OLYMPIC DATA FEED

ODF Figure Skating Dictionary
Lausanne 2020 - Winter Youth Olympic Games
Technology and Information Department
© International Olympic Committee

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1 Introduction

1.1 This document

This document includes the ODF Figure Skating Dictionary. This Data Dictionary refines the messages described in the ODF General Messages Interface Document specifically for figure skating.

1.2 Objective

The objective of this document is to provide a complete and formal definition of the ODF Figure Skating Data Dictionary, with the intention that the information message producer and the message consumer can successfully interchange the information as the figure skating 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 General Principles Document	The document explains the environment and general principles for ODF.
ODF General Messages Interface Document	The document describes the ODF General Messages
ODF Common Codes	The document describes the ODF Common codes used across all ODF documents.
ODF Sport Codes	The document describes the ODF Sport codes used across all ODF documents
ODF Header Values	The document details the header values which show which RSCs are used in which messages.

2   Messages

2.1   Applicable Messages

The following table is a full list of all ODF messages and describes the list of messages used in figure skating.
- 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 should follow the general definition rules.

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_NAME	Participant Names	
DT_PARTIC_TEAMS / DT_PARTIC_TEAMS_UPDATE	List of teams / update	X
DT_MEDALS *	Medal standings	
DT_RESULT	Event Unit Start List and Results	X
DT_CURRENT	Current Information	X
DT_CUMULATIVE_RESULTS	Cumulative Results	X
DT_PRESSPHOTOFINISH_LK	Press Photofinish	
DT_RANKING	Event Final Ranking	X
DT_COMMUNICATION	Official Communication	
DT_CONFIG	Configuration	X
DT_MEDALLISTS	Event's Medallists	X
DT_MEDALLISTS_DISCIPLINE	Medallists by discipline	X
DT_LOCAL_OFF	Discipline/venue stop transmission	
DT_LOCAL_ON	Discipline/venue start transmission	
DT_KA	Keep Alive	

* Indicates that this message is not relevant for Lausanne 2020 Winter Youth Olympics

2.2 Messages

2.2.1 List of participants by discipline / List of participants by discipline update

Description

A participant is considered to be any individual (type athlete, participating or not in the current games) or any official in one or several disciplines or a competitor being part of a team (team member).

Although the participant 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 information of all the events for that discipline.

This message includes historical athletes that do not participate in the current competition. Historical athletes will not be registered to any event.

It is important to note that all the sport messages that make references to athletes (start list, event unit results, etc.) will always match the athlete ID with the athlete ID in this message. The historical athletes will be used to match historical athlete information as it appears in the records message when sending the previous record information and this previous record was an historical record not being broken in the current competition.

List of participants by discipline (DT_PARTIC) is a bulk message, provided for each discipline. It is a complete participant information message for one particular discipline. The arrival of this message resets all the previous participants' information for one particular discipline. This message can include a list of current athletes, officials, coaches, guides, technical officials, Reserves and historical athletes regardless of status.

List of participants by discipline update (DT_PARTIC_UPDATE) is an update message. It is not a complete list of participants' information by discipline message, only the participant data being modified, i.e. if some data of one participant changes, the element Participant for it with all its children and attributes must be sent.

The key of the information updated consists of the following attribute: Participant @Code. Therefore, any new or updated Participant Discipline-Event will be identified by all these attributes.

2.2.1.1 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC @Competition	Unique ID for competition
DocumentCode	Full RSC (discipline level)	RSC at the discipline level
DocumentType	DT_PARTIC / DT_PARTIC_UPDATE	List of participants by discipline message
Version	1..V	Version number associated to the message's content. Ascendant number
FeedFlag	"P"-Production "T"-Test	Test message or production message.
Date	Date	Date when the message is generated, expressed in the local time zone where the message was produced.
Time	Time	Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced.
LogicalDate	Date	Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight. If an event unit continues after midnight (24:00), all messages produced will be considered as happening at the logical date on which the event unit began (e.g. for a session which began at 21:00 on Aug 2 and ended at 1:20 on Aug 3, the message will all be dated Aug 2). The end of the logical day is defined by default at 03:00 a.m. For messages corrections, like invalidating medals or Records, it will be the LogicalDate of the day of the correction. Logical Date is expressed in the local time zone where the message was produced.
Source	SC @Source	Code indicating the system which generated the message.

2.2.1.2 Trigger and Frequency

The DT_PARTIC message is sent as a bulk message before 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.

The DT_PARTIC_UPDATE message is triggered when there is a modification in the data for any individual after the transfer of control to OVR.

2.2.1.3 Message Values

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

Sample

<Competition Gen="SOG-2020-1.10" Sport="SOG-2020-1.10" Codes="SOG-2020-1.20" >

Element: Participant (1,N)			
Attribute	**M/O**	**Value**	**Description**
Code	M	S(20) with no leading zeroes	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. When the participant is an historical one, then this ID will start with "A" when it is an Athlete, "C" when Coach and "O" when Official.
Parent	M	S(20) with no leading zeroes	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 critial 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 if Current = "false".
Status	O	CC @ParticStatus	Participant's accreditation status this atribute is Mandatory in the case of @Current="true" and it is optional in the case that @Current="false". To delete a participant, a specific value of the Status attribute is used.
GivenName	O	S(25)	Given name in WNPA format (mixed case)
FamilyName	M	S(25)	Family name in WNPA format (mixed case)
PassportGivenName	O	S(25)	Passport Given Name (Uppercase)
PassportFamilyName	O	S(25)	Passport Family Name (Uppercase)

Element: Participant (1,N)

Attribute	M/O	Value	Description
PrintName	M	S(35)	Print name (family name in upper case + given name in mixed case)
PrintInitialName	M	S(18)	Print Initial name (for the given name it is sent just the initial, without dot)
TVName	M	S(35)	TV name
TVInitialName	M	S(18)	TV initial name
TVFamilyName	M	S(25)	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)
Gender	M	CC @PersonGender	Participant's gender
Organisation	M	CC @Organisation	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
Height	O	S(3)	Height in centimetres. It will be included if this information is available. This information is not needed in the case of officials/referees. "-" may be used where the data is not available.
Weight	O	S(3)	Weight in kilograms. It will be included if this information is available. This information is not needed in the case of officials/referees. "-" may be used where the data is not available.
PlaceofBirth	O	S(75)	Place of Birth
CountryofBirth	O	CC @Country	Country ID of Birth
PlaceofResidence	O	S(75)	Place of Residence
CountryofResidence	O	CC @Country	Country ID of Residence
Nationality	O	CC @Country	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 @ResultsFunction	Main function In the Case of Current="true" this attribute is Mandatory.
Current	M	boolean	It defines if a participant is participating in the games (true) or is a Historical participant (false).
OlympicSolidarity	O	S(1)	Send Y if the participant is a member of the Solidarity / Scholarship Program else not sent.

Element: Participant (1,N)

Attribute	M/O	Value	Description
ModificationIndicator	M	S(1)	'N' or 'U' Attribute is mandatory in the DT_PARTIC_UPDATE message only N-New participant (in the case that this information comes as a late entry) U-Update participant If ModificationIndicator='N', then include new participant to the previous bulk-loaded list of participants If ModificationIndicator='U', then update the participant to the previous bulk-loaded list of participants To delete a participant, a specific value of the Status attribute is used.

Element: Participant /Discipline (1,1)

All participating athletes will be assigned at least one discipline, it could be more. Each accredited official will be assigned at least one discipline, but it could be more. If an athlete or official is assigned to more than one discipline, it will be included in the participant message of both disciplines.

Attribute	M/O	Value	Description
Code	M	CC @Discipline	It is the discipline code used to fill the OdfBody @DocumentCode attribute.
IFId	O	S(16)	IF ID (competitor's federation number for the discipline).

Element: Participant /Discipline /RegisteredEvent (0,N)

All accredited athletes will be assigned to one or more events. There is an exception: substitutes may be accredited without any associated event. Historical athletes are not registered to any event.

Attribute	M/O	Value	Description
Event	M	CC @Event	Full RSC of the Event
Substitute	O	S(1)	Send Y if the athlete is a substitute else do not send.

Element: Participant /Discipline /RegisteredEvent /EventEntry (0,N)

Type	Code	Pos	Description
ENTRY	RANK_WLD	N/A	Element Expected: When available in individual events. Only in update message

Attribute	M/O	Value	Description
Value	M	S(4)	World Rank of the athlete

Type	Code	Pos	Description
ENTRY	RANK_PTS	N/A	Element Expected: When available in individual events. Only in update message

Attribute	M/O	Value	Description
Value	M	S(6)	World Ranking Points of the athlete

Element: Participant /Discipline /RegisteredEvent /EventEntry (0,N)

Type	Code	Pos	Description
ENTRY	SB	S(1)	Pos Description: Phase code (events or segment) in individual events. 2 - for Short Program score 1 - for Free Skating score 0 - for event total score Element Expected: Always, in case of Ladies and Men events

	Attribute	M/O	Value	Description
	Value	M	Numeric ##0.00 Or "-"	Season Best segment/total score (in the event). Send "-" for the athlete who does not have the season best score at this event/segment.

Type	Code	Pos	Description
ENTRY	SB_RANK	S(1)	Pos Description: Phase code (events or segment) in individual events. 2 - for Short Program score 1 - for Free Skating score 0 - for event total score Element Expected: If Season Best exist for the competitor. Only for Ladies and Men events. Only in the UPDATE message

	Attribute	M/O	Value	Description
	Value	M	Numeric #0	Season Best Rank of the competitor at segment or total score (in the event). Season Best Rank is calculated among the competitors who participate in the Olympic Event and who have achieved a Season Best.

Type	Code	Pos	Description
ENTRY	SB_ORDER	S(1)	Pos Description: Phase code (events or segment) in individual events. 2 - for Short Program score 1 - for Free Skating score 0 - for event total score Element Expected: If Season Best exist for the competitor. Only for Ladies and Men events Only in the UPDATE message

	Attribute	M/O	Value	Description
	Value	M	Numeric #0	Order of the competitors according to their SB (Segment or Total)

Element: Participant /Discipline /RegisteredEvent /EventEntry (0,N)

Type	Code	Pos	Description
ENTRY	PB	S(1)	Pos Description: Phase code (events or segment) in individual events. 2 - for Short Program score 1 - for Free Skating score 0 - for event total score Element Expected: Always, in case of Ladies and Men events. Update is only expected for errors and after team event.

Attribute	M/O	Value	Description
Value	M	Numeric ##0.00	Personal Best segment/total score (in the event).

Type	Code	Pos	Description
ENTRY	COACH	N/A	Element Expected: When available in individual events. Only in update message

Attribute	M/O	Value	Description
Value	M	S(25)	Coaches of the athlete

Type	Code	Pos	Description
ENTRY	ENTRY_ORDER	Numeric #0	Pos Description: 0 - for event total Element Expected: Only for Ladies and Men events. Only in the UPDATE message

Attribute	M/O	Value	Description
Value	M	S(45)	Order of the entries

Type	Code	Pos	Description
ENTRY	MUSIC	Numeric #0	Pos Description: Phase code (events or segment) in individual events. 2 - for Short Program 1 - for Free Skating Element Expected: Only for Ladies and Men events. Only in the UPDATE message

Attribute	M/O	Value	Description
Value	M	S(45)	Music for the specified segment

Type	Code	Pos	Description
ENTRY	ELEMENT_CODE_SHORT	N/A	Pos Description: Sequential number of the planned element Element Expected: Only for Ladies and Men events. Only in the UPDATE message

Attribute	M/O	Value	Description
Value	M	S(10)	Planned element for short segment

Element: Participant /Discipline /RegisteredEvent /EventEntry (0,N)			
Type	**Code**	**Pos**	**Description**
ENTRY	ELEMENT_CODE_FREE	N/A	Pos Description: Sequential number of the planned element Element Expected: Only for Ladies and Men events. Only in the UPDATE message

	Attribute	**M/O**	**Value**	**Description**
	Value	M	S(10)	Planned element for free segment

2.2.1.4 Message Sort

The message is sorted by Participant @Code

2.2.2 List of teams / List of teams update

2.2.2.1 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 or subevent 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 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, in the meaning that they are participating or they could participate in one event.

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.

