
    <Composition>
      <Athlete Code="2023550" Order="1" >
        <Description GivenName="John" FamilyName="SMITH" Gender="M" Organisation="SUI" BirthDate="1994-12-15" IFId="460060"
      />
      </Athlete>
      <Athlete Code="2031721" Order="1" >
        <Description GivenName="DJ" FamilyName="BROWN" Gender="M" Organisation="SUI" BirthDate="1992-12-14" IFId="465098"
      />
      </Athlete>
      <Athlete Code="2031624" Order="3" >
        <Description GivenName="Marie" FamilyName="GAGNON" Gender="F" Organisation="SUI" BirthDate="1994-12-15"
        IFId="460071" />
      </Athlete>
    </Composition>
  </Competitor>
</Result>
```

#### Element: Competition /Result /Competitor (1,1)

Attribute	M/O	Value	Description
Code	M	S(20) without leading zeros	Competitor's ID. "NOCOMP" in the case where there is no competitor in the rank due to IRM.
Type	M	A, T	A for athlete, T for team
Bib	O	S(5)	Team Bib number (for team event)
Organisation	O	CC@ORGANISATION Id	Competitor's organisation if known

#### Element: Competition /Result /Competitor /Description (0,1)

Attribute	M/O	Value	Description
TeamName	M	S(73)	Name of the team. Only applies for teams
IFId	O	S(16)	International Federation ID

#### Element: Competition /Result /Competitor /Composition /Athlete (0,N)

Attribute	M/O	Value	Description
Code	M	S(20) without leading zeros	Competitor ID, corresponding to an individual athlete or a team member.
Bib	O	S(5)	Bib number, only for Individual events
Order	M	Positive Integer	Order attribute used to sort team members in a team (if Competitor @Type="T") or 1 if Competitor @Type="A".

#### Element: Competition /Result /Competitor /Composition /Athlete /Description (1,1)



Attribute	M/O	Value	Description
GivenName	O	S(25)	Preferred Given Name
FamilyName	M	S(25)	Preferred Family Name
Gender	M	CC@PERSON_GENDER Id	Gender of the athlete
Organisation	M	CC@ORGANISATION Id	Athletes' organisation
BirthDate	O	YYYY-MM-DD	Date of Birth, must be included if the data is available
IFId	O	S(16)	International Federation ID
Class	O	CC@DISCIPLINE_CLASS Class	Code to identify the sport class in the case of events with athletes with a disability (e.g: Paralympic Games).

Element: Competition /Result /Competitor /Composition /Athlete /Guide (0,N)			
Attribute	M/O	Value	Description
GuideID	M	S(20) without leading zeros	ID of the athlete's guide.
Order	M	Positive Integer	Order used to sort the athlete's guide.
GuideFamilyName	O	S(25)	Preferred Family Name of the athlete's guide.
GuideGivenName	M	S(25)	Preferred Given Name of the athlete's guide.

### 2.3.8.6 Message Sort

Sort by Result @SortOrder

## 2.3.9 Configuration

### 2.3.9.1 Description

The configuration is a message containing general parameters.

- Ideally the configuration should be provided before the competition. However, it may be that the configuration for one event, phase or event unit is not known in advance. In that case do not send the unknown attributes.
- Intermediate points and speed measurement points (Speed traps) explanation:
  - Intermediates are defined in /Config /ExtendedConfig (Type=EC, Code=INTERMEDIATE, Pos=sequential number, Value=Intermediate point text description - requirement ref from ORIS output C77B: Int.1=Worker City/Tunnel).
  - Instant speed is measured at different points within the course with the use of speed traps. Speed measurement points (speed traps) are defined in /Config /ExtendedConfig (Type=EC, Code=SPEED, Pos=sequential number, Value=Speed trap text description).
  - The INT\_ORDER config extension is additional information only and it is nested inside the SPEED element. It says what is the intermediate point closer to the specific speed trap either before or at the same distance as the speed trap.

