

Olympic Data Feed



ODF Short Track Data Dictionary
Lillehammer 2016 –Winter Youth
Olympic Games

Technology and Information Department

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1 Introduction

1.1 This document

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

1.2 Objective

The objective of this document is to provide a complete and formal definition of the ODF Short Track Data Dictionary, with the intention that the information message producer and the message consumer can successfully interchange the information as the Short Track 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
- **STK** – Short Track
- **WNPA** – World News Press Agencies

1.5 Related Documents

Document Reference	Document Title	Document Description
ODF/INT001	ODF General Messages Interface Document	This document describes the ODF General Messages

Sport Codes

Discipline	Code_Entity	Code	Order	Description
STK	@IRM	DNF		Did not Finish
STK	@IRM	DNS		Did not Start
STK	@IRM	DSQ		Disqualified
STK	@IRM	DQB		Disqualified (Behaviour)
STK	@IRM	PEN		Penalty
STK	@IRM	RC		Red Card
STK	@IRM	YC		Yellow Card
STK	@QualificationMark	Q		Qualified (for all phases before semi-final results only)
STK	@QualificationMark	ADV		Advanced
STK	@QualificationMark	ADVA		Advanced to final A (for semi-final results only)
STK	@QualificationMark	ADVB		Advanced to final B (for semi-final results only)
STK	@QualificationMark	QA		Qualified for Final A
STK	@QualificationMark	QB		Qualified for Final B
STK	@QualificationMark	QT		Qualified by time (Qualified as a fastest third place skater)
STK	@ResultType	IRM		Invalid Result Mark
STK	@ResultType	TIME		Time
STK	@ResultType	NO_TIME		No Time
STK	@ResultPhase	FNL		Finals
STK	@ResultPhase	HEAT		Heats
STK	@ResultPhase	QFNL		Quarterfinals
STK	@ResultPhase	SFNL		Semifinals

Results Functions (proposed, to be confirmed)

Discipline	Function Code	Order	Description	Category
STK	RE	1	Referee	J
STK	AR1	2	First Assistant Referee	J
STK	AR	3	Assistant Referee	J
STK	VR	4	Assistant Referee Video	J
STK	STR	5	Starter	J
STK	CST	6	Competitors Steward	S

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 Short Track.

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

Message Type	Message name	Message used in this sport	Message extended in this document
DT_SCHEDULE	Competition schedule	X	
DT_SCHEDULE_UPDATE	Competition schedule update	X	
DT_PARTIC	List of participants by discipline	X	X
DT_PARTIC_UPDATE	List of participants by discipline update	X	X
DT_PARTIC_TEAMS	List of Teams	X	X
DT_PARTIC_TEAMS_UPDATE	List of Teams Update	X	X
DT_MEDALLISTS_DAY	Medallists of the day	Global	
DT_GLOBAL_GM	Global good morning	Global	
DT_GLOBAL_GN	Global good night	Global	
DT_IMAGE	Image (for Photofinish)	X	X
DT_PRESSPHOTOFINISH_LK	Press Photofinish	X	
DT_RESULT	Event Unit Start List and Results	X	X
DT_PHASE_RESULT	Phase Results	X	X
DT_RANKING	Event Final ranking	X	X
DT_MEDALLISTS	Medallists of one event	X	
DT_MEDALLISTS_DISCIPLINE	Medallists by discipline	X	
DT_COMMUNICATION	Official Communication	X	
DT_LOCAL_ON	Discipline/venue start transmission	X	
DT_LOCAL_OFF	Discipline/venue stop transmission	X	
DT_CONFIG	Configuration	X	X
DT_WEATHER	Event Unit Weather conditions	X	X
DT_KA	Keep Alive	X	

2.1.1 List of Participants by Discipline / Update

2.1.1.1 Description

This message is the List of participants by discipline (and the update), for that discipline it is the list of athletes and historical athletes, as described in the ODF General Messages Interface Document.

2.1.1.2 Header Values

As defined in the header values document.

2.1.1.3 Trigger and Frequency

Follow the general definition.

2.1.1.4 Message Structure

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

- Competition /Participant/Discipline /RegisteredEvent /EventEntry

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

2.1.1.5 Message Values

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

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

The following table describes in more detail the EventEntry element.

Element: Competition /Participant /Discipline /RegisteredEvent /EventEntry					
Type	Code	Pos	Value	Description	Expected
ENTRY	RANK_WLD		Numeric ###0	For @Type: Send proposed type	When available
				For @Code: Send proposed code	
For @Pos Do not send anything					
For @Value: World Rank of the athlete					
SUBSTITUTE			S(1)	For @Type: Send proposed type	If applicable
				For @Code: Send proposed code	
				For @Pos Do not send anything	
				For @Value: Send Y if the athlete is a substitute else do not send.	

2.1.1.6 Message sort

Please, follow the general definition.

2.1.2 List of Teams / Update

2.1.2.1 Description

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

2.1.2.2 Header Values

As defined in the header values document.

2.1.2.3 Trigger and Frequency

Follow the general definition.

2.1.2.4 Message Structure

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

- Competition /Team /Discipline /RegisteredEvent /EventEntry
In the next section (message values), there is a more detailed definition.

2.1.2.5 Message