2.2.2.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC @Competition	Unique ID for competition
DocumentCode	Full RSC (discipline level)	RSC at the discipline level
DocumentType	DT_PARTIC_TEAMS / DT_PARTIC_TEAMS_UPDATE	List of participant teams message
Version	1..V	Version number associated to the message's content. Ascendant number
FeedFlag	"P"-Production "T"-Test	Test message or production message.
Date	Date	Date when the message is generated, expressed in the local time zone where the message was produced.
Time	Time	Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced.

Attribute	Value	Comment
LogicalDate	Date	Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight. If an event unit continues after midnight (24:00), all messages produced will be considered as happening at the logical date on which the event unit began (e.g. for a session which began at 21:00 on Aug 2 and ended at 1:20 on Aug 3, the message will all be dated Aug 2). The end of the logical day is defined by default at 03:00 a.m. For messages corrections, like invalidating medals or Records, it will be the LogicalDate of the day of the correction. Logical Date is expressed in the local time zone where the message was produced.
Source	SC @Source	Code indicating the system which generated the message.

2.2.2.3 Trigger and Frequency

The DT_PARTIC_TEAMS message is sent as a bulk message before the Games. It is sent several times up to the date of transfer of control to OVR after which only DT_PARTIC_TEAMS_UPDATE messages are sent.

The DT_PARTIC_TEAMS_UPDATE message is triggered when there is a modification in the data for any team after the transfer of control to OVR.

2.2.2.4 Message Values

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

Element: Team (1,N)

Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Team's ID When the Team is an historical one, then this ID starts with "T".
Organisation	M	CC @Organisation	Team organisation's ID
Number	O	Numeric #0	Team's number. If there is not more than one team for one organisation participating in one event, it is 1. Otherwise, it will be incremental, 1 for the first organisation's team, 2 for the second organisation's team, etc. Required in the case of current teams.
Name	M	S(73)	Team Name (NOC name) In LUG Doubles Team Name follows the format Front Athlete FamilyName GivenName/Back Athlete FamilyName GivenName
TVTeamName	M	S(21)	Team's TV Name. In head-to-head pairs competitions this should be in the format SMITH/JONES [max char(10) per name] else it is the organisation name unless special rules apply.
Gender	M	CC @DisciplineGender	Discipline Gender Code of the Team Char(1)
Current	M	boolean	It defines if a team is participating in the games (true) or it is a Historical team (false)
ModificationIndicator	M	N, U, D	Attribute is mandatory in the DT_PARTIC_TEAMS_UPDATE message only N-New team (in the case that this information comes as a late entry) U-Update team D-Delete team If ModificationIndicator='N', then include new team to the previous bulk-loaded list of teams If ModificationIndicator='U', then update the team to the previous bulk-loaded list of teams If ModificationIndicator='D', then delete the team to the previous bulk-loaded list of teams

Element: Team /Composition /Athlete (0,N)

Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Athlete's ID of the listed team's member. Therefore, he/she makes part of the team's composition.
Order	O	Numeric	Team member order

Element: Team /Composition /Team (0,N)
(ONLY applies in Team Event)

Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Sub-Team's ID
Number	M	Numeric #0	Team's number. Incremental number for each team within the team.
Name	O	S(73)	Name of the couple
Gender	M	CC @DisciplineGender	Discipline Gender Code of the Team (will be X)
IFId	O	S(16)	Federation number for the corresponding discipline (include if the discipline assigns international federation codes to teams)

Element: Team /Composition /Team /Composition /Athlete (1,N)
(ONLY applies in Team Event)

Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Athlete's ID of the listed sub-team's member.
Order	O	Numeric 0	Team member order

Element: Team /Composition /Team /RegisteredEvent (0,1)
Each current team is assigned to one event.
(ONLY applies in Team Event)

Attribute	M/O	Value	Description
Event	M	CC @Unit	Full RSC of the subevent

Element: Team /TeamOfficials /Official (1,N)

Send if there are specific officials for the team. Does not apply to historical teams.

Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Official's ID of the listed team's official.
Function	M	CC @ResultsFunction	Official's function for the team. Send the function code for: -Coach -Choreographer
Order	O	Numeric #0	Official's order in the team.

Element: Team /Discipline (0,1)

Discipline is expected unless ModificationIndicator="D"

Attribute	M/O	Value	Description
Code	M	CC @Discipline	Full RSC of the discipline
IFId	O	S(16)	Federation number for the corresponding discipline (include if the discipline assigns international federation codes to teams)

Element: Team /Discipline /RegisteredEvent (0,N)

All accredited athletes will be assigned to one or more events. There is an exception: substitutes may be accredited without any associated event. Historical athletes are not registered to any event.

Attribute	M/O	Value	Description
Event	M	CC @Event	Full RSC of the Event
Substitute	O	S(1)	Send Y if the athlete is a substitute else do not send.

Element: Team /Discipline /RegisteredEvent /EventEntry (0,N)

Send if there are specific team's event entries.

Type	Code	Pos	Description
ENTRY	RANK_WLD	N/A	Element Expected: When available for couples. Only in update message
	Attribute	**M/O**	**Value**	**Description**
	Value	M	S(4)	World Rank of the couple
ENTRY	RANK_PTS	N/A	Element Expected: When available for couples. Only in update message
	Attribute	**M/O**	**Value**	**Description**
	Value	M	S(6)	World Ranking Points of the couple
ENTRY	SB	S(1)	Pos Description: Phase code for couples (e.g.: at Pairs and Ice Dance events: 2 for Short Program/Dance score, 1 for Free Skating/Dance score 0 for event total score. Element Expected: Always, in case of Pairs/Ice Dance events
	Attribute	**M/O**	**Value**	**Description**
	Value	M	Numeric ##0.00 Or "-"	Season Best segment/total score (in the event). Send "-" for the couple who does not have the season best score at this event/segment.

Element: Team /Discipline /RegisteredEvent /EventEntry (0,N)
Send if there are specific team's event entries.

Type	Code	Pos	Description
ENTRY	SB_RANK	S(1)	Pos Description: Phase code (events or segment) in individual events. 2 - for Short Program score 1 - for Free Skating score 0 - for event total score Element Expected: If Season Best exist for the competitor. Only for Pairs/Ice Dance events. Not for Team event. Only in the UPDATE message

	Attribute	M/O	Value	Description
	Value	M	Numeric #0	Season Best Rank of the competitor at segment or total score (in the event). Season Best Rank is calculated among the competitors who participate in the Olympic Event and who have achieved a Season Best.

Type	Code	Pos	Description
ENTRY	SB_ORDER	S(1)	Pos Description: Phase code (events or segment) in individual events. 2 - for Short Program score 1 - for Free Skating score 0 - for event total score Element Expected: If Season Best exist for the competitor. Only for Pairs/Ice Dance events. Not for Team event. Only in the UPDATE message

	Attribute	M/O	Value	Description
	Value	M	Numeric #0	Order of the competitors according to their SB (Segment or Total)

Type	Code	Pos	Description
ENTRY	PB	S(1)	Pos Description: Phase code for couples (e.g.: at Pairs event: 2 for Short Program/Dance score, 1 for Free Skating/Dance score 0 for event total score. Element Expected: Always, in case of Pairs and Ice Dance events. Update is only expected for errors and after team event

	Attribute	M/O	Value	Description
	Value	M	Numeric ##0.00	Couple's Personal Best segment/total score (in the event).

Type	Code	Pos	Description
ENTRY	COACH	N/A	Element Expected: When available for couples. Only in update message.

	Attribute	M/O	Value	Description
	Value	M	S(25)	Coaches of the athlete

Element: Team /Discipline /RegisteredEvent /EventEntry (0,N)
Send if there are specific team's event entries.

Type	Code	Pos	Description
ENTRY	ENTRY_ORDER	Numeric #0	Pos Description: 0 - for event total Element Expected: When available for couples. Only in update message

	Attribute	M/O	Value	Description
	Value	M	S(45)	Order of the entries

Type	Code	Pos	Description
ENTRY	MUSIC	Numeric #0	Pos Description: Phase code (events or segment) in individual events. 2 - for Short Program 1 - for Free Skating Element Expected: When available for couples. Only in update message

	Attribute	M/O	Value	Description
	Value	M	S(45)	Music for the specified segment

Type	Code	Pos	Description
ENTRY	ELEMENT_CODE_SHORT	Numeric #0	Pos Description: Sequential number of the planned element Element Expected: When available for couples. Only in update message

	Attribute	M/O	Value	Description
	Value	M	S(10)	Planned element for short segment

Type	Code	Pos	Description
ENTRY	ELEMENT_CODE_FREE	Numeric #0	Pos Description: Sequential number of the planned element Element Expected: When available for couples. Only in update message

	Attribute	M/O	Value	Description
	Value	M	S(10)	Planned element for free segment

2.2.2.5   Message Sort

The message is sorted by Team @Code.

2.2.3 Event Unit Start List and Results

2.2.3.1 Description

The Event Unit Start List and Results is a message containing both the start list and results information of the competitors in one (individual or team) 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 sent.

2.2.3.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC @Competition	Unique ID for competition
DocumentCode	Full RSC	Full RSC of the unit, one message per unit.
DocumentType	DT_RESULT	Event Unit Start List and Results message
DocumentSubtype	Not used	Not used
Version	1..V	Version number associated to the message's content. Ascendant number
ResultStatus	SC @ResultStatus	It indicates whether the result is official or unofficial (or intermediate etc). START_LIST LIVE (used when the competition starts and after every split in the current sled/bob. Also, when a sled/bob has completed the run) INTERMEDIATE (in case of heat interruption) UNCONFIRMED (used after the competition is completed and before either UNOFFICIAL or OFFICIAL. It may be sent multiple times if modifications are required and the status has not changed) UNOFFICIAL OFFICIAL
FeedFlag	"P"-Production "T"-Test	Test message or production message.
Date	Date	Date when the message is generated, expressed in the local time zone where the message was produced.
Time	Time	Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced.

Attribute	Value	Comment
LogicalDate	Date	Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight. If an event unit continues after midnight (24:00), all messages produced will be considered as happening at the logical date on which the event unit began (e.g. for a session which began at 21:00 on Aug 2 and ended at 1:20 on Aug 3, the message will all be dated Aug 2). The end of the logical day is defined by default at 03:00 a.m. For messages corrections, like invalidating medals or Records, it will be the LogicalDate of the day of the correction. Logical Date is expressed in the local time zone where the message was produced.
Source	SC @Source	Code indicating the system which generated the message.

2.2.3.3   Trigger and Frequency

This message is sent:
* As soon as the start list is available and any changes [inc. IRMs] (START_LIST)
* When the competition starts and after every competitor completes their performance (LIVE)
* After each group of competitors (INTERMEDIATE)
* After the unit is finished (UNOFFICIAL / OFFICIAL) as applicable.
* After any change (except during the current competitor unless it is a correction to a different competitor)

2.2.3.4   Message Values

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

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

Element: ExtendedInfos /ExtendedInfo (0,N)

Type	Code	Pos	Description
UI	STARTERS	N/A	Element Expected: Always after status START_LIST

	Attribute	M/O	Value	Description
	Value	M	Numeric ##0	Sent the number of competitors on the start list

Sub Element: ExtendedInfos /ExtendedInfo /Extension
Expected: Always after status START_LIST

	Attribute	Value	Description
	Code	COMPLETE	
	Pos	N/A	
	Value	Numeric ##0	Send the number of competitors whose event unit is completed (includes IRMs)

Type	Code	Pos	Description
DISPLAY	LAST_COMP	N/A	Element Expected: When available and if the unit is LIVE, INTERMEDIATE, UNCONFIRMED OR UNOFFICIAL

	Attribute	M/O	Value	Description
	Value	M	S(20) without leading zeroes	Send the competitor ID of the last athlete to compete and receive a result.

```
<ExtendedInfos>
    <UnitDateTime StartDate="2012-08-07T11:01:00+01:00" />
    <ExtendedInfo Type="DISPLAY" Code="LAST_COMP" Value="2111355" />
    <ExtendedInfo Type="UI" Code="STARTERS" Value="24" >
        <Extension Code="COMPLETE" Value="40" />
    </ExtendedInfo>
</ExtendedInfos>
```

Element: ExtendedInfos /SportDescription (0,1)
Sport Descriptions in Text

Attribute	M/O	Value	Description
DisciplineName	M	S(40)	Discipline name (not code) from Common Codes
EventName	M	S(40)	Event name (not code) from Common Codes
Gender	M	CC @DisciplineGender	Gender code for the event unit
SubEventName	M	S(40)	EventUnit short name (not code) from Common Codes

Element: ExtendedInfos /VenueDescription (0,1)
Venue Names in Text.