### 2.3.9.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC@COMPETITION_CODE Id	Competition ID
DocumentCode	CC@EVENT_UNIT Code	Event Unit RSC
DocumentSubcode	N/A	N/A
DocumentType	DT_CONFIG	Configuration message
DocumentSubtype	N/A	N/A
Version	Positive Integer	Version number (ascending) associated to the message content.
ResultStatus	N/A	N/A
FeedFlag	P, T	P – Production / T - Test
Date	Date	Refer to ODF header definition
Time	Time	Refer to ODF header definition
LogicalDate	Date	Refer to ODF header definition
Source	SCGEN@Source Code	Code indicating the system which generated the message.

### 2.3.9.3 Trigger and Frequency

The message is sent prior to any ODF results message and in case of any change. Generally the configuration must be provided before the start list of the event unit. If a DT\_CONFIG message is sent after a DT\_RESULT then a new version of DT\_RESULT must be sent immediately.

In the case of a two run events, the DT\_CONFIG for the second run must be sent at the same time as the first run with as much information as available. The updated version should be re-sent after the first run and immediately before the start list for the second run.

### 2.3.9.4 Message Structure

The following table defines the structure of the message.

Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
---------	---------	---------	---------	---------	---------



Competition (0,1)			
	Gen		
	Sport		
	Codes		
	Configs (1,1)		
		Config (1,N)	
			Unit
		ExtendedConfig (1,N)	
			Type
			Code
			Pos
			Value
		ExtendedConfigItem (0,N)	
			Code
			Pos
			Value

### 2.3.9.5 Message Values

Element: Competition (0,1)			
Attribute	M/O	Value	Description
Gen	M	S(20)	Version of the General Data Dictionary applicable to the message
Sport	M	S(35)	Version of the Sport Data Dictionary applicable to the message
Codes	M	S(20)	Version of the Codes applicable to the message

Element: Competition /Configs /Config (1,N)			
Attribute	M/O	Value	Description
Unit	M	CC@EVENT_UNIT Code	Event Unit RSC.

Element: Competition /Configs /Config /ExtendedConfig (1,N)				
Type		Code	Pos	Description
FIS		CODEX	N/A	Element Expected: when available
	Attribute	M/O	Value	Description
	Value	M	S(10)	FIS Codex
FIS		CODEX_SCDH	N/A	Element Expected: speed event in TC
	Attribute	M/O	Value	Description
	Value	M	S(10)	FIS Codex for speed part in TC
FIS		HOMOLOGATION	N/A	Element Expected: when available
	Attribute	M/O	Value	Description
	Value	M	S(25)	FIS Homologation number
COURSE		NAME	N/A	Element Expected: when available
	Attribute	M/O	Value	Description
	Value	M	S(25)	Name of the course in ENG
COURSE		LENGTH	N/A	Element Expected: always
	Attribute	M/O	Value	Description



	Value	M	###0	Total length of the course in meters.
COURSE		ALTITUDE	N/A	Element Expected: always
	Sub Element: Competition /Configs /Config /ExtendedConfig /ExtendedConfigItem Expected Always			
	Attribute	Value	Description	
	Code	DROP		
	Pos	N/A		
	Value	###0	Total vertical drop in meters	
	Sub Element: Competition /Configs /Config /ExtendedConfig /ExtendedConfigItem Expected Always			
	Attribute	Value	Description	
	Code	START		
	Pos	N/A		
	Value	###0	Altitude at the start point in meters	
	Sub Element: Competition /Configs /Config /ExtendedConfig /ExtendedConfigItem Expected Always			
	Attribute	Value	Description	
	Code	FINISH		
	Pos	N/A		
	Value	###0	Altitude at the finish in meters	
COURSE		GRADIENT	N/A	Element Expected: always
	Sub Element: Competition /Configs /Config /ExtendedConfig /ExtendedConfigItem Expected Always			
	Attribute	Value	Description	
	Code	AVG		
	Pos	N/A		
	Value	#0.00	Average Gradient	
	Sub Element: Competition /Configs /Config /ExtendedConfig /ExtendedConfigItem Expected Always			
	Attribute	Value	Description	
	Code	MAX		
	Pos	N/A		
	Value	#0.00	Maximum Gradient	
	Sub Element: Competition /Configs /Config /ExtendedConfig /ExtendedConfigItem Expected Always			
	Attribute	Value	Description	
	Code	MIN		
	Pos	N/A		
	Value	[ - ]#0.00	Minimum Gradient	
EC		GATES_NUM	N/A	Element Expected: always
	Attribute	M/O	Value	Description
	Value	M	<div>#0</div> <div>##0</div>	Number of gates.
