INTERNATIONAL
OLYMPIC
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ODF/INT016-R1 v5.0 APP

Olympic Data Feed

ODF Ski Jumping Data Dictionary

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Technology Department

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DOCUMENT CONTROL

Version history

Version	Date	Comments
1.0	18 April 2008	Submitted for review version
1.1	15 May 2008	Changes applied according to comments gathered in DRF to version 1.0 SFR Status changed to SFA
R1 v1.0	29 May 2008	Document reformatted according to changes log Status changed to APP
R1 v2.0	14 July 2008	Corrected errors as explained in the changes log
R1 v3.0	17 October 2008	Changes after the WNPA meeting held on October 1-2. Some minor corrections according to the sport rules
R1 v3.1	10 February 2009	Some minor corrections according to the sport rules
R1 v3.2	3 April 2009	Some minor corrections in the chapter 4 applicable messages
R1 v3.3	18 June 2009	Some minors changes according to the Vancouver integration team review.
R1 v4.0	8 July 2009	CR721 to add messages of Updates for Athletes, officials, teams and added the copyright. and added the copyright
R1 v5.0	18 September 2009	Apply the CR1006 that are some changes in ODF documents after Homologation Test.

File reference: ODF/INT016-R1 v5.0 APP

Change Log

Version	Status	Changes on version
1.0	SFR	• First version
1.1	SFA	• Overall: Removed any reference to TeamComposition element not being sent for some particular messages. Moreover, TeamComposition element has been renamed to Composition in the messages' structure documents, anyway. • Better described the meaning of the table in chapter 4. • Chapter 4 Applicable Messages: DT_MEDALLISTS_SPORT changed to DT_MEDALLISTS_DISCIPLINE. Message documented now as "Sports". Added new "Brackets" message, although this message is not applicable to SJ • Chapter 4: DT_STANDING renamed to DT_POOL_STANDING. Besides, for the title of the report DT_MEDALLISTS, it has been removed the word 'podium'. • Points format changed from N(3).N(1) 999.9 to N(4).N(1) 9990.0, since at least units and first decimal digit should be sent as 0 if it is the case, and moreover extended the results from 3 digits to 4. • Chapters 5.x.2: Removed tables with messages' applicable RSC. These RSC codes will be referenced in the ODF common codes Chapter 5.2.5 Upgraded Bib number from EventUnitEntry "code" to attribute in the DT_START_LIST message, Start /Competitor element (for team event units) or Start /Competitor /Composition /Athlete (for individual event units). Changed reference to Alpine Skiing by Ski Jumping. Added new rule to indicate number of pre-qualified jumpers. • Chapter 5.2: Start list UnitDateTime optional element should be used in the case of this sport. • Chapter 5.3 Event unit results UnitDateTime optional element should be used in the case of this sport, however making @EndDate also mandatory. Send PhaseInfo with the same information as in the start list. • Chapter 5.3.5: Added QualificationMark attribute in event unit results. For this reason, added also these codes in chapter 3. Added clarification for snot temperature and snow conditions in the case of event unit result • Reviewed the use of single athlete vs. team in competitors elements according to global changes through all the document • Overall: For all messages with extended information, added table with explanation about when this extended information is expected.
R1 v.1.0	APP	• Versioning changed to Rr Vv1.v2, where r is release, and constant number for the documentation until the end of the Olympic Games, v1 refers to the part 1 of the document and v2 refers to the part 2 of the document • The document has been split in two parts. Part I refers to the Olympic Games competition, while part II refers to other competition exceptions. Added comment about this new format in chapter 1.1. • Minor changes in some attribute formats
R1 v2.0	APP	• Chapter I.1.6.5. Corrected error. The name of the element being defined in the table is CumulativeResult, as it can be seen in the ODF Sport Messages Interface Document.
R1 v3.0	APP	• Please, review changes in the messages' generic structure in the ODF Central Messages and ODF Sport Messages Interface documents as well as ODF header redefinition. • Removed part II for other competitions, and renumbered all chapters according to this circumstance. • Added new messages DT_HISTORIC_RECORD, DT_GLOBAL_GM, DT_GLOBAL_GN, DT_GM and DT_GN in table of chapter 4 Applicable Messages. Extended DT_GM and DT_GN messages to redefine ODF header DocumentCode attribute. • The attribute RSC in the ODF header has been renamed as DocumentCode according to the new ODF header definition