Attribute	M/O	Value	Description
Venue	M	CC @VenueCode	Venue Code
VenueName	M	S(25)	Venue short name (not code) from Common Codes
Location	M	CC @Location	Location code
LocationName	M	S(30)	Location short name (not code) from Common Codes

Element: Officials /Official (1,N)

Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Official's code
Function	M	CC @ResultsFunction	Official's function
Order	O	Numeric	Order of officials. (according to the different panels of Judges, Technical etc.)

Element: Officials /Official /Description (1,1)
Officials extended information.

Attribute	M/O	Value	Description
GivenName	O	S(25)	Given name in WNPA format (mixed case)
FamilyName	M	S(25)	Family name in WNPA format (mixed case)
Gender	M	CC @PersonGender	Gender of the official
Organisation	M	CC @Organisation	Officials' organisation

Element: Officials /Official /ExtOfficial (0,N)

Type	Code	Pos	Description
EO	POSITION	N/A	Element Expected: Always for Judges else do not send
Attribute	**M/O**	**Value**	**Description**
Value	O	S(2)	Send the position for the judge (1-n)
EO	GROUP	N/A	Element Expected: Always
Attribute	**M/O**	**Value**	**Description**
Value	O	SC @Panel	Send proposed code

Sample

```
<Officials>
    ...
    <Official Code="2004405" Function="JU" Order="2">
        <Description GivenName="Tom" FamilyName="Jones" Gender="M" Organisation="USA" />
        <ExtOfficial Type="EO" Code="GROUP" Value="JUDGE" />
        <ExtOfficial Type="EO" Code="POSITION" Value="1" />
    </Official>
    <Official Code="4110000" Function="JU" Order="3">
        <Description GivenName="Barry" FamilyName="Norman" Gender="M" Organisation="BEL" />
        <ExtOfficial Type="EO" Code="GROUP" Value="JUDGE" />
        <ExtOfficial Type="EO" Code="POSITION" Value="2" />
    </Official>
    ...
 <Official Code="2004409" Function="TCH_CTR" Order="11">
        <Description GivenName="Jack" FamilyName="Blocker" Gender="M" Organisation="GER" />
        <ExtOfficial Type="EO" Code="GROUP" Value="TECH" />
    </Official>
    ...
    <Official Code="2004414" Function="ROP" Order="15">
        <Description GivenName="Mary" FamilyName="Smith" Gender="W" Organisation="IRE" />
        <ExtOfficial Type="EO" Code="GROUP" Value="OPERATOR" />
    </Official>
```

Element: 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	String	Rank of the competitor in the event unit (not cumulative).
RankEqual	O	S(1)	Identifies if a rank has been equalled, send Y if applicable.
Result	O	Numeric ##0.00	Result points for the unit (segment points).
IRM	O	SC @IRM	IRM for the event unit Send only in the case @ResultType is IRM
QualificationMark	O	SC @QualificationMark	Send 'Q' in the case the competitor is qualified for the next unit. Qualification code for Short Program and Short Dance only, to indicate if the skater/couple qualified. Do not send for Final. Do not send if not applicable.
SortOrder	M	Numeric #0	This attribute is a sequential number with the order of the results for the event unit, if they were to be presented. It is mostly based on the rank, but it should be used to sort out rank ties as well as results without rank. Prior to the unit the order is the same as StartSortOrder.
StartOrder	O	Numeric #0	The start order for the competitor in the unit.
StartSortOrder	M	Numeric #0	Used to sort all start list competitors in the unit.
ResultType	O	SC @ResultType	Type of the @Result attribute.

Element: Result /ExtendedResults /ExtendedResult (1,N)

Type	Code	Pos	Description
ER	TEAM	N/A	Element Expected: In segments within the team competition

	Attribute	M/O	Value	Description
	Value	O	Numeric ##0	Team points in the segment in the case of team event
	IRM	O	SC @IRM	IRM in the segment in the case of team event

Type	Code	Pos	Description
ER	TEAMCOMPETITOR	N/A	Element Expected: In segments within the team competition

	Attribute	M/O	Value	Description
	ID	O	S(17)	ID for the overall team in the team event to identify to which team the athlete/couple belongs

Type	Code	Pos	Description
ER	ELEMENT	Numeric #0 or "TOT"	Pos Description: Send the Executed element sequential order number, or "TOT" for Totals Element Expected: When data is available

	Attribute	M/O	Value	Description
	Value	M	Numeric ##0.00	Send the element score (as specified @Pos), or Total aggregated element score in particular for this event unit (segment) (for "TOT").

Element: Result /ExtendedResults /ExtendedResult (1,N)

Type	Code	Pos	Description

Sub Element: Result /ExtendedResults /ExtendedResult /Extension
Expected: When available

Attribute	Value	Description
Code	BASE	
Pos	N/A	
Value	Numeric #0.00	Send the Base Value (example: 0.80, 5.30, 10.10 ...). Not applicable for @Pos=TOT

Sub Element: Result /ExtendedResults /ExtendedResult /Extension
Expected: When available

Attribute	Value	Description
Code	BASE_TOT	
Pos	N/A	
Value	Numeric ##0.00	Total aggregated elements' base value for this event unit (segment). Applicable only for @Pos=TOT

Sub Element: Result /ExtendedResults /ExtendedResult /Extension
Expected: When available

Attribute	Value	Description
Code	ELEMENT_CODE	
Pos	N/A	
Value	S(15)	Send the Executed Element code (e.g.: "SlSt1" -for element "Straight Line Step Sequence"-, "3Lo" -for "Triple Loop"-, etc.) Not applicable for @Pos=TOT

Sub Element: Result /ExtendedResults /ExtendedResult /Extension
Expected: When available

Attribute	Value	Description
Code	ELEMENT_DESC	
Pos	N/A	
Value	S(40)	Send the Executed Element description, in text (e.g.: "Straight Line Step Sequence", "Triple Loop", etc.) Not applicable for @Pos=TOT

Sub Element: Result /ExtendedResults /ExtendedResult /Extension
Expected: When available

Attribute	Value	Description
Code	GOE	
Pos	N/A	
Value	Numeric -0.00 or 0.00	Send the Grade of Execution (example: 0.20, -0.30). Minus symbol if necessary, but not plus symbol in case of positive. Not applicable for @Pos=TOT

Element: Result /ExtendedResults /ExtendedResult (1,N)

Type	Code	Pos	Description

Sub Element: Result /ExtendedResults /ExtendedResult /Extension
Expected: If is applicable

Attribute	Value	Description
Code	INFO	
Pos	N/A	
Value	SC @ElementInfo	Send appropriate element info code Not applicable for @Pos=TOT

Sub Element: Result /ExtendedResults /ExtendedResult /Extension
Expected: Only after the announcement of competitor's score

Attribute	Value	Description
Code	JUDGE	
Pos	Numeric #0	Send the Judge position
Value	Numeric (-)0 Or "-" (dash)	Judge @Pos score for the Executed element number specified at ELEMENT @Pos (the parent element). Use the sign "-" only in the case of negative score. Dash "-" may apply when an expected score is missing like in the case when a Judge cannot do judging. Not applicable for @Pos=TOT

Type	Code	Pos	Description
ER	COMPONENT	S(3)	Pos Description: Specific Program Component code. Values are: "SS" for Skating Skills "TR" for Transitions "PE" for Performance "CO" for Composition "IN" for Interpretation of Music (in all Events except Ice Dance), or , Interpretation of Music / Timing (in Ice Dance only) or "TOT" for Total Program Components Score Use Pos=TOT only for Total Program Components Score. Do not use for detailed Program Component score and information Element Expected: When available

Attribute	M/O	Value	Description
Value	M	Numeric ##0.00	Unfactored program component score for specific program component, or Factored total component score for this event unit (segment) (for "TOT").

Sub Element: Result /ExtendedResults /ExtendedResult /Extension
Expected: Only for specific program component @Pos (not TOT)

Attribute	Value	Description
Code	COMPONENT_DESC	
Pos	N/A	

Element: Result /ExtendedResults /ExtendedResult (1,N)

Type	Code	Pos	Description
Value	S(36)		ISU standard Program Component descriptions Not applicable for @Pos=TOT

Sub Element: Result /ExtendedResults /ExtendedResult /Extension
Expected: Only for specific program component @Pos (not TOT)

Attribute	Value	Description
Code	FACTOR	
Pos	N/A	
Value	Numeric #0.00	Factor for the Program Component specified at COMPONENT @Pos (the parent element). Not applicable for @Pos=TOT

Sub Element: Result /ExtendedResults /ExtendedResult /Extension
Expected: Only after the announcement of competitor's score.
Only for specific program component @Pos (not TOT)

Attribute	Value	Description
Code	JUDGE	
Pos	Numeric #0	Send the Judge position
Value	Numeric #0.00 Or "-" (dash)	Judge @Pos score for the Program Component specified at COMPONENT @Pos (the parent element). Dash "-" may apply when an expected score is missing like in the case when a Judge cannot do judging. Not applicable for @Pos=TOT

Type	Code	Pos	Description
ER	DEDUCTION	SC @Deduction or "TOT"	Pos Description: Specific Deduction code, or "TOT" for Total aggregated deductions Use Pos=TOT only for Total aggregated Deduction Score. For Deduction detailed information use Deduction Code as per ISU standard Deduction code list Element Expected: Always with the scores. Specific deductions if applicable else do not send (only TOT in this case)

Attribute	M/O	Value	Description
Value	M	Numeric 0.00 Or -#0.00	Deduction score for specific deduction (as specified @Pos), or Total aggregated deductions in particular for this event unit (segment) (for "TOT"). Deduction is 0.0 or negative.

Sub Element: Result /ExtendedResults /ExtendedResult /Extension
Expected: Always with results (if applicable deduction).
Only for specific deduction @Pos (not TOT)

Attribute	Value	Description
Code	DEDUCTION_DESC	

Element: Result /ExtendedResults /ExtendedResult (1,N)

Type	Code	Pos	Description
Pos	N/A		
Value	S(40)		As per ISU standard Deduction description Not applicable for @Pos=TOT

Sub Element: Result /ExtendedResults /ExtendedResult /Extension
Expected: Only after the announcement of competitor's score. And, only for specific deduction @Pos (not TOT).
Applicable only for majority deductions (for Costume / Prop Violation, Music Requirements Violation and Violation of Choreography Restrictions only)

Attribute	Value	Description
Code	JUDGE	
Pos	Numeric #0	Send the Judge position
Value	Numeric -#0.00 Or "-" (dash)	Judge @Pos score for the Deduction specified at DEDUCTION @Pos (the parent element), only if a majority deduction is given. Dash "-" may apply when an expected score is missing like in the case when a Judge cannot do judging. Not applicable for @Pos=TOT

Sample (Individual Event Unit)

```
<Result Rank="1" ResultType="POINTS" Result="178.64" SortOrder="1" StartOrder="7" StartSortOrder="7">
<ExtendedResults>
    <ExtendedResult Type="ER" Code="ELEMENT" Pos="TOT" Value="89.66" >
      <Extension Code="BASE_TOT" Value="83.47"/>
    </ExtendedResult>
    <ExtendedResult Type="ER" Code="ELEMENT" Pos="1" Value="7.50" >
      <Extension Code="ELEMENT_CODE" Value="4S" />
      <Extension Code="ELEMENT_DESC" Value="Quad Salchow" />
      <Extension Code="BASE" Value="10.50" />
      <Extension Code="GOE" Value="-3.00" />
      <Extension Code="INFO" Value="<" />
      <Extension Code="JUDGE" Pos="1" Value="0" />
      <Extension Code="JUDGE" Pos="2" Value="-1" />
...
      <Extension Code="JUDGE" Pos="9" Value="0" />
    </ExtendedResult>
    <ExtendedResult Type="ER" Code="ELEMENT" Pos="2" Value="12.44" >
      <Extension Code="ELEMENT_CODE" Value="4T" />
      <Extension Code="ELEMENT_DESC" Value="Quad Toeloop" />
      <Extension Code="BASE" Value="10.30" />
      <Extension Code="GOE" Value="2.14" />
      <Extension Code="JUDGE" Pos="1" Value="2" />
      <Extension Code="JUDGE" Pos="2" Value="1" />
...
      <Extension Code="JUDGE" Pos="9" Value="1" />
    </ExtendedResult>
...
    <ExtendedResult Type="ER" Code="ELEMENT" Pos="13" Value="3.64" >
      <Extension Code="ELEMENT_CODE" Value="CCoSp3" />
      <Extension Code="ELEMENT_DESC" Value="Change Foot Combination Spin" />
      <Extension Code="BASE" Value="3.00" />
      <Extension Code="GOE" Value="0.64" />
      <Extension Code="JUDGE" Pos="1" Value="0" />
...
      <Extension Code="JUDGE" Pos="9" Value="-1" />
    </ExtendedResult>
    <ExtendedResult Type="ER" Code="COMPONENT" Pos="TOT" Value="90.98" />
    <ExtendedResult Type="ER" Code="COMPONENT" Pos="SS" Value="9.07" >
      <Extension Code="COMPONENT_DESC" Value="Skating Skills" />
      <Extension Code="FACTOR" Value="1.60" />
      <Extension Code="JUDGE" Pos="1" Value="6.50" />
      <Extension Code="JUDGE" Pos="2" Value="6.00" />
...
      <Extension Code="JUDGE" Pos="9" Value="7.25" />
    </ExtendedResult>
```

Element: Result /RecordIndicators /RecordIndicator (1,N)
"Result" refers only to the result of the segment e.g. Short Program/Dance or Free Skating/Dance.
Only when there is a Season Best broken for the segment after the end of a performance. Please note that "The season best scores from the Short Program/Dance, Free Skating/Dance and Total Score are not related as they may have occurred in different events".