EC		GATES_TURNING	N/A	Element Expected: always except DH and TC
	Attribute	M/O	Value	Description
	Value	M	<div>#0</div>	Number of turning gates



			##0	
FORERUNNER		FRNR_CODE	Positive Integer	Pos Description: start order of the forerunners Element Expected: always if available
	Attribute	M/O	Value	Description
	Value	M	SC@ForerunnerBib Code	Forerunners Bib
	Sub Element: Competition /Configs /Config /ExtendedConfig /ExtendedConfigItem Expected Always			
	Attribute	Value	Description	
	Code	ORGANISATION		
	Pos	N/A		
	Value	CC@ORGANISATION Id	Organisation ID of the forerunner.	
Sub Element: Competition /Configs /Config /ExtendedConfig /ExtendedConfigItem Expected Always				
	Attribute	Value	Description	
	Code	FAMILY_NAME		
	Pos	N/A		
	Value	S(25)	Family name of the forerunner (uppercase)	
Sub Element: Competition /Configs /Config /ExtendedConfig /ExtendedConfigItem Expected Always				
	Attribute	Value	Description	
	Code	GIVEN_NAME		
	Pos	N/A		
	Value	S(25)	Given name of the forerunner (mixed)	
EC		INTERMEDIATE	S(2)	Pos Description: intermediate point ID: S for start, 1, N for intermediates along the course, F for finish point. Element Expected: for each ITP
	Attribute	M/O	Value	Description
	Value	M0	S(25)	Name of the intermediate point in ENG. Do not include for S or F.
	EC			
		INTERMEDIATES_NUM	N/A	Element Expected: always
	Attribute	M/O	Value	Description
	Value	M	Positive Integer	Total number of intermediate points where the time is recorded including F
EC		SPEED	Positive Integer	Pos Description: speed trap ID (1, N) Element Expected: for each speed trap
	Attribute	M/O	Value	Description
	Value	M	S(25)	Name of the speed trap point in ENG.
	Sub Element: Competition /Configs /Config /ExtendedConfig /ExtendedConfigItem Expected Always			
	Attribute	Value	Description	
	Code	INT_ORDER		
	Pos	N/A		
	Value	S(2)	INTERMEDIATE@Pos where the speed out is recorded. If the speed is a separate point then @Vaue is the intermediate point immediately before this speed trap (there can be more than one speed trap with the same value though @Pos will be different)	
EC		SPEED_NUM	N/A	Element Expected: always if not zero
	Attribute	M/O	Value	Description
	Value	M	Positive Integer	Total number of speed traps



EC	RUN	N/A	Element Expected: expected if more than one run
Attribute	M/O	Value	Description
Value	M	1, 2	Run related to the Event Unit (usually 1 or 2)

### Sample (Individual)

```
<Configs>
<Config Unit="ALPMDH-----FNL-000100--">
  <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="5" />
  <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>
```

### 2.3.9.6 Message Sort

There is no general message sorting rule.

## 2.3.10 Weather conditions

### 2.3.10.1 Description

The Weather Conditions is a message containing the current weather conditions in the venue.