Change Log

Version	Status	Changes on version
		Other changes: • Chapter 3 Codes: Added RT_DISTANCE as a possible result type, for training and trial and IRF for Inrun fall in CC @IRM • Chapter 5.3: Event unit results. For codes SJ_LENGTH_POINTS and SJ_JUMP_POINTS added the comment that they are included always except for training and trial. • Chapter 5.3.5: Added the possibility to include team member IRM in the case of team event units • Added a further detail for the SortOrder attribute in the messages of chapter 5.3, 5.4 and 5.5 (Event unit results, cumulative results and event final ranking)
R1 v3.1	APP	• Add the element Official with his child elements in the Chapter 5.2.5
R1 v3.2	APP	• Correct in the table of applicable messages the use of cumulative message vs phase message..
R1 v3.3	APP	• Change in the section Codes some codes to lowercase for QualificationMark. • In the Event unit Result Message, cange the Expected value for ER_SJ/SJ_JUDGE and ER_SJ/SJ_JUDGES • For Cumulative Result and Event Final Ranking Message, Update the description in Result@SortOrder,Result@Result and Result@ResultType attributes. • Change the Comments for the Bib attributes in the start list message.
R1 v4.0	APP	• Add three new messages for update Athletes, Officials and Teams data. • Add the copyright.
R1 v5.0	APP	• Make the Bib attribute Mandatory in Start /Competitor /Composition /Athlete element of the Start List message. • Correct the description column for the Code PhaseInfo@QR_PREQUALIFIED (and Expected table) in the Start list message. • Change the Format to S(2) for the code SJ_POSITION in the element Officials/Official/ExtOfficial in the Start List message. • Clarify the description to the attribute SortOder in the Cumulative Result and Final Ranking messages. • Add the attribute Bib in the Results and Final Ranking messages for the Result/ Competitor and Result/ Competitor/ Composition/ Athlete elements. • Add a new comment to the Rank attribute and in expected table for SJ_LENGTH_POINTS, SJ_JUMP_POINTS codes in the Result message. • Add SJ_RULE and SJ_RULE_TEXT to identify the rule in case of Disqualifiacation in the Result message. • Add a new codes for the Rules, add four more about rank and gate for the Training and Trial events and clarify the comments in Result and ResultType attributes in the Result message. • Change the requirement and comments for the attribute Order of the Official element in the Start List.

TABLE OF CONTENT

1. Introduction

1.1. This document

This document includes the ODF Ski Jumping Data Dictionary. This Data Dictionary refines the messages described in the ODF Central Messages Interface Document and ODF Sport Messages Interface Document specifically for Ski Jumping, as well as defines the codes used in these messages.

1.2. Objective

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

1.3. Main Audience

The main audience of this document is the IOC as the ODF promoter, ODF users such as the World News Press Agencies, Rights Holding Broadcasters and International Sports Federations.