Attribute	M/O	Value	Description
Order	M	Numeric	The hierarchy (priority) for types of record from 1 to n. (Can use the Order column from CC @RecordType for reference).
Code	M	CC @RecordCode	Code which describes the record broken by the result value.
RecordType	M	CC @RecordType	Code which specifies the level at which the record is broken.
Equalled	O	S(1)	Send "Y" in the case that the record has been equalled else do not send.

Element: Result /Competitor (1,1)

Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes or TBD or NOCOMP	Competitor's ID For Competitor @Type=T, it will be: Couple's ID for Pairs and Ice Dance event units. (inc. in team event) Otherwise, Athlete's ID (for Competitor @Type=A).
Type	M	S(1)	T for team or A for athlete
Organisation	O	CC @Organisation	Competitor's organisation

Element: Result /Competitor /Description (0,1)
Used in couples only

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

Element: Result /Competitor /EventUnitEntry (0,N)
For couples

Type	Code	Pos	Description
EUE	GROUP	N/A	Element Expected: Always
Attribute	**M/O**	**Value**	**Description**
Value	M	Numeric #0	Send the warm-up group number
EUE	SB	N/A	Element Expected: When available
Attribute	**M/O**	**Value**	**Description**
Value	M	Numeric ##0.00	Season best in the segment
EUE	PB	N/A	Element Expected: When available
Attribute	**M/O**	**Value**	**Description**
Value	M	Numeric ##0.00	Personal Best in the segment

Element: Result /Competitor /EventUnitEntry (0,N)
For couples

Type	Code	Pos	Description
EUE	ELEMENT_CODE	Numeric #0	Pos Description: Send the planned element sequential order number Element Expected: When available
	Attribute	**M/O**	**Value**	**Description**
	Value	M	S(15)	Send the Planned Element code (e.g.: "SlSt1" -for element "Straight Line Step Sequence"-, "3Lo" -for "Triple Loop"-, etc.)
EUE	ELEMENT_DESC	Numeric #0	Pos Description: Send the planned element sequential order number Element Expected: When available
	Attribute	**M/O**	**Value**	**Description**
	Value	M	S(40)	Send the Planned Element description, in text (e.g.: "Straight Line Step Sequence", "Triple Loop", etc.)
EUE	MUSIC	N/A	Element Expected: When available
	Attribute	**M/O**	**Value**	**Description**
	Value	M	S(30)	Send in text the title of the music to be played during the performance
EUE	START_TIME	N/A	Element Expected: When available
	Attribute	**M/O**	**Value**	**Description**
	Value	M	hh:mm:ss	Start time for the competitor
EUE	FINISH_TIME	N/A	Element Expected: When available
	Attribute	**M/O**	**Value**	**Description**
	Value	M	hh:mm:ss	Planned finish time for the competitor
EUE	COACH	N/A	Element Expected: For couple competitors (inc Team Event)
	Attribute	**M/O**	**Value**	**Description**
	Value	M	S(73)	Send in free text then names of the coach(es)

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

Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Athlete's ID, corresponding to either a team member or a single athlete
Order	M	Numeric 0	If Competitor @Type="T": Order attribute used to sort team members -for Pairs and Ice Dance events (couples) (i.e.: 1-for woman, 2 for man), -for Team event, only those members that participate on If Competitor @Type="A" then order is 1

Element: Result /Competitor /Composition /Athlete /Description (1,1)
Athletes extended information.

Attribute	M/O	Value	Description
GivenName	O	S(25)	Given name in WNPA format (mixed case)
FamilyName	M	S(25)	Family name in WNPA format (mixed case)
Gender	M	CC @PersonGender	Gender of the athlete
Organisation	M	CC @Organisation	Athletes' organisation
BirthDate	O	Date	Birth date (example: YYYY-MM-DD). Must include if the data is available
IFId	O	S(16)	International Federation ID

Element: Result /Competitor /Composition /Athlete /EventUnitEntry (0,N)
For singles in all events

Type	Code	Pos	Description
EUE	GROUP	N/A	Element Expected: Always
	Attribute	**M/O**	**Value**	**Description**
	Value	M	Numeric #0	Send the warm-up group number
EUE	SB	N/A	Element Expected: When available
	Attribute	**M/O**	**Value**	**Description**
	Value	O	Numeric ##0.00	Season best in the segment
EUE	PB	N/A	Element Expected: When available
	Attribute	**M/O**	**Value**	**Description**
	Value	M	Numeric ##0.00	Personal Best in the segment
EUE	ELEMENT_CODE	Numeric #0	Pos Description: Send the planned element sequential order number Element Expected: When available
	Attribute	**M/O**	**Value**	**Description**
	Value	M	S(15)	Send the Planned Element code (e.g.: "SlSt1" -for element "Straight Line Step Sequence"-, "3Lo" -for "Triple Loop"-, etc.)
EUE	ELEMENT_DESC	Numeric #0	Pos Description: Send the planned element sequential order number Element Expected: When available
	Attribute	**M/O**	**Value**	**Description**
	Value	M	S(40)	Send the Planned Element description, in text (e.g.: "Straight Line Step Sequence", "Triple Loop", etc.)
EUE	MUSIC	N/A	Element Expected: When available
	Attribute	**M/O**	**Value**	**Description**

	Type	Code	Pos	Description
	Value	M	S(30)	Send in text the title of the music to be played during the performance
EUE		START_TIME	N/A	Element Expected: When available
	Attribute	**M/O**	**Value**	**Description**
	Value	M	hh:mm:ss	Start time for the competitor
EUE		FINISH_TIME	N/A	Element Expected: When available
	Attribute	**M/O**	**Value**	**Description**
	Value	M	hh:mm:ss	Planned finish time for the competitor
EUE		COACH	N/A	Element Expected: For singles competitors (only in Individuals or Team events).
	Attribute	**M/O**	**Value**	**Description**
	Value	M	S(73)	Send in free text the names of the coaches

Element: Result /Competitor /Composition /Athlete /EventUnitEntry (0,N)
For singles in all events

2.2.3.5 Message Sort

Sort by Result @SortOrder

2.2.4 Current Information

2.2.4.1 Description

The Current message is a message containing the current information for a competition which is live. The message is used to send the latest applicable information and in some sports with a running clock, also the clock information.

2.2.4.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC @Competition	Unique ID for competition
DocumentCode	Full RSC	Full RSC of the unit.
DocumentSubcode	N/A	N/A
DocumentType	DT_CURRENT	Current message
DocumentSubtype	N/A	N/A
Version	1..V	Version number associated to the message's content. Ascendant number
FeedFlag	"P"-Production "T"-Test	Test message or production message.
Date	Date	Date when the message is generated, expressed in the local time zone where the message was produced.
Time	Time	Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced.
LogicalDate	Date	Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight.
		If an event unit continues after midnight (24:00), all messages produced will be considered as happening at the logical date on which the event unit began (e.g. for a session which began at 21:00 on Aug 2 and ended at 1:20 on Aug 3, the message will all be dated Aug 2).
		The end of the logical day is defined by default at 03:00 a.m.
		For messages corrections, like invalidating medals or Records, it will be the LogicalDate of the day of the correction.
		Logical Date is expressed in the local time zone where the message was produced.
Source	SC @Source	Code indicating the system which generated the message.

2.2.4.3 Trigger and Frequency

This message is sent:
- When a new competitor starts (or about to start in the case of the first in each group). (This

competitor will be considered current)
- Every 5 seconds during a performance with any data from the performance.
- Immediately after the competitor completes the performance and the data is available.
- At the end of a group to remove the current competitor

Each message will only include the competitor currently on the ice or about to start and the one to follow.

2.2.4.4 Message Values

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

Element: ExtendedInfos /ExtendedInfo (1,N)			
Type	**Code**	**Pos**	**Description**
DISPLAY	CURRENT	N/A	Element Expected: When available
	Attribute	**M/O**	**Value**	**Description**
	Value	M	S(20) without leading zeroes	Send the competitor ID of the current or about to start competitor.
	Sub Element: ExtendedInfos /ExtendedInfo /Extension **Expected: When applicable**			
	Attribute	**Value**	**Description**	
	Code	SCORE_DONE		
	Pos	N/A		
	Value	S(1)	Send "Y" in the case that scoring is complete for the competitor else do not send.	
	Sub Element: ExtendedInfos /ExtendedInfo /Extension **Expected: In all units for the men, ladies, pairs and ice dance events also when the score is included in the message**			
	Attribute	**Value**	**Description**	
	Code	TO_BEAT		
	Pos	Numeric 0	Send the rank which the competitor is trying to beat (1..3)	
	Value	Numeric ##0.00	Send the points needed (to beat) for the corresponding rank (in @Pos) of the event (not team events)	
DISPLAY	NEXT	N/A	Element Expected: When available
	Attribute	**M/O**	**Value**	**Description**
	Value	M	S(20) without leading zeroes	Send the competitor ID of the next competitor.

Element: ExtendedInfos /ExtendedInfo (1,N)

Type	Code	Pos	Description
DISPLAY	ICE	Numeric #0	Pos Description: Send the warm-up group number, only when warm-up in progress (for WARMUP), otherwise do not send. Element Expected: When applicable

	Attribute	M/O	Value	Description
	Value	M	S(10)	WARMUP when warm-up in progress RESURFACE when resurfacing break

Type	Code	Pos	Description
CURRENT	STATUS	S(8)	Pos Description: ON_ICE when Competitor becomes current STARTED when Running Time starts FINISHED when Running Time stops Element Expected: When available

	Attribute	M/O	Value	Description
	Value	M	DateTime	UNOFFICIAL Timestamp of current competitor's STATUS change. This value shall not be used for scoring purposes to indicate if the performance is too short, in time or too long.

Type	Code	Pos	Description
CURRENT	TECHNICAL_PANEL_READY	N/A	Element Expected: When available

	Attribute	M/O	Value	Description
	Value	M	S(1)	Send "Y" when Technical Panel has authorized all elements. Otherwise do not send.

Type	Code	Pos	Description
CURRENT	JUDGES_SCORES_SEND	N/A	Element Expected: When available

	Attribute	M/O	Value	Description
	Value	M	Numeric #0	Counter to indicate how many judges have sent their scores. Otherwise do not send.