### 2.3.10.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC@COMPETITION_CODE Id	Competition ID
DocumentCode	CC@DISCIPLINE Code	Discipline RSC
DocumentSubcode	CC@LOCATION Id	Location ID
DocumentType	DT_WEATHER	Weather conditions in the venue or location
DocumentSubtype	N/A	N/A
Version	Positive Integer	Version number (ascending) associated to the message content.
ResultStatus	N/A	N/A
FeedFlag	P, T	P – Production / T - Test
Date	Date	Refer to ODF header definition
Time	Time	Refer to ODF header definition
LogicalDate	Date	Refer to ODF header definition
Source	SCGEN@Source Code	Code indicating the system which generated the message.

### 2.3.10.3 Trigger and Frequency

The message is sent for each session 30 - 60 minutes before the start of the session and then hourly until the end of the session.

### 2.3.10.4 Message Structure

The following table defines the structure of the message.

Level 1	Level 2	Level 3	Level 4	Level 5
Competition (0,1)				
	Gen			
	Sport			
	Codes			
	Weather (1,1)			
		Date		
		Conditions (1,N)		
			Code	
			Humidity	
			Wind_Direction	
			Prec_Type	
			Condition (0,3)	
				Code





	Value
Temperature (0,N)	
	Code
	Unit
	Value
Wind (0,N)	
	Code
	Unit
	Value
	Type

### 2.3.10.5 Message Values

Element: Competition (0,1)			
Attribute	M/O	Value	Description
Gen	M	S(20)	Version of the General Data Dictionary applicable to the message
Sport	M	S(20)	Version of the Sport Data Dictionary applicable to the message
Codes	M	S(20)	Version of the Codes applicable to the message

Element: Competition /Weather (1,1)			
Attribute	M/O	Value	Description
Date	M	DateTime	Date/time of the conditions

Element: Competition /Weather /Conditions (1,N)			
Attribute	M/O	Value	Description
Code	M	SC@WeatherPoint Code	Weather Points, send START and FINISH
Humidity	O	##0	Humidity in %
Wind_Direction	O	CC@WIND_DIRECTION Id	Wind direction
Prec_Type	O	SCGEN@PrecType Code	Precipitation type (if applicable)

Element: Competition /Weather /Conditions /Condition (0,3)			
Attribute	M/O	Value	Description
Code	M	SKY, SNOW	Weather condition type
Value	M	CC@WEATHER_COND_SNOW Id CC@WEATHER_COND Id	CC@WEATHER_COND_SNOW for SNOW CC@WEATHER_COND for SKY

Element: Competition /Weather /Conditions /Temperature (0,N)			
Attribute	M/O	Value	Description
Code	M	AIR, SNOW	Temperature type
Unit	M	SCGEN@TemperatureUnit Code	Unit for temperature, send both Celsius and Fahrenheit.
Value	M	[-]#0.0	Temperature of the @Code.



Element: Competition /Weather /Conditions /Wind (0,N)			
Attribute	M/O	Value	Description
Code	M	SPEED	Wind Speed
Unit	M	SCGEN@WindUnit Code	Unit for Wind. Use MS
Value	M	##0.0	Wind speed in @Unit
Type	O	SCGEN@WindSpeedType Code	Average, Maximum and Min wind speed to calculate the wind speed range

### Sample (Weather)

```
<Weather Date="2006-02-06T13:00:00+01:00" >
  <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" Type="MAX"/>
    <Wind Code="SPEED" Unit="MS" Value="0.0" />
  </Conditions>
</Weather>
```

### 2.3.10.6 Message Sort

There is no special sort order requirement for this message.