1.4. Glossary

The following abbreviations are used in this document

- **IF –** International Federation
- **IOC –** International Olympic Committee
- **NOC –** National Olympic Committee
- **ODF –** Olympic Data Feed
- **RSC –** Results System Codes
- **SJ –** Ski Jumping
- **WNPA –** World News Press Agencies

1.5. Related Documents

Document Reference	Document Title	Document Description
ODF/INT001	ODF Message Transmission Document	This document describes the technical standards to be used to transfer ODF messages between the message generators and the final ODF users

ODF/INT002	IDS-Global Interface Description Document	This document describes the outmost tag of all documents flowing through IDS. Any message being described in this document will have to follow the general definitions of the IDS-Global Interface Description Document. However, some restrictions to the outmost tag (message header) may be done in this specific interface document.
ODF/COD001	ODF Common Codes Document	This document describes the ODF codes used across the rest of the ODF documents
ODF/INT003	ODF Central Messages Interface Document	This document describes the ODF central messages
ODF/INT004	ODF Sport Messages Interface Document	This document describes the ODF sport messages, generated independently by each sport

2. Overall Perspective

2.1. Objective

The objective of this document is to focus on the formal definition of the ODF Ski Jumping Data Dictionary.

2.2. End to End data flow

The general rules as described in the documents referenced in the section 1.5 will have to be considered for a complete and formal definition. It is especially important the ODF Central Messages Interface Document and ODF Sport Messages Interface Document, since this ODF Ski Jumping is a particularization of those documents.

In the following sections, for each ODF sport message it will be explained in further detail those elements, attributes, codes, IDS header and ODF header, the trigger and frequency for each message generation, as well as the sort of the message that are particular in the case of Ski Jumping.

Any ODF Ski Jumping message should follow all the previous definitions in order to be considered as an ODF compliant message.

3. Codes

Several codes are used in the definition of the messages in this document. Any code will be referenced the following way:

CC @CodeEntity

CodeEntity is the name of the entity that identifies a particular set of codes.

The following table describes the codes entities used in document sorted by name, indicating whether the set of values can be found in the ODF Common Codes Document, or listed in the table itself, otherwise.

Code Entity	**Code Entity Set of Values**	
CC @IRM (The provided codes order is according to the sport rules. In case of several DSQ or DNS, sort by start order).	**Code**	**Description**
	DSQ	Disqualified
	DNS	Did not start
	IRF	In run Fall
CC @QualificationMark	**Code**	**Description**
	Q	Qualified by rank
	q	Qualified by rule (jury decision)
	pq	Prequalified
CC @ResultType	**Code**	**Description**
	RT_DISTANCE	Distance (in the case of training, trial or pre-qualified jumpers with valid results but no rank and no points)
	RT_POINTS	Points
	RT_INVALID_RESULT	Invalid Result Mark
CC @SnowConditions	Defined in ODF Common Codes Document See entity Snow Conditions • The entity's attribute to be used is Code	
CC @WeatherConditions	Defined in ODF Common Codes Document See entity Weather Conditions • The entity's attribute to be used is Code	
CC@Functions	Defined in ODF Common Codes Document See entity Function The entity's attribute to be used is Function	

4. Applicable Messages

The following table is a full list of all ODF messages and describes the list of messages used in Ski Jumping, as well as the category of each message, which identifies if the message structure definition can be found either in the ODF Sport Messages Interface Document or ODF Central Messages Interface Document.

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

Message Type	Message name	Message documented	Message used in this sport	Message extended in this document
DT_SCHEDULE	Competition schedule	Central	X	
DT_SCHEDULE_UPDATE	Competition schedule update	Central	X	
DT_ORGANISATIONS	Organisations	Central	Global	
DT_PARTIC_ATHLETES	List of athletes by discipline	Central	X	
DT_PARTIC_ATH_UPDATE	List of athletes by discipline update	Central	X	
DT_PARTIC_OFFICIALS	List of officials	Central	X	
DT_PARTIC_OFF_UPDATE	List of officials update	Central	X	
DT_PARTIC_TEAMS	List of teams	Central	X	
DT_PARTIC_TEA_UPDATE	List of teams update	Central	X	
DT_PARTIC_HISTORIC	List of historical athletes	Central		
DT_TEAM_HISTORIC	List of historical teams	Central		
DT_PARTIC_HORSES	List of equestrian horses	Central		
DT_MEDALS	Medal standings	Central	Global	
DT_MEDALLISTS_DAY	Medallists of the day	Central	Global	
DT_HISTORIC_RECORD	Historical records	Central		
DT_GLOBAL_GM	Global good morning	Central	Global	