Sample

```
<ExtendedInfos>
    <ExtendedInfo Type="DISPLAY" Code="CURRENT" Value="2111355" />
    <ExtendedInfo Type="DISPLAY" Code="NEXT" Value="2231358" />
    <ExtendedInfo Type="CURRENT" Code="STATUS" Pos="STARTED" Value="2018-02-16T10:00:00+01:00" />
    <ExtendedInfo Type="CURRENT" Code="TECHNICAL_PANEL_READY" Value="Y" >
```

Element: Result (0,N)

Attribute	M/O	Value	Description
Rank	O	String	Rank of the competitor in the event unit (not cumulative).
RankEqual	O	S(1)	Send 'Y' if the rank is equalled else do not send.
Result	O	Numeric ##0.00	Result points for the event unit (segment points).
IRM	O	SC @IRM	The invalid result mark (IRM) for the event unit, in case it is assigned.
QualificationMark	O	SC @QualificationMark	Send 'Q' in the case the competitor is qualified for the next unit. Qualification code for Short Program and Short Dance only, to indicate if the skater/couple qualified. Don't send for Final. Do not send if not applicable.
SortOrder	M	Numeric #0	This attribute is a sequential number with the order of the results for the particular event unit, if they were to be presented. It is mostly based on the rank, but it should be used to sort out rank ties as well as results without rank. Prior to the unit the order is the same as StartSortOrder.
StartOrder	O	Numeric #0	The start order of the competitor.
StartSortOrder	M	Numeric #0	Used to sort all start list competitors in an event unit.
ResultType	O	SC @ResultType	Type of the @Result attribute.

Element: Result /ExtendedResults /ExtendedResult (1,N)

Type	Code	Pos	Description
ER	ELEMENT	Numeric #0 or "TOT"	Pos Description: Send the Executed element sequential order number, or "TOT" for Totals Element Expected: When data is available

Attribute	M/O	Value	Description
Value	M	Numeric ##0.00	Send the element Score (as specified @Pos), or Total aggregated element score in particular for this event unit (segment) (for "TOT").

Sub Element: Result /ExtendedResults /ExtendedResult /Extension
Expected: When available

Attribute	Value	Description
Code	BASE	
Pos	N/A	
Value	Numeric #0.00	Send the Base Value (example: 0.80, 5.30, 10.10 ...). Not applicable for @Pos=TOT

Sub Element: Result /ExtendedResults /ExtendedResult /Extension
Expected: When available

Attribute	Value	Description

Element: Result /ExtendedResults /ExtendedResult (1,N)

Type	Code	Pos	Description
Code	BASE_TOT		
Pos	N/A		
Value	Numeric ##0.00		Total aggregated elements' base value in particular for this event unit (segment). Applicable only for @Pos=TOT

Sub Element: Result /ExtendedResults /ExtendedResult /Extension
Expected: When available

Attribute	Value	Description
Code	ELEMENT_CODE	
Pos	N/A	
Value	S(15)	Send the Executed Element code (e.g.: "SlSt1" -for element "Straight Line Step Sequence"-, "3Lo" -for "Triple Loop"-, etc.) Not applicable for @Pos=TOT

Sub Element: Result /ExtendedResults /ExtendedResult /Extension
Expected: When available

Attribute	Value	Description
Code	ELEMENT_DESC	
Pos	N/A	
Value	S(40)	Send the Executed Element description, in text (e.g.: "Straight Line Step Sequence", "Triple Loop", etc.) Not applicable for @Pos=TOT

Sub Element: Result /ExtendedResults /ExtendedResult /Extension
Expected: As soon as the element in reference has been executed

Attribute	Value	Description
Code	EXECUTION_TIME	
Pos	N/A	
Value	m:ss	Time since the beginning of the performance when the particular element was executed Not applicable for @Pos=TOT

Sub Element: Result /ExtendedResults /ExtendedResult /Extension
Expected: When applicable

Attribute	Value	Description
Code	FACTOR_FLAG	
Value	S(1)	Send "Y" if factor is applicable for this element. Otherwise do not send.

Sub Element: Result /ExtendedResults /ExtendedResult /Extension
Expected: When available

Attribute	Value	Description
Code	GOE	
Pos	N/A	

Element: Result /ExtendedResults /ExtendedResult (1,N)

Type	Code	Pos	Description
Value	Numeric -0.00 Or 0.00		Send the Grade of Execution (example: 0.20, -0.30). Minus symbol if necessary, but not plus symbol in case of positive. Not applicable for @Pos=TOT

Sub Element: Result /ExtendedResults /ExtendedResult /Extension
Expected: When applicable

Attribute	Value	Description
Code	INFO	
Pos	N/A	
Value	SC @ElementInfo	Send appropriate element info code Not applicable for @Pos=TOT

Sub Element: Result /ExtendedResults /ExtendedResult /Extension
Expected: Only if the executed element is under review by the judge panel or the review by judge panel has been completed

Attribute	Value	Description
Code	REVIEW_STATUS	
Pos	N/A	
Value	S(16)	REVIEW_REQUESTED if review has been requested UNDER_REVIEW if the element is under review REVIEW_FINISHED when the element has been reviewed Not applicable for @Pos=TOT

ER	COMPONENT	S(3)	Pos Description: Specific Program Component code. Values are: "SS" for Skating Skills "TR" for Transitions "PE" for Performance "CO" for Composition "IN" for Interpretation of Music (in all Events except Ice Dance), or , Interpretation of Music / Timing (in Ice Dance only), or "TOT" for Total Program Components Score

Use Pos=TOT only for Total Program Components Score. Do not use for detailed Program Component score and information

Element Expected: When available |

Attribute	M/O	Value	Description
Value	M	Numeric ##0.00	Unfactored program component score for specific program component, or Factored total component score in particular for this event unit (segment) (for "TOT").

Element: Result /ExtendedResults /ExtendedResult (1,N)

Type	Code	Pos	Description

Sub Element: Result /ExtendedResults /ExtendedResult /Extension
Expected: Only for specific program component @Pos (not TOT)

Attribute	Value	Description
Code	COMPONENT_DESC	
Pos	N/A	
Value	S(36)	ISU standard Program Component descriptions Not applicable for @Pos=TOT

Sub Element: Result /ExtendedResults /ExtendedResult /Extension
Expected: Only for specific program component @Pos (not TOT)

Attribute	Value	Description
Code	FACTOR	
Pos	N/A	
Value	Numeric #0.00	Factor for the Program Component specified at COMPONENT @Pos (the parent element). Not applicable for @Pos=TOT

Type	Code	Pos	Description
ER	DEDUCTION	SC @Deduction Or "TOT"	Pos Description: Specific Deduction code, or "TOT" for Total aggregated deductions Use Pos=TOT only for Total aggregated Deduction Score. For Deduction detailed information use Deduction Code as per ISU standard Deduction code list Element Expected: Always with the scores. Specific deductions if applicable else do not send (only TOT in this case)

Attribute	M/O	Value	Description
Value	M	Numeric 0.00 Or -#0.00	Deduction score for specific deduction (as specified @Pos), or Total aggregated deductions in particular for this event unit (segment) (for "TOT"). Deduction is 0.0 or negative.

Sub Element: Result /ExtendedResults /ExtendedResult /Extension
Expected: Always with results (if applicable deduction). Only for specific deduction @Pos (not TOT)

Attribute	Value	Description
Code	DEDUCTION_DESC	
Pos	N/A	
Value	S(40)	As per ISU standard Deduction description Not applicable for @Pos=TOT

Sample

```
<Result Rank="1" ResultType="POINTS" Result="178.64" SortOrder="1" StartOrder="7" StartSortOrder="7">
    <ExtendedResults>
        <ExtendedResult Type="ER" Code="ELEMENT" Pos="TOT" Value="89.66" >
            <Extension Code="BASE_TOT" Value="83.47"/>
        </ExtendedResult>
        <ExtendedResult Type="ER" Code="ELEMENT" Pos="1" Value="7.50" >
            <Extension Code="ELEMENT_CODE" Value="4S" />
            <Extension Code="ELEMENT_DESC" Value="Quad Salchow" />
            <Extension Code="BASE" Value="10.50" />
            <Extension Code="GOE" Value="-3.00" />
            <Extension Code="INFO" Value="<" />
            <Extension Code="EXECUTION_TIME" Value="0:42" />
        </ExtendedResult>
        <ExtendedResult Type="ER" Code="ELEMENT" Pos="2" Value="12.44" >
            <Extension Code="ELEMENT_CODE" Value="4T" />
            <Extension Code="ELEMENT_DESC" Value="Quad Toeloop" />
            <Extension Code="BASE" Value="10.30" />
            <Extension Code="GOE" Value="2.14" />
            <Extension Code="EXECUTION_TIME" Value="0:56" />
        </ExtendedResult>
...
        <ExtendedResult Type="ER" Code="ELEMENT" Pos="13" Value="3.64" >
            <Extension Code="ELEMENT_CODE" Value="CCoSp3" />
            <Extension Code="ELEMENT_DESC" Value="Change Foot Combination Spin" />
            <Extension Code="BASE" Value="3.00" />
            <Extension Code="GOE" Value="0.64" />
            <Extension Code="EXECUTION_TIME" Value="2:31" />
        </ExtendedResult>
        <ExtendedResult Type="ER" Code="COMPONENT" Pos="TOT" Value="90.98" />
        <ExtendedResult Type="ER" Code="COMPONENT" Pos="SS" Value="9.07" >
            <Extension Code="COMPONENT_DESC" Value="Skating Skills" />
            <Extension Code="FACTOR" Value="1.60" />
        </ExtendedResult>
```

Element: Result /Competitor (1,N)			
Attribute	**M/O**	**Value**	**Description**
Code	M	S(20) with no leading zeroes or TBD	Competitor's ID For Competitor @Type=T, it will be: Couple's ID for Pairs and Ice Dance event units including in team event. Otherwise, Athlete's ID (for Competitor @Type=A).
Type	M	S(1)	T for team, A for athlete
Organisation	M	CC @Organisation	Competitor's organisation

Element: Result /Competitor /Composition /Athlete (1,N)			
Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Athlete's ID, corresponding to either a team member or a single athlete
Order	M	Numeric	If Competitor @Type="T": Order attribute used to sort team members -for Pairs and Ice Dance events (couples) (i.e.: 1-for woman, 2 for man), If Competitor @Type="A" then order is 1

2.2.4.5 Message Sort

Sort by Result @SortOrder.

2.2.5 Cumulative Results

2.2.5.1 Description

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

2.2.5.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC @Competition	Unique ID for competition
DocumentCode	Full RSC	Full RSC of the event. One message per event. Note that this message is not applicable for training.
DocumentType	DT_CUMULATIVE_RESULT	Cumulative Results message
DocumentSubtype	Not used	Not used
Version	1..V	Version number associated to the message's content. Ascendant number
ResultStatus	SC @ResultStatus	It indicates the status of the results. The expected values are LIVE INTERMEDIATE UNOFFICIAL OFFICIAL
FeedFlag	"P"-Production "T"-Test	Test message or production message.
Date	Date	Date when the message is generated, expressed in the local time zone where the message was produced.
Time	Time	Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced.
LogicalDate	Date	Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight. If an event unit continues after midnight (24:00), all messages produced will be considered as happening at the logical date on which the event unit began (e.g. for a session which began at 21:00 on Aug 2 and ended at 1:20 on Aug 3, the message will all be dated Aug 2). The end of the logical day is defined by default at 03:00 a.m. For messages corrections, like invalidating medals or Records, it will be the LogicalDate of the day of the correction. Logical Date is expressed in the local time zone where the message was produced.
Source	SC @Source	Code indicating the system which generated the message.

2.2.5.3 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 triggered at the same time as the start list of the first unit is triggered.

This message is sent (all events, individuals, couples, teams):
- When the start list of the first unit is sent (INTERMEDIATE)
- When the subsequent unit(s) are getting ready (LIVE)
- During each unit send after each competitor (LIVE)
- After each unit is complete in the event (INTERMEDIATE)
- After the last unit is complete (UNOFFICIAL / OFFICIAL as appropriate)

Update with any changes.

2.2.5.4 Message Values

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

Element: ExtendedInfos /Progress (0,1)			
Attribute	**M/O**	**Value**	**Description**
LastUnit	M	CC @Unit	Full RSC of the first unit (if not started), current (if live) or most recent unit information included in the message.

Element: ExtendedInfos /SportDescription (0,1)			
Sport Descriptions in Text.			
Attribute	**M/O**	**Value**	**Description**
DisciplineName	M	S(40)	Discipline name (not code) from Common Codes
EventName	M	S(40)	Event name (not code) from Common Codes
Gender	M	CC @DisciplineGender	Gender code for the event unit

Element: ExtendedInfos /VenueDescription (0,1)
Venue Names in Text. DO NOT INCLUDE unless all at single venue.