### 3 Message Timeline

#### 3.1 Preparation Phase

Trigger	Message	Status	D	E	P	S	U
As soon as ODF operations start	DT_CODES						
Periodically as soon as ODF operations start	DT_PARTIC		x				
	DT_SCHEDULE		x		o		o

#### 3.2 Before competition

Trigger	Message	Status	D	E	P	S	U
After Initial Download - as soon as Participant verification process finishes (C38/C39 process) or after any other change in participant's data	DT_PARTIC_UPDATE		x				
If there are changes in officials data (RSC at Gender Level)	DT_PDF C35 Competition Officials						
After Initial Download - when OVR becomes owner of data	DT_PDF C30 Number of Entries by NOC		x				
After Initial Download - when OVR becomes owner of data	DT_IMAGE (Course Map)			x			
After Initial Download - after any competition schedule change	DT_SCHEDULE_UPDATE		x		o		o
	DT_PDF C08 Competition Schedule		x				
For each event	DT_PDF C26A FIS WCSL List			x			
For each gender (RSC at Gender Level)	DT_PDF C25B FIS World Cup Standings						
For each event	DT_PDF C26A FIS WCSL List			x			
For each gender (RSC at Gender Level)	DT_PDF C26B Overall FIS WCSL List						
After the Draw/Team Captain's Meeting	DT_PARTIC_TEAM_UPDATE		x				
	DT_ENTRIES			x			
	DT_ENTRIES_TEAMS			x			
Event format is defined Two Run events: the second run must be sent at the same time as the first run with as much information as is available	DT_CONFIG						x
Start List is known	DT_RESULT	START_LIST					x
In Two Run events/ Team Combined	DT_CUMULATIVE_RESULT	START_LIST		x			
	DT_PDF C51X	START_LIST					x
After the Draw/Team Captain's Meeting	DT_PDF C32C			x			

#### 3.3 During Training

Trigger	Message	Status	D	E	P	S	U
First athlete in position, approx. 30 seconds before start	DT_SCHEDULE_UPDATE	GETTING_READY	x		o		o
First athlete's clock begins	DT_SCHEDULE_UPDATE	RUNNING	x		o		o
	DT_RESULT	LIVE					x



	DT_CURRENT						4
--	------------	--	--	--	--	--	---

### 3.4 After Training

Trigger	Message	Status	D	E	P	S	U
When competition finishes (last athlete passes the finish line)	DT_SCHEDULE_UPDATE	FINISHED	x		o		o
	DT_RESULT	OFFICIAL					x
When protest period is finished and results are approved	DT_RESULT	OFFICIAL					x
	DT_PDF C77A Performance Analysis by Rank						x
	DT_PDF C77B Performance Analysis by Bib						x
	DT_PDF C73A Results	OFFICIAL					x

### 3.5 During competition

Trigger	Message	Status	D	E	P	S	U
First athlete in position, approx. 30 seconds before start	DT_SCHEDULE_UPDATE	GETTING_READY	X		o		o
First athlete's clock begins	DT_SCHEDULE_UPDATE	RUNNING	X		o		o
	DT_RESULT	LIVE					x
	DT_CURRENT						x
First athlete's clock begins in two run events	DT_CUMULATIVE_RESULT	LIVE		x			

Legend:

**D** Discipline; **E** Event; **P** Phase; **S** Session; **U** Unit

**x** Sent on that level; **o** Includes info from that level



## 4 Document Control

Version history		
Version	Date	Comments
V0.1	31 Oct 2023	First Version
V0.2	13 Nov 2023	Updated after ODF Review
V0.3	21 Nov 2023	Reviewed for cross sport changes.