DT_GLOBAL_GN	Global good night	Central	Global	
DT_MEDALLISTS_DISCIPLINE	Medallists by discipline	Sports	X	
DT_START_LIST	Start List	Sports	X	X
DT_RESULT	Event Unit Results	Sports	X	X
DT_PHASE_RESULT	Phase Results	Sports		
DT_CUMULATIVE_RESULT	Cumulative Results	Sports	X	X
DT_POOL_STANDING	Pool Standings of group in a team competition	Sports		
DT_RANKING	Event Final ranking	Sports	X	X
DT_STATS	Statistics table	Sports		
DT_MEDALLISTS	Medallists of one event	Sports	X	X
DT_RECORD	Records	Sports		
DT_COMMUNICATION	Official Communication	Sports	X	
DT_BRACKETS	Brackets	Sports		
DT_GM	Discipline/venue good morning	Sports	X	X
DT_GN	Discipline/venue good night	Sports	X	X
DT_FED_RANKING	Federation Ranking	Sports		
DT_UNITCONFIG	Event Unit Configuration	Sports		

5. Ski Jumping Data Extension

5.1. General Issues

The following sections extend and complete the information to be sent in each of the messages for this particular discipline, if some particularization is needed. If there are special considerations for any of the message types that have to be sent for this discipline, then they should be considered in the following sections. If nothing is mentioned for a particular message type, then the general rules, as defined either in the ODF Central Messages Interface Document or ODF Sport Messages Interface Document, should be respected for the messages described in the chapter 4 of this document.

5.1.1. IDS and ODF header

Regarding to the IDS and ODF header values, you should also follow the description in the ODF Central Messages Interface Document or ODF Sport Messages Interface Document. However, the following attributes could be refined for each message type regarding to the header values:

- IDS Header: RSC

  The RSC attribute usually has the DDGEEEPUU format, where DD is the Discipline attribute, G is the Gender attribute, EEE is the Event attribute, P is the Phase attribute and UU is the Unit attribute in the IDS header. The concatenation of these attributes –Discipline, Gender, Event, Phase and Unit- will be implicitly defined when defining the RSC attribute in each case. However, just the RSC attribute will be defined in order to avoid redundant definition.

- ODF Header: DocumentCode.

5.1.3. Attributes Definition

The attributes types are explained in the section “5.1.2. Attributes Definition” of the ODF Central Messages Interface Document. Please, refer to that document for further information.

5.2. Start List

5.2.1. Description

This message is the Start List message as described in the ODF Sport Messages Interface Document.

5.2.2. Header Values

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

5.2.3. Trigger and Frequency

Please, follow the general definition.

5.2.4. Message Structure

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

- PhaseInfo
- UnitDateTime (following the general rules for this element)
- UnitInfo
- Officials/Official
- Officials/Official/ExtOfficial

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

5.2.5. Message Values

The following table lists the Start List optional attributes (defined in the ODF Sport Messages Interface Document) that are used in the case of Ski Jumping, as well as the attributes that have an extended definition.

Element	Attribute	M/O	Value	Comments
Start	StartOrder	M	Numeric	Start order of the competitor in the start list (either single athlete or team). In the case of team competitor, start order of the team. The team members will have the order within the team in their respective Competitor /Composition /Athlete elements (@Order attribute).
	SortOrder	M	Numeric	Same as @StartOrder
Start /Competitor	Bib	O	Numeric	Team's bib number, to be sent mandatory just in the case of team event units
Start /Competitor /Composition /Athlete	Bib	M	Numeric	Athlete's bib number
Official	Function	M	CC@Functions	Send the function code

Element	Attribute	M/O	Value	Comments
	Order	M	Numeric	Order of the Officials following the Sports Rule

The following table describes in more detail the PhaseInfo element in the case of Ski Jumping.