Attribute	M/O	Value	Description
Venue	M	CC @VenueCode	Venue Code
VenueName	M	S(25)	Venue short name (not code) from Common Codes
Location	O	CC @Location	Location code
LocationName	O	S(30)	Location short name (not code) from Common Codes

Element: 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	S(2)	Rank of the competitor in the cumulative result. For singles and couples events, do not include the rank during the second segment until the competitor has completed the unit. Not applicable for the Team event. This attribute is optional because the competitor could get an invalid result mark.
RankEqual	O	S(1)	Send 'Y' in case of the Rank has been equalled else do not send. For singles and couples events, do not include the rank during the second segment until the competitor has completed the unit. Not applicable for the Team event.
ResultType	O	SC @ResultType	Result type
Result	O	Numeric ##0.00 Or #0 (Team)	Cumulative result of the competitor. For singles and couples events, do not include the result during the second segment until the competitor has completed the unit. Send just in the case @ResultType is POINTS
IRM	O	SC @IRM	IRM (invalid result mark) for the cumulative result, in case it is assigned. Send just in the case @ResultType is IRM
QualificationMark	O	SC @QualificationMark	The code which indicates the competitor is qualified for the final. Only applies after the last unit in the Team Event Qualification.
SortOrder	M	Numeric	This attribute is a sequential number with the order of the results for the cumulative result, if they were to be presented. It is mostly based on the rank, but it should be used to sort out rank ties as well as results without rank. For singles and couples events, during the second segment those without rank will be ordered following their start order in the current unit.

Element: Result /ExtendedResults /ExtendedResult (1,N)

Type		Code	Pos	Description
ER		FNR	N/A	Element Expected: When applicable
	Attribute	**M/O**	**Value**	**Description**
	Value	O	S(1)	Send 'Y' if the competitor did not reach the final / last unit, else do not send
ER		WD	N/A	Element Expected: When applicable
	Attribute	**M/O**	**Value**	**Description**
	Value	O	S(1)	Send 'Y' if the competitor withdrew at the final / last unit, else do not send
ER		QUAL_POINTS	N/A	Element Expected: Only at Team event. Only after qualification phase has finished
	Attribute	**M/O**	**Value**	**Description**
	Value	O	Numeric #0	Team Total Qualification score

Element: Result /RecordIndicators /RecordIndicator (1,N)

Cumulative result's record indicator. "Result" refers only to the total score.

Only when there is a Season Best broken for the total score after the end of a performance. Please pay attention that "The season best scores from the Short Program/Dance, Free Skating/Dance and Total Score are not related as they may have occurred in different events".

Attribute	M/O	Value	Description
Order	M	Numeric	The hierarchy (priority) for types of record from 1 to n.
Code	M	CC @RecordCode	Code which describes the record broken by the result value.
RecordType	M	CC @RecordType	Code which specifies the level at which the record is broken.
Equalled	O	S(1)	Send "Y" in the case that the record has been equalled else do not send.

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

Identifier of the unit which is included the result summary. ResultItem /Result will be for one previous unit.

Attribute	M/O	Value	Description
Unit	M	CC @Unit	Full RSC of the unit
Order	M	Numeric #0	Order of the units (chronological)

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

Attribute	M/O	Value	Description
Rank	O	Text	Rank of the competitor in the result for the event unit identified by /ResultItems /ResultItem.
RankEqual	O	S(1)	Send 'Y' in case of the Rank has been equalled else do not send
ResultType	O	SC @ResultType	Type of the @Result attribute for the event unit identified by /ResultItems /ResultItem.
Result	O	Numeric ##0.00 Or "-" (dash)	The result of the competitor for the event unit identified by /ResultItems /ResultItem. In the case of team event this is the judges' score. Dash "-" may apply when an expected score is missing like in the case where a team member failed to compete in his/her round (e.g.: a Male athlete in Men round of Team event, Qualification phase)
ResultPoints	O	Numeric #0 Or "-" (dash)	Team points in the team event. Dash "-" may apply when an expected score is missing like in the case where a team member failed to compete in his/her round (e.g: a Male athlete in Men round of Team event, Qualification phase)
IRM	O	SC @IRM	The invalid result mark (IRM), in case it is assigned for the event unit identified by /ResultItems /ResultItem Send just in the case @ResultType is IRM
SortOrder	M	Numeric	Used to sort all results in an event unit identified by /ResultItems /ResultItem

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

Type		Code	Pos	Description
ER		COMPETITOR	N/A	Element Expected: When available in Team event.
	Attribute	**M/O**	**Value**	**Description**
	Value	M	S(20) without leading zeroes	Send the competitor code, with the athlete or the couple.

Element: Result /ResultItems /ResultItem /Result /RecordIndicators /RecordIndicator (1,N)

Result's record indicator.
"Result" refers only to the result of the segment e.g. Short Program/Dance or Free Skating/Dance.

Only when there is a Season Best broken for the segment after the end of a performance. Please pay attention that "The season best scores from the Short Program/Dance, Free Skating/Dance and Total Score are not related as they may have occurred in different events".

Attribute	M/O	Value	Description
Order	M	Numeric	The hierarchy (priority) for types of record from 1 to n.
Code	M	CC @RecordCode	Code which describes the record broken by the result value.
RecordType	M	CC @RecordType	Code which specifies the level at which the record is broken.
Equalled	O	S(1)	Send "Y" in the case that the record has been equalled else do not send.

Element: Result /Competitor (1,1)

Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Competitor's ID For Competitor @Type=T, it will be: Team's ID for Team event, or, Couple's ID for Pairs and Ice Dance events. Otherwise, Athlete's ID (for Competitor @Type=A).
Type	M	S(1)	T for team, A for athlete
Organisation	M	CC @Organisation	Competitor's organisation

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

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

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

Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Athlete's ID
Order	M	Numeric	Order attribute used to sort team members in a team (if Competitor @Type="T") or 1 if Competitor @Type="A".

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

Athletes extended information.

Attribute	M/O	Value	Description
GivenName	O	S(25)	Given name in WNPA format (mixed case)
FamilyName	M	S(25)	Family name in WNPA format (mixed case)
Gender	M	CC @PersonGender	Gender of the athlete
Organisation	M	CC @Organisation	Athletes' organisation
BirthDate	O	Date	Birth date (example: YYYY-MM-DD). Must include if the data is available
IFId	O	S(16)	International Federation ID

Element: Result /Competitor /Composition /Team (0,N)

Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Competitor's ID. Send only for Team Event at the top level Couple's ID for Pairs and Ice Dance events.
Order	M	Numeric 0	Order of the pairs

Element: Result /Competitor /Composition /Team /Description (0,1)

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

Element: Result /Competitor /Composition /Team /Composition /Athlete (1,1)

Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Athlete's ID
Order	M	Numeric 0	Couple member order, woman is 1, man is 2

Element: Result /Competitor /Composition /Team /Composition /Description (1,1)

Attribute	M/O	Value	Description
GivenName	O	S(25)	Given name in WNPA format (mixed case)
FamilyName	M	S(25)	Family name in WNPA format (mixed case)
Gender	M	CC @PersonGender	Gender of the athlete
Organisation	M	CC @Organisation	Athletes' organisation
BirthDate	O	Date	Birth date (example: YYYY-MM-DD). Must include if the data is available
IFId	O	S(16)	International Federation ID

Sample (Individual event)

```
<Result Rank="1" ResultType="POINTS" Result="280.09" SortOrder="1">
  <ResultItems>
    <ResultItem Unit="FSKMSINGLES-----------QUAL000100--">
      <Result Rank="1" ResultType="POINTS" Result="101.45" SortOrder="1" />
    </ResultItem>
    <ResultItem Unit="FSKMSINGLES-----------FNL-000100--">
      <Result Rank="1" ResultType="POINTS" Result="178.64" SortOrder="1" />
    </ResultItem>
  </ResultItems>
  <Competitor Code="2000000" Type="A" Organisation="GER" >
    <Composition>
    <Athlete Code="2000000" Order="1" >
      <Description GivenName="John" FamilyName="Smith" Gender="M" Organisation="GER" BirthDate="1994-12-15" />
    </Athlete>
    </Composition>
  </Competitor>
</Result>
```

Sample (Team event)

```
<Result Rank="1" ResultType="POINTS" Result="19" SortOrder="1">
  <ResultItems>
    <ResultItem Unit="FSKXTEAM-------------QUAL0001MN--">
      <Result Rank="2" ResultType="POINTS" Result="89.24" ResultPoints="9" SortOrder="2" />
        <ExtendedResult Type="ER" Code="COMPETITOR" Value="1234567" />
      </ResultItem>
    <ResultItem Unit="FSKXTEAM-------------QUAL0002LD--">
      <Result Rank="1" ResultType="POINTS" Result="79.14" ResultPoints="10" SortOrder="1" />
        <ExtendedResult Type="ER" Code="COMPETITOR" Value="1234111" />
    </ResultItem>
  </ResultItems>
  <Competitor Code="FSKXTEAM----RUS01" Type="T" Organisation="RUS" >
    <Description Name="Russian Federation" />
    <Composition>
    <Athlete Code="2001879" Order="1" >
      <Description GivenName="John" FamilyName="Smith" Gender="M" Organisation="RUS" BirthDate="1994-12-15"/>
    </Athlete>
    <Athlete Code="2001881" Order="2" >
      <Description GivenName="Elena" FamilyName="Petrova" Gender="F" Organisation="RUS" BirthDate="1998-02-13" />
    </Athlete>
    <Team Code="2003333" Order="1" >
      <Description Name="Jan Brown / Jack Smith" />
      <Athlete Code="1001879" Order="1" >
        <Description GivenName="Jan" FamilyName="Brown" Gender="F" Organisation="RUS" BirthDate="1994-12-15"/>
      </Athlete>
      <Athlete Code="3001881" Order="2" >
        <Description GivenName="Jack" FamilyName="Smith" Gender="M" Organisation="RUS" BirthDate="1987-02-13" />
      </Athlete>
...
  </Composition>
```

2.2.5.5   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 athletes finished the current unit ordered by overall rank
2) All athletes 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 athlete still to start in the current unit (start order)
4) All athletes not qualified, but having a score from previous units
5) All athletes with IRM (sorting according to Discipline/ORIS standard order)

2.2.6 Event Final Ranking

2.2.6.1 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.

2.2.6.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC @Competition	Unique ID for competition
DocumentCode	Full RSC (34) of the Event	One message is sent for each event.
DocumentType	DT_RANKING	Event Final ranking message
Version	1..V	Version number associated to the message's content. Ascendant number
ResultStatus	SC @ResultStatus	Result status, indicates whether the data is official or partial. PARTIAL OFFICIAL
FeedFlag	"P"-Production "T"-Test	Test message or production message.
Date	Date	Date when the message is generated, expressed in the local time zone where the message was produced.
Time	Time	Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced.
LogicalDate	Date	Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight.

If an event unit continues after midnight (24:00), all messages produced will be considered as happening at the logical date on which the event unit began (e.g. for a session which began at 21:00 on Aug 2 and ended at 1:20 on Aug 3, the message will all be dated Aug 2).

The end of the logical day is defined by default at 03:00 a.m.

For messages corrections, like invalidating medals or Records, it will be the LogicalDate of the day of the correction.

Logical Date is expressed in the local time zone where the message was produced. |
| Source | SC @Source | Code indicating the system which generated the message. |

2.2.6.3 Trigger and Frequency

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

2.2.6.4 Message Values

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

Element: ExtendedInfos /SportDescription (0,1)			
Sport Description in text			
Attribute	**M/O**	**Value**	**Description**
DisciplineName	M	S(40)	Discipline name (not code) from Common Codes
EventName	M	S(40)	Event name (not code) from Common Codes.
Gender	M	CC @DisciplineGender	Gender code for the event unit.