V0.4	7 Feb 2024	Corrections and cross sport alignments, Paralympics reviewed
V0.5	18 Apr 2024	Corrections and cross sport alignments
V0.6	5 August 2024	Corrections after PT1 and cross sport alignments,
V1.0	2 October 2024	Approved version

### File Reference: OWG2026-ALP-1.0, APP

Change Log		
Version	Status	Changes on version
V0.1	SFR	First Version
V0.2	SFR	<p>DT_ENTRIES and DT_ENTRIES_TEAMS introduced.</p> <p>PROVISIONAL Results Status introduced across the applicable messages. Modification indicator removed.</p> <p>DT_PARTIC/DT_PARTIC_TEAMS:</p> <p>Description of the messages adjusted. Current attribute removed</p> <p>DocumentSubtype values updated to include SYNC.</p> <p>PSCB name variations included.</p> <p>Structure of the messages updated removing event entry specific data.</p> <p>DT_ENTRIES:</p> <p>Competition /Entry /ExtendedEntry /IFRANK and IFPTS introduced</p> <p>Competition /Entry /Bib and Status removed</p> <p>DT_ENTRIES_TEAM: Competition/TeamEntry /Status and Bib removed</p> <p>DT_RESULT:</p> <p>References to Alpine Team Combined (run or overall) removed</p> <p>Trigger and Frequency: Trigger description updated. Message structure updated</p> <p>Competition /ExtendedInfos /ExtendedInfo /UI /GATES_NUM, GATES_TURNING, FORERUNNER deleted and moved to DT_CONFIG.</p> <p>Competition /ExtendedInfos /ExtendedInfo /UI /LAST_UNIT deleted.</p> <p>Competition /ExtendedInfos /ExtendedInfo /Competitor deleted, and information moved to DT_CONFIG.</p> <p>Competition /Result /QualificationMark, WLT removed and Values adjusted to remove POINTS and Course Code.</p> <p>Competition /Result /ExtendedResults /ExtendedResult /ER /RULE deleted</p> <p>Competition /Result /ExtendedResults /ExtendedResult /ER /JURY_DECISION added.</p> <p>Competition /Result /ExtendedResults /ExtendedResult /Extension /DIFF_FAST_IRM, ERANK_IRM, RANK_IRM removed</p> <p>Competition /Result /ExtendedResults /ExtendedResult /ER /TIE_BREAK removed</p> <p>Competition /Result /ExtendedResults /ExtendedResult /CRITERIA / removed all codes and extensions under this type.</p> <p>Competition /Result /ResultItems /ResultItem and extensions deleted.</p> <p>Competition /Result /Competitor /EventUnitEntry /EUE /SNOWSEED added</p> <p>Competition /Result /Competitor /EventUnitEntry /EUE /TEAM_LEADER deleted</p> <p>Competition /Result /Competitor /Composition /Athlete / Order description updated.</p> <p>Competition /Result /Competitor /Composition /Athlete /EventUnitEntry /EUE /UNIT added.</p> <p>DT_CURRENT:</p> <p>Trigger and Frequency updated, Message Structure updated.</p> <p>Descriptions updated.</p> <p>Competition /Result /Competitor /Composition /Athlete /EventUnitEntry /EUE /UNIT added.</p> <p>DT_CUMULATIVE:</p> <p>Trigger and Frequency updated, Message Structure updated.</p> <p>Competition /Result /ExtendedResults /ExtendedResult /PROGRESS removed</p> <p>Competition /Result /ResultItems /ResultItem /Result /ExtendedResults /ExtendedResult /PROGRESS /INTERMEDIATE and MOVE added.</p> <p>Competition /Result /Competitor /Description added and Order description updated.</p> <p>Competition /Result /Competitor /Composition /Athlete /EventUnitEntry /EUE /UNIT attribute added.</p> <p>DT_BRACKETS message removed.</p> <p>DT_IMAGE (COURSEMAP) message introduced.</p>



		<p>DT_RANKING: Competition /ExtendedInfos /ExtendedInfo removed. Competition /Result /Competitor and Competition /Result /Competitor and Competition /Result /Competitor /Composition /Athlete Bib attributes added. Competition /Result /Competitor /Composition /Athlete /ExtendedResults /ExtendedResult Element removed. DT_CONFIGURATION: DocumentCode only in EVENT_UNIT level. Message structure updated. Competition /Configs /Config /ExtendedConfig /EC /GATES_NUM, GATES_TURNING, FRNR_CODE added.</p>