Element: PhaseInfo				
Type	**Code**	**Pos**	**Value**	**Description**
PI_QUALIFICATION_RULE	QR_RANK_QUALIFY_NEXT_ROUND	Numeric	Numeric	For @Type: Send proposed type
				For @Code: Send the proposed code for the qualification rule. QR_RANK_QUALIFY_NEXT_ROUND is the code that indicates the qualification for next round based on rank.
				For @Pos: Send 1 to indicate first rank included in the @Code rule Send 2 to indicate last rank included in the @Code rule
				For @Value: Send the rank according to @Code rule and @Pos
PI_QUALIFICATION_RULE	QR_PREQUALIFIED		Numeric	For @Type: Send proposed type
				For @Code: Send the proposed code for the qualification rule. QR_PREQUALIFIED is the code that indicates the qualification for next round based on pre-qualification.
				For @Pos: Do not send anything
				For @Value: Send the number of pre-qualified jumpers

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

Type /Code	Description	Expected
PI_QUALIFICATION_RULE /QR_RANK_QUALIFY_NEXT_ROUND	Qualification for next round based on rank	Always, if this qualification rule applies
PI_QUALIFICATION_RULE /QR_PREQUALIFIED	Qualification for next round based on pre-qualification	Always, if this qualification rule applies

The following table describes in more detail the UnitInfo element in the case of Ski Jumping.

Element: UnitInfo

Type	Code	Value	Description
UI_SJ	SJ_HILL_SIZE	N(3) 999	For @Type: Send proposed type
			For @Code: Send proposed code
			For @Value: Hill size in meters
	SJ_K_POINT	N(3) 999	For @Type: Send proposed type
			For @Code: Send proposed code
			For @Value: K-point in meters
	SJ_METER_VALUE	N(2).N(1) 90.0	For @Type: Send proposed type
			For @Code: Send proposed code
			For @Value: Points / m

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

Type /Code	Description	Expected
UI_SJ /SJ_HILL_SIZE	Hill size in meters	Always
UI_SJ /SJ_K_POINT	K-point in meters	Always
SJ_METER_VALUE	Points / m	Always

The following table describes in more detail the ExtOfficial element in the case of Ski Jumping.

Element: Officials/Official/ExtOfficial			
Type	**Code**	**Value**	**Description**
EO_SJ	SJ_POSITION	S(2)	For @Type: Send proposed type
			For @Code: Send proposed code
			For @Value: Position of the Judge, i.e. A, B, C, SC,…

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

Type /Code	Description	Expected
EO_SJ/ SJ_POSITION	Position of the Judge	Always

5.2.6. Message sort

Please, follow the general definition.

5.3. Event Unit Results

5.3.1. Description

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

5.3.2. Header Values

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

5.3.3. Trigger and Frequency

Please, follow the general definition.

5.3.4. Message Structure

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

- PhaseInfo
- UnitDateTime (following the general rules for this element, however being @EndDate mandatory)
- UnitInfo
- Competitor /ExtendedResults /ExtendedResult

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

5.3.5. Message Values

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

Element	Attribute	M/O	Value	Comments
Result	Rank	O	Numeric	Rank of the competitor in the corresponding event unit. This attribute is optional because the skier could get an invalid rank mark. Don't send this attribute for prequalified jumpers in the Qualification phase.
	ResultType	M	CC @ResultType	Result type, either points, distance or IRM for the corresponding event unit
	IRM	O	CC @IRM	IRM for the particular event unit Send just in the case @ResultType is IRM (see codes section)