Element: ExtendedInfos /VenueDescription (0,1)			
Attribute	**M/O**	**Value**	**Description**
Venue	M	CC @VenueCode	Venue code
VenueName	M	S(25)	Venue short name (not code) from Common Codes

Element: 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	String	Final rank of the competitor in the event. This attribute is optional as the competitor may have got an invalid result mark.
RankEqual	O	S(1)	Send Y if the rank is equalled, else do not send.
ResultType	O	SC @ResultType	Type of the @Result attribute
Result	O	Numeric ###.#0 Or "-" (dash) Or #0 (Team event)	Final result for the event. Send just in the case @ResultType is points
IRM	O	SC @IRM	The invalid result mark (IRM), in case it is assigned
SortOrder	M	Numeric	This attribute is a sequential number with the order of the competitors as specified for the discipline

Element: Result /ExtendedResults /ExtendedResult (1,N)

	Type	Code	Pos	Description
ER		FNR	N/A	Element Expected: When applicable
	Attribute	**M/O**	**Value**	**Description**
	Value	M	S(1)	Send 'Y' if the competitor did not reach the final (Final Not Reached)
ER		WD	N/A	Element Expected: When applicable
	Attribute	**M/O**	**Value**	**Description**
	Value	M	S(1)	Send 'Y' if the competitor withdrew from the final / last unit, else do not send

Sample (Individual event)

```
<Result Rank="16" ResultType="POINTS" Result="120.54" SortOrder="16" >
   <Competitor Type="A" Code="1067129" Organisation="SUI" >
      <Composition>
         <Athlete Code="1067129" Order="1" />
            <Description  GivenName="James"  FamilyName="Black"  Gender="M"  Organisation="SUI"
BirthDate="1994-12-18" IFId="ISUFS0045987" />
      </Composition>
   </Competitor>
</Result>
<Result Rank="17" ResultType="POINTS" Result="57.34" SortOrder="17">
   <ExtendedResult Type="ER" Code="FNR" Value="Y" />
   <Competitor Type="A" Code="1090447" Organisation="NZL" >
      <Composition>
         <Athlete Code="1090447" Order="1">
            <Description  GivenName="Jon"  FamilyName="Smith"  Gender="M"  Organisation="NZL"
BirthDate="1994-12-15" IFId="ISUFS0019977" />
         </Athlete>
      </Composition>
```

Element: Result /Competitor (1,1)

Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Competitor's ID For Competitor @Type=T, it will be: Team's ID for Team event, or, Couple's ID for Pairs and Ice Dance events. Otherwise, Athlete's ID (for Competitor @Type=A).
Type	M	S(1)	T for team, A for athlete
Organisation	O	CC @Organisation	Competitor's organisation

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

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

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

Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Athlete's ID, corresponding to either a team member or a single athlete Team members should be participating in the event.
Order	M	Numeric #0	If Competitor @Type=T: Order attribute used to sort team members If Competitor @Type=A then order is 1

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

Attribute	M/O	Value	Description
GivenName	O	S(25)	Given name in WNPA format (mixed case)
FamilyName	M	S(25)	Family name in WNPA format (mixed case)
Gender	M	CC @PersonGender	Gender of the athlete
Organisation	M	CC @Organisation	Athletes' organisation
BirthDate	O	Date	Birth date (example: YYYY-MM-DD). Must include if the data is available
IFId	O	S(16)	International Federation ID

Element: Result /Competitor /Composition /Team (0,N)
Only applicable for Team Event

Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Couple's ID for Pairs and Ice Dance events.
Order	M	Numeric	Value is 1, 2 ..for each team in the team.

Element: Result /Competitor /Composition /Team /Description (0,1)

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

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

Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Athlete's ID
Order	M	Numeric #0	Order attribute used to sort team members

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

Attribute	M/O	Value	Description
GivenName	O	S(25)	Given name in WNPA format (mixed case)
FamilyName	M	S(25)	Family name in WNPA format (mixed case)
Gender	M	CC @PersonGender	Gender of the athlete
Organisation	M	CC @Organisation	Athletes' organisation
BirthDate	O	Date	Birth date (example: YYYY-MM-DD). Must include if the data is available
IFId	O	S(16)	International Federation ID

2.2.6.5 Message Sort

Sort by Result @SortOrder

2.2.7 Configuration

2.2.7.1   Description

The Configuration is a message containing general configuration.

2.2.7.2   Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC @Competition	Unique ID for competition
DocumentCode	Full RSC	Sent according to the ODF header values. One message is sent for each event unit (unit level) for all events, additionally one message is sent per phase (phase level) in the team event.
DocumentType	DT_CONFIG	Configuration message
Version	1..V	Version number associated to the message's content. Ascendant number
FeedFlag	"P"-Production "T"-Test	Test message or production message.
Date	Date	Date when the message is generated, expressed in the local time zone where the message was produced.
Time	Time	Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced.
LogicalDate	Date	Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight. If an event unit continues after midnight (24:00), all messages produced will be considered as happening at the logical date on which the event unit began (e.g. for a session which began at 21:00 on Aug 2 and ended at 1:20 on Aug 3, the message will all be dated Aug 2). The end of the logical day is defined by default at 03:00 a.m. For messages corrections, like invalidating medals or Records, it will be the LogicalDate of the day of the correction. Logical Date is expressed in the local time zone where the message was produced.
Source	SC @Source	Code indicating the system which generated the message.

2.2.7.3   Trigger and Frequency

The message is sent prior to any ODF Sports message.

Trigger after any major change, but considering that, if possible, the configuration must be provided before the start list or an impacted unit. If a DT_CONFIG message is sent after a DT_RESULT in a related unit then the next version of DT_RESULT must be sent immediately.

2.2.7.4 Message Values

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

Element: Configs /Config (1,N)			
Attribute	**M/O**	**Value**	**Description**
Unit	M	CC @Unit CC @Phase	Full RSC of the Unit. Can be at event unit level (for all events, unit message) or at phase level (for the team event, overall message).

Element: Configs /Config /ExtendedConfig (1,N)				
Type		**Code**	**Pos**	**Description**
QUALIFICATION		FROM_RANK	N/A	Pos Description: N/A Element Expected: Send (except Final) if this rule applies to the competition
	Attribute	**M/O**	**Value**	**Description**
	Value	M	Numeric #0	Send the qualifying rank to indicate first rank to qualify
QUALIFICATION		TO_RANK	N/A	Pos Description: N/A Element Expected: Send (except Final) if this rule applies to the competition
	Attribute	**M/O**	**Value**	**Description**
	Value	M	Numeric #0	Send the qualifying rank to indicate last rank to qualify
EC		JUDGES	N/A	Element Expected: Always
	Attribute	**M/O**	**Value**	**Description**
	Value	M	Numeric #0	Send the number of judges in this unit
EC		TEAM_ORDER	Numeric #0	Pos Description: Send the order (1-4) for order on the subunits in the team event Element Expected: Always in the team overall (for each phase)
	Attribute	**M/O**	**Value**	**Description**
	Value	M	CC @Unit	Send the Full RSC of the subunit

Element: Configs /Config /ExtendedConfig (1,N)

Type	Code	Pos	Description
STARTLIST	WARMUP RESURFACING GROUP	Numeric #0	Pos Description: Send the order of this code over all different codes. Element Expected: For each unit

Attribute	M/O	Value	Description
Value	M	Numeric #0	Send the order considering all references of this code value (1,2, … WARMUP for example)

Sub Element: Configs /Config /ExtendedConfig /ExtendedConfigItem
Expected: When available

Attribute	Value	Description
Code	END	
Pos	N/A	
Value	hh:mm	Send the end time for this activity

Sub Element: Configs /Config /ExtendedConfig /ExtendedConfigItem
Expected: When available

Attribute	Value	Description
Code	START	
Pos	N/A	
Value	hh:mm	Send the start time for this activity

Sample(Singles Qualification unit - in all events)

```
<Configs>
    <Config Unit="FSKMSINGLES-----------QUAL000100--">
        <ExtendedConfig Type="QUALIFICATION" Code="FROM_RANK" Value="1" />
        <ExtendedConfig Type="QUALIFICATION" Code="TO_RANK" Value="20" />
        <ExtendedConfig Type="EC" Code="JUDGES" Value="9" />
        <ExtendedConfig Type="STARTLIST" Code="WARMUP" Pos="1" Value="1">
            <ExtendedConfigItem Code="START" Value="15:30"/>
            <ExtendedConfigItem Code="END" Value="15:40"/>
        </ExtendedConfig >
        <ExtendedConfig Type="STARTLIST" Code="GROUP" Pos="2" Value="1">
            <ExtendedConfigItem Code="START" Value="15:40"/>
            <ExtendedConfigItem Code="END" Value="16:10"/>
        </ExtendedConfig >
        <ExtendedConfig Type="STARTLIST" Code="WARMUP" Pos="3" Value="2">
            <ExtendedConfigItem Code="START" Value="16:10"/>
            <ExtendedConfigItem Code="END" Value="16:20"/>
        </ExtendedConfig >
        <ExtendedConfig Type="STARTLIST" Code="GROUP" Pos="4" Value="2">
            <ExtendedConfigItem Code="START" Value="16:20"/>
            <ExtendedConfigItem Code="END" Value="16:50"/>
        </ExtendedConfig >
        <ExtendedConfig Type="STARTLIST" Code="RESURFACING" Pos="5" Value="1">
            <ExtendedConfigItem Code="START" Value="16:50"/>
            <ExtendedConfigItem Code="END" Value="17:10"/>
        </ExtendedConfig >
    </ExtendedConfig >
```

Sample (Team event Final unit - in all events)

```
<Configs>
    <Config Unit="FSKXTEAM-------------FNL-0003PR--">
        <ExtendedConfig Type="EC" Code="JUDGES" Value="9" />
        <ExtendedConfig Type="STARTLIST" Code="WARMUP" Pos="1" Value="1">
            <ExtendedConfigItem Code="START" Value="19:00"/>
            <ExtendedConfigItem Code="END" Value="19:06"/>
        </ExtendedConfig >
        <ExtendedConfig Type="STARTLIST" Code="GROUP" Pos="2" Value="1">
            <ExtendedConfigItem Code="START" Value="19:06"/>
            <ExtendedConfigItem Code="END" Value="19:33"/>
        </ExtendedConfig >
        <ExtendedConfig Type="STARTLIST" Code="WARMUP" Pos="3" Value="2">
            <ExtendedConfigItem Code="START" Value="19:33"/>
            <ExtendedConfigItem Code="END" Value="19:39"/>
        </ExtendedConfig >
        <ExtendedConfig Type="STARTLIST" Code="GROUP" Pos="4" Value="2">
            <ExtendedConfigItem Code="START" Value="19:40"/>
            <ExtendedConfigItem Code="END" Value="20:07"/>
        </ExtendedConfig >
        <ExtendedConfig Type="STARTLIST" Code="RESURFACING" Pos="5" Value="1">
            <ExtendedConfigItem Code="START" Value="20:07"/>
            <ExtendedConfigItem Code="END" Value="20:17"/>
        </ExtendedConfig >
```

Sample (Team event - qualification)

```
<Configs>
    <Config Unit="FSKXTEAM-------------QUAL-------">
        <ExtendedConfig Type="EC" Code="TEAM_ORDER" Pos="1" Value="FSKXTEAM-------------QUAL0001MN--" />
        <ExtendedConfig Type="EC" Code="TEAM_ORDER" Pos="2" Value="FSKXTEAM-------------QUAL0003PR--" />
        <ExtendedConfig Type="EC" Code="TEAM_ORDER" Pos="3" Value="FSKXTEAM-------------QUAL0004DC--" />
        <ExtendedConfig Type="EC" Code="TEAM_ORDER" Pos="4" Value="FSKXTEAM-------------QUAL0002LD--" />
    </Config>
```

2.2.7.5   Message Sort

There is no message sorting rule.

2.2.8 Event's Medallists

2.2.8.1 Description

The Event's Medallists is a message containing the list of medallists awarded in one event.

2.2.8.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC @Competition	Unique ID for competition
DocumentCode	Full RSC (event level)	Full RSC at event level
DocumentType	DT_MEDALLISTS	Event's Medallists message
Version	1..V	Version number associated to the message's content. Ascendant number
ResultStatus	SC @ResultStatus	It indicates whether the result is unofficial, official or partial. UNOFFICIAL OFFICIAL PARTIAL
FeedFlag	"P"-Production "T"-Test	Test message or production message.
Date	Date	Date when the message is generated, expressed in the local time zone where the message was produced.
Time	Time	Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced.
LogicalDate	Date	Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight. If an event unit continues after midnight (24:00), all messages produced will be considered as happening at the logical date on which the event unit began (e.g. for a session which began at 21:00 on Aug 2 and ended at 1:20 on Aug 3, the message will all be dated Aug 2). The end of the logical day is defined by default at 03:00 a.m. For messages corrections, like invalidating medals or Records, it will be the LogicalDate of the day of the correction. Logical Date is expressed in the local time zone where the message was produced.
Source	SC @Source	Code indicating the system which generated the message.