V0.3	SFR	<p>Highlighted text has been removed. Editorial updates. DT_RESULT: Competition /Result /ExtendedResults /ExtendedResult/ER/GATES_MISSED attribute added. PARALYMPICS: Pending</p>
V0.4	SFR	<p>For all messages for the element Competition the attributes Gen, Sport, Codes are set to M DT_PARTIC: Message Structure: Removed obsolete DisciplineEntry extension. Message Values: Competition/Participant/MainFunctionId marked as Optional. DT_ENTRIES: Message Structure:ExtendedEntry changed to (0,N). Message Values: Competition/Entry/GivenName marked as Optional. DT_ENTRIES_TEAMS: Competition /TeamEntry /Composition /Athlete /GivenName marked as Optional. DT_RESULT: Message Structure: Competition /ExtendedInfos /ExtendedInfo/Extension marked as (0,N). Message Values: Competition /Result /ExtendedResults /ExtendedResult /GATES MISSED and DIFF_M are both applicable to Paralympics. DT_CURRENT: Message Structure and Message Values: Competition /Result /Competitor /Description and its attribute removed to match GEN definition. Competition /Result /Result /Competitor changed to (1,N). Competition /Result /Competitor /Composition /Athlete /Bib marked as Optional. DT_CUMULATIVE_RESULT: Message Structure: Competition /Result /Competition /Description marked as (0,1). Message Values: Competition /Result /ResultItems /ResultItem /Result /ExtendedResults /ExtendedResult marked as (1,N) DT_RANKING: Message Structure: Competition /Result /Competitor /Bib added in the structure. DT_WEATHER: Message Structure: Competition /Weather /Conditions /Wind /Type added.</p>
V0.5	SFR	<p>Editing updates and new values patterns applied. Sport attribute in element Competition has been changed to S(35) TVFamilyName changed to S(18) DT_RESULTS: Competition /Result /Competitor /Composition /Athlete /EventUnitEntry. The text "Team athletes' entry information" deleted. Competition /ExtendedInfos /ExtendedInfo. Type UI Code RULE deleted. Competition /Result /ExtendedResults /ExtendedResult GATE_MISSED and POT_DSQ the use during DH training has been clarified. DT_CUMULATIVE: Competition /Result /ResultItems /ResultItem /Result /ExtendedResults /ExtendedResult. Type changed to CUMULATIVE, Sample updated. DT_RANKING: Competition /Result /ExtendedResults /ExtendedResult attributes are applicable to team combined too.</p>
V0.6	SFA	<p>Guide Element: Introduced across all applicable message types, removing the Guide information in extensions and in Athlete /Description element. SubEventName attribute: Changed reference to the ShortDescription in Common Codes. DT_ENTRIES: New structure applied DT_RESULT: Competition /ExtendedInfos /ExtendedInfo code F-FACTOR deleted DT_CURRENT: Trigger updated. Competition /ExtendedInfos /ExtendedInfo/DISPLAY/LAST_COMP added. DT_RANKING: Competition /Result /ExtendedResults /ExtendedResult code BEST_START deleted DT_AUDIO, DT_ACHIEVEMENT added in the applicable messages.</p>
V1.0	APP	<p>DT_RESULT: Competition /Result /ExtendedResults /ExtendedResult /ER /DSQ_Gate Value format updated. Competition /Result /ExtendedResults /ExtendedResult /PROGRESS /INTERMEDIATE SortOrder attribute marked as Optional. DT_CURRENT: Competition /Result /ExtendedResults /ExtendedResult /PROGRESS /INTERMEDIATE Value marked as Optional. DT_CUMULATIVE_RESULT: Competition /Result /ResultItems /ResultItem /Result /ExtendedResults /ExtendedResult /PROGRESS INTERMEDIATE SortOrder attribute marked as Optional. DT_CONFIG: Competition /Configs /Config /ExtendedConfig /EC /INTERMEDIATE Value attribute marked as Optional.</p>