Element	Attribute	M/O	Value	Comments
	Result	O	N(4).N(1) 9990.0	Result points for the particular event unit or distance in Taining and Trial Events. Points or distance with one decimal digit Send just in the case @ResultType is points or distance (see codes section)
	QualificationMark	O	CC @QualificationMark	Send just in the case the jumper qualified, according to the codes
	SortOrder	M	Numeric	This attribute is a sequential number with the order of the results for the particular event unit, if they were to be presented. It is mostly based on the rank, but it should be used to sort out rank ties as well as results without rank. SortOrder should also take care of IRM rules (please, refer to CC @IRM) (further order detail: Competition, Quali by Points for this round only and Training and Trial by start order)
Result/ Competitor	Bib	O	Numeric	Team's bib number, to be sent mandatory just in the case of team event units
Result/ Competitor/ Composition/ Athlete	Bib	M	Numeric	Athlete's bib number

For the PhaseInfo element, please, send the same information as in the start list.

Send UnitDateTime including also the @EndDate attribute

The following table describes in more detail the UnitInfo element.

Element: UnitInfo			
Type	**Code**	**Value**	**Description**
UI_GENERAL	GE_ATTENDANCE	N(6) 999999	For @Type: Send proposed type
			For @Code: Send proposed code
			For @Value: Number of spectators
UI_RACE_CONDITIONS	RC_AIR_TEMPERATURE	(-)N(2).N(1) (-)90.0	For @Type: Send proposed type
			For @Code: Send proposed code
			For @Value:

			Temperature in centigrade degrees (in case of positive temperature, do not send '+').
UI_WEATHER_CONDITIONS	CC @WeatherConditions		For @Type: Send proposed type
			For @Code: Send one of the codes regarding to the weather conditions
			For @Value: Do not send anything
UI_SNOW_CONDITIONS	CC @SnowConditions	(-) N(2).N(1) (-)90.0	For @Type: Send proposed type
			For @Code: Send one of the codes regarding to the weather conditions
			For @Value: Snow temperature in centigrade degrees It is optional and will be informed just if known. In this case, the snow condition will arrive in the @Code attribute, while the Snow temperature in the @Value attribute

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

Type /Code	Description	Expected
UI_GENERAL /GE_ATTENDANCE	Number of spectators	Always, if available
UI_RACE_CONDITIONS /RC_AIR_TEMPERATURE	Temperature in centigrade degrees	Always
UI_WEATHER_CONDITIONS /CC @WeatherConditions	Weather conditions in the @Code attribute	Always
UI_SNOW_CONDITIONS /CC @SnowConditions	Snow conditions in the @Code attribute, while snow temperature in centigrade degrees in the @Value attribute	Always, if available

- The following table describes in more detail the Competitor /Composition /Athlete /ExtendedResults /ExtendedResult element for all the "Athlete" team members or single athletes.

Element: Competitor /Composition /Athlete /ExtendedResults /ExtendedResult				
Type	**Code**	**Pos**	**Value**	**Description**
ER_SJ	SJ_LENGTH		N(4).N(1) 9990.0	For @Type: Send proposed type
				For @Code:

				Send proposed code
				For @Pos: Do not send anything
				For @Value: Send jump length in meters, with one decimal digit
	SJ_LENGTH_POINTS		N(4).N(1) 9990.0	For @Type: Send proposed type
				For @Code: Send proposed code
				For @Pos Do not send anything
				For @Value: Send points for length, with one decimal digit
	SJ_SPEED		N(4).N(1) 9990.0	For @Type: Send proposed type
				For @Code: Send proposed code
				For @Pos: Do not send anything
				For @Value: Speed in km/h, with one decimal digit
	SJ_JUMP_POINTS		N(4).N(1) 9990.0	For @Type: Send proposed type
				For @Code: Send proposed code
				For @Pos: Do not send anything
				For @Value: Send points for jump, with one decimal digit
	SJ_JUDGE	Numeric	N(2).N(1) 90.0	For @Type: Send proposed type
				For @Code: Send proposed code
				For @Pos: Send judge number, from 1 to 5
				For @Value: Send points from the judge identified by @Pos, with one decimal digit.
	SJ_JUDGES		N(2).N(1) 90.0	For @Type: Send proposed type
				For @Code: Send proposed code
				For @Pos: Do not send anything
				For @Value: Send total points from judges, with one decimal digit
	SJ_IND_IRM		CC @IRM	For @Type: Send proposed type
				For @Code: Send proposed code
				For @Pos:

				Do not send anything
				For @Value: Invalid rank mark for an individual in a team event unit
	SJ_RULE		Text	For @Type: Send proposed type
				For @Code: Send proposed code
				For @ Pos: Do not send anything
				For @Value: Rule Number
	SJ_RULE_TEXT		Text	For @Type: Send proposed type
				For @Code: Send proposed code
				For @ Pos: Do not send anything
				For @Value: Rule text
	NC_GATE		S(6)	For @Type: Send proposed type
				For @Code: Send proposed code
				For @ Pos: Do not send anything
				For @Value: Start Gate position
	NC_RANK_SPEED		Numeric	For @Type: Send proposed type
				For @Code: Send proposed code
				For @ Pos: Do not send anything
				For @Value: Rank for the speed overall
	NC_RANK_GATE		Numeric	For @Type: Send proposed type
				For @Code: Send proposed code
				For @ Pos: Do not send anything
				For @Value: Rank for distance, within all jumpers started from the same gate
	NC_RANK_DISTANCE		Numeric	For @Type: Send proposed type
				For @Code: Send proposed code
				For @ Pos: Do not send anything
				For @Value: Rank for the jump distance overall

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

Type /Code	Description	Expected
ER_SJ /SJ_LENGTH	Jump length in meters	Always
ER_SJ /SJ_LENGTH_POINTS	Points for length	Always, except for Training and Trial and except for prequalified jumpers in the Qulaifiacation Phase
ER_SJ /SJ_SPEED	Speed in km/h	Always
ER_SJ /SJ_JUMP_POINTS	Points for jump	Always, except for Training and Trial and except for prequalified jumpers in the Qulaifiacation Phase
ER_SJ /SJ_JUDGE	Points for a particular judge	Just in competition round (first round and final round) and qualification (except for prequalified jumpers)
ER_SJ /SJ_JUDGES	Total points from judges	Just in competition round (first round and final round) and qualification (except for prequalified jumpers)
ER_SJ /SJ_IND_IRM	Individual rank mark for an individual in a team event unit	Just in case of team event unit, if not team-trial
ER_SJ /SJ _RULE	Rule Text of Disqualification	Just in case of Disqualification
ER_SJ /SJ_RULE_TEXT	Rule Number of Disqualification	Just in case of Disqualification
ER_SJ /SJ_GATE	Start Gate position	Always in the Training and Trial events
ER_SJ /SJ_RANK_SPEED	Rank for the speed overall	Always in the Training and Trial events
ER_SJ /SJ_RANK_GATE	Rank for distance, within all jumpers started from the same gate	Always in the Training and Trial events
ER_SJ /SJ_RANK_DISTANCE	Rank for the jump distance overall	Always in the Training and Trial events

5.3.6. Message sort

Please, follow the general definition.

5.4. Cumulative Results

5.4.1. Description

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

5.4.2. Header Values

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

This cumulative results message is after event unit (Subtype and DocumentSubtype header attributes should be at event unit level). However, it **only applies** to event units of phase 1 (not to qualification phases)

5.4.3. Trigger and Frequency

Please, follow the general definition.

5.4.4. Message Structure

There are not optional elements defined for this message in the ODF Sport Messages Interface Document that should be included in the case of Ski Jumping.

Please, remember to send the finished event units (basic results) in the ResultItems /ResultItem /Result elements as they are finished, according to the general definition of the Cumulative results message, as it is described in the ODF Sport Messages Interface Description Document.