2.2.8.3 Trigger and Frequency

The message is sent with ResultStatus=PARTIAL when the information of the medallist is known but the final event Unit is not yet finished.

Sent immediately after the unit is finished and the results are unofficial. In case of any delay in publishing unofficial results it must be sent at the latest 5 minutes before any ceremony starts with Status=UNOFFICIAL. To be clear, this message must be sent before any ceremony.

The message is sent with ResultStatus=OFFICIAL when the medallists are officially known in the sport.

For some sports, bronze medals are known before the end of the final event unit. In this case the message is sent the first time with the bronze medallists (PARTIAL), and the second time with all the medallists.

Trigger also after any change.

2.2.8.4 Message Values

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

Element: ExtendedInfos /SportDescription (0,1)			
Attribute	**M/O**	**Value**	**Description**
DisciplineName	M	S(40)	Discipline name (not code) from Common Codes
EventName	M	S(40)	Event name (not code) from Common Codes.
Gender	M	CC @DisciplineGender	Gender code for the event

Element: ExtendedInfos /VenueDescription (0,1)			
Attribute	**M/O**	**Value**	**Description**
Venue	M	CC @VenueCode	Venue Code
VenueName	M	S(25)	Venue short name (not code) from Common Codes

Element: Medal (1,N)			
Attribute	**M/O**	**Value**	**Description**
Code	M	SC @MedalType	Medal type. All the Competitors with the same SC @MedalType are not grouped in the same element.
Unit	M	CC @Unit	Full RSC Unit code in which a medal was awarded.
Date	M	Date	The date of the most recent unit in which a medal was determined for this event, in this case the date of the gold medal unit. It is the date of the unit, not the date of the awarding of the medal or the date of a later change in the medallists (that is it will not change [except in the case of a re-run], even if the medallists do)

Element: Medal /Competitor (1,1)

Attribute	M/O	Value	Description
Type	M	S(1)	T for team or A for athlete
Code	M	S(20) with no leading zeroes	Competitor's ID For Competitor @Type=T, it will be: Team's ID for Team event, or, Couple's ID for Pairs and Ice Dance events. Otherwise, Athlete's ID (for Competitor @Type=A).
Order	M	Numeric	Competitor order (Send 1 by default). In the case of tie the order is defined for the sport rules.
Organisation	M	CC @Organisation	Competitors' organisation

Element: Medal /Competitor /Description (0,1)

(for team and couples events)

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

Element: Medal /Competitor /Composition /Athlete (0,N)
(Include all members that won the medal according to sport rules if Competitor @Type="T")

Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Athlete's ID, corresponding either to a team member or an individual athlete
Order	M	Numeric	Order of the team members in a team if Competitor @Type="T". 1 if Competitor @Type="A".

Element: Medal /Competitor /Composition /Athlete /Description (1,1)

Attribute	M/O	Value	Description
GivenName	O	S(25)	Given name in WNPA format (mixed case)
FamilyName	M	S(25)	Family name in WNPA format (mixed case)
Gender	M	CC @PersonGender	Gender of the athlete
Organisation	M	CC @Organisation	Athletes' organisation
BirthDate	O	Date	Birth date (example: YYYY-MM-DD). Must include if the data is available
IFId	O	S(16)	International Federation ID

Element: Medal /Competitor /Composition /Athlete /ExtAthMedals /ExtAthMedal (1,N)

Type		Code	Pos	Description
EAM		DISCIP	N/A	Element Expected: Team Event only
	Attribute	**M/O**	**Value**	**Description**
	Value	M	SC @TeamDiscipline	Category where the team member participated in the team event (i.e.: Ladies, Men)

Element: Medal /Competitor /Composition /Team (0,N)
Only applicable for Team Event

Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Couple's ID for Pairs and Ice Dance events.
Order	M	Numeric	Value is 1, 2 ..for each team in the team.

Element: Medal /Competitor /Composition /Team /Description (0,1)

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

Element: Medal /Competitor /Composition /Team / ExtCompMedals /ExtCompMedal (1,N)

Type		Code	Pos	Description
ECM		DISCIP	N/A	Element Expected: Team Event only
	Attribute	**M/O**	**Value**	**Description**
	Value	M	SC @TeamDiscipline	Category where the team participated in the team event (i.e.: Pairs, Ice Dance)

Element: Medal /Competitor /Composition /Team /Composition /Athlete (0,N)

Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Athlete's ID
Order	M	Numeric #0	Order attribute used to sort team members

Element: Medal /Competitor /Composition /Team /Composition /Athlete /Description (1,1)

Attribute	M/O	Value	Description
GivenName	O	S(25)	Given name in WNPA format (mixed case)
FamilyName	M	S(25)	Family name in WNPA format (mixed case)
Gender	M	CC @PersonGender	Gender of the athlete
Organisation	M	CC @Organisation	Athletes' organisation
BirthDate	O	Date	Birth date (example: YYYY-MM-DD). Must include if the data is available
IFId	O	S(16)	International Federation ID

2.2.8.5   Message Sort

The message is sorted according to the medal type. Moreover, in case of tie the order is according to the Competitor@Order (given by the sport rule). Team members are sorted according to the Athlete@Order.

2.2.9 Medallists by Discipline

2.2.9.1 Description

The Medallists by discipline is a message containing the list of medallists for one discipline, up to the moment the message is generated.

The Medallists by discipline message is a complete message that increments its content as more medals are being awarded during the competition. The arrival of this message resets the entire previous Medallists by discipline information.

2.2.9.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC @Competition	Unique ID for competition
DocumentCode	Full RSC (discipline level)	Full RSC of the Discipline
DocumentType	DT_MEDALLISTS_DISCIPLINE	Medallists by discipline
Version	1..V	Version number associated to the message's content. Ascendant number
FeedFlag	"P"-Production "T"-Test	Test message or production message.
Date	Date	Date when the message is generated, expressed in the local time zone where the message was produced.
Time	Time	Time up to milliseconds when the message is generated, expressed in the local time zone where the message was produced.
LogicalDate	Date	Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight. If an event unit continues after midnight (24:00), all messages produced will be considered as happening at the logical date on which the event unit began (e.g. for a session which began at 21:00 on Aug 2 and ended at 1:20 on Aug 3, the message will all be dated Aug 2). The end of the logical day is defined by default at 03:00 a.m. For messages corrections, like invalidating medals or Records, it will be the LogicalDate of the day of the correction. Logical Date is expressed in the local time zone where the message was produced.
Source	SC @Source	Code indicating the system which generated the message.

2.2.9.3 Trigger and Frequency

Medallists by Discipline message is sent as soon as one new medal is officially known (but not necessarily awarded) for any of the events that are part of the competition schedule. As the competition progresses,

successive changes in the medallists by discipline information are made.

Trigger also after any change.

2.2.9.4   Message Values

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

Element: ExtendedInfos /SportDescription (0,1)			
Attribute	**M/O**	**Value**	**Description**
DisciplineName	M	S(40)	Discipline name (not code) from Common Codes

Element: Discipline (1,1)			
Attribute	**M/O**	**Value**	**Description**
Code	M	Full RSC	Full RSC Discipline Code
TotalEvents	M	Numeric	Total number of competition events (events that award medals)
FinishedEvents	M	Numeric	Number of competition events that have awarded any type of medal, out of the total. In case of sports with 2 matches have medals (Bronze and Gold), this attribute only counts when the Gold medal has been awarded (not counted for Bronze because the event has not finished yet).

Element: Discipline /Event (1,N)			
Attribute	**M/O**	**Value**	**Description**
Code	M	CC @Event	Full RSC of the Event
EventName	M	S(40)	Event name (not code) from Common Codes
Date	M	YYYY-MM-DD	Date of the Gold medal match.

Element: Discipline /Event /Medal (1,N)			
Attribute	**M/O**	**Value**	**Description**
Code	M	SC @MedalType	Medal type gold, silver or bronze. All the Competitors with the same CC@MedalType must not be grouped in the same element (it applies in the equalled medals)

Element: Discipline /Event /Medal /Competitor (1,1)

Competitor related to the medals.

Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Competitor's ID
Type	M	S(1)	T forTeam A for Athlete
Order	M	Numeric	Competitor order (Send 1 by default) and in the case of tie the order will be defined by the IOC rules.
Organisation	M	CC @Organisation	Competitors' organisation

Element: Discipline /Event /Medal /Competitor /Description (0,1)
Only for teams

Attribute	M/O	Value	Description
TeamName	M	S(73)	Name of the team. Only applies for teams.
IFId	O	S(16)	Team IF number, send if available

Element: Discipline /Event /Medal /Competitor /Composition /Athlete (0,N)

Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Individual athlete's ID (if Competitor @Type="A" or team member's ID (if Competitor @Type="T").
Order	M	Numeric #0	Team member order for medal. Send 1 if individual medal.

Element: Discipline /Event /Medal /Competitor /Composition /Athlete /Description (1,1)

Attribute	M/O	Value	Description
GivenName	O	S(25)	Given name in WNPA format (mixed case)
FamilyName	M	S(25)	Family name in WNPA format (mixed case)
Gender	M	CC @PersonGender	Gender of the athlete
Organisation	M	CC @Organisation	Athletes' organisation
BirthDate	O	Date	Birth date (example: YYYY-MM-DD). Must include if the data is available
IFId	O	S(16)	International Federation ID

Element: Discipline /Event /Medal /Competitor /Composition /Athlete/ExtCompMedals /ExtCompMedal (1,N)
Only used in the case of team event

Type	Code	Pos	Description
ED	DISCIP	N/A	Element Expected: Team Event only

	Attribute	M/O	Value	Description
	Value	M	SC @TeamDiscipline	Category where the team member participated in the team event (i.e.: Ladies, Men)

Element: Discipline /Event /Medal /Competitor /Composition /Team (0,N)
Only applicable in the case of team event

Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Team's ID
Order	M	Numeric 0	Order of the teams if multiple teams else 1

Element: Discipline /Event /Medal /Competitor /Composition /Team /Description (1,1)

Attribute	M/O	Value	Description
TeamName	M	S(73)	Name of the team. Only applies for teams
IFId	O	S(16)	Team IF number, send if available (only pair/ice dance)

Element: Discipline /Event /Medal /Competitor /Composition /Team /ExtCompMedals /ExtCompMedal (1,N)
Only used in the case of team event

Type		Code	Pos	Description
ED		DISCIP	N/A	Element Expected: Pairs/Ice Dance within Team
	Attribute	**M/O**	**Value**	**Description**
	Value	M	SC @TeamDiscipline	Category where the team member participated in the team event (i.e.: Pairs/Ice Dance)

Element: Discipline /Event /Medal /Competitor /Composition /Team /Composition /Athlete (1,N)

Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Athlete's ID of the listed team's member. Therefore, he/she is part of the team.
Order	O	Numeric	Team member order

Element: Discipline /Event /Medal /Competitor /Composition /Team /Composition /Athlete /Description (1,1)

Attribute	M/O	Value	Description
GivenName	O	S(25)	Given name in WNPA format (mixed case)
FamilyName	M	S(25)	Family name in WNPA format (mixed case)
Gender	M	CC @PersonGender	Gender of the athlete
Organisation	M	CC @Organisation	Athletes' organisation
BirthDate	O	Date	Birth date (example: YYYY-MM-DD). Must include if the data is available
IFId	O	S(16)	International Federation ID

2.2.9.5   Message Sort

Events in the message will be sorted by the chronological order in which the events took place, (the time is considered to be the time of the gold medal) unit followed by medal order (gold, silver, bronze) and then by the official result order.

3 Document Control

Version history		
Version	**Date**	**Comments**
V0.1		First version
V0.2	16 Aug 2019	Modifications for Lausanne2020
V0.3	06 Sept 2019	Update of a number of messages, add table of contents
V0.4	27 Sept 2019	Update following feedback from development

File Reference: ODF WYOG-2020-FSK-0.4 SFR

Change Log		
Version	**Status**	**Changes on version**
V0.1	SFR	First version
V0.2	SFR	Modifications for Lausanne2020
V0.3	SFR	DT_PARTIC - Element: Participant; Attribute: Olympic Solidarity DT_PARTIC_TEAMS - Element: Team; Attribute: Name DT_PARTIC_TEAMS - Element: Team; Attribute: TVTeamName
V0.4	SFR	DT_CUMULATIVE _RESULT: update triggers to send when getting ready for units after the first DT_RESULT: added sub element for factor_flag