5.4.5. Message Values

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

Element	Attribute	M/O	Value	Comments
CumulativeResult	Rank	O	Numeric	Cumulative rank of the competitor after the finalisation of the current event unit, so it takes into account the previous event units. This attribute is optional because the skier may have got an invalid rank mark.
	ResultType	M	CC @ResultType	Result type, either points or IRM for the corresponding cumulative results
	IRM	O	CC @IRM	IRM after the finalisation of the current event unit. It will depend on the results of all the event units up to the moment of the message sending. Send just in the case @ResultType is IRM (see codes section)

Element	Attribute	M/O	Value	Comments
	Result	O	N(4).N(1) 9990.0	Result points after the finalisation of the current event unit. Points with one decimal digit. Send just in the case @ResultType is points (see codes section)
	SortOrder	M	Numeric	This attribute is a sequential number with the order of the results after the finalisation of the current event unit, if they were to be presented. It is mostly based on the rank, but it could be used to sort out rank ties as well as results without rank. SortOrder should also take care of IRM rules (please, refer to CC @IRM)

5.4.6. Message sort

Please, follow the general definition.

5.5. Event Final Ranking

5.5.1. Description

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

5.5.2. Header Values

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

5.5.3. Trigger and Frequency

Please, follow the general definition.

5.5.4. Message Structure

There are not optional elements defined for this message in the ODF Sport Messages Interface Document that should be included in the case of Ski Jumping.

5.5.5. Message Values

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

Element	Attribute	M/O	Value	Comments
Result	Rank	O	Numeric	Final rank of the competitor in the corresponding event. This attribute is optional because the skier may have got an invalid rank mark.
	ResultType	M	CC @ResultType	Result type, either points or IRM for the corresponding event.
	IRM	O	CC @IRM	IRM for the particular event. Send just in the case @ResultType is IRM (see codes section)
	Result	O	N(4).N(1) 9990.0	Final result points for the particular event. Points should have one decimal digit. Send just in the case @ResultType is points (see codes section)
	SortOrder	M	Numeric	This attribute is a sequential number with the order of the results for the particular event, if they were to be presented. It is mostly based on the rank, but it could be used to sort out rank ties as well as results without rank. SortOrder should also take care of IRM rules (please, refer to CC @IRM)

Element	Attribute	M/O	Value	Comments
Result/ Competitor	Bib	O	Numeric	Team's bib number, to be sent mandatory just in the case of team event units
Result/ Competitor/ Composition/ Athlete	Bib	M	Numeric	Athlete's bib number

5.5.6. Message sort

Please, follow the general definition.

5.6. Event's Medallists

5.6.1. Description

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

5.6.2. Header Values

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

5.6.3. Trigger and Frequency

Please, follow the general definition.

5.6.4. Message Structure

Please, follow the general definition.

5.6.5. Message Values

Please, follow the general definition.

5.6.6. Message sort

Please, follow the general definition.

5.7. Discipline/venue good morning

5.7.1. Description

This message is the Discipline/venue good morning message as described in the ODF Sport Messages Interface Document.

5.7.2. Header Values

The RSC attribute in the IDS header and the DocumentCode attribute in the ODF header will be sent according to the discipline/venue pairs as described in the ODF Common Codes document.

5.7.3. Trigger and Frequency

Please, follow the general definition.

5.7.4. Message Structure

Please, follow the general definition.

5.7.5. Message Values

Please, follow the general definition.

5.7.6. Message sort

Please, follow the general definition.

5.8. Discipline/venue good night

5.8.1. Description

This message is the Discipline/venue good night message as described in the ODF Sport Messages Interface Document.

5.8.2. Header Values

The RSC attribute in the IDS header and the DocumentCode attribute in the ODF header will be sent according to the discipline/venue pairs as described in the ODF Common Codes document.

5.8.3. Trigger and Frequency

Please, follow the general definition.

5.8.4. Message Structure

Please, follow the general definition.

5.8.5. Message Values

Please, follow the general definition.

5.8.6. Message sort

Please, follow the general definition.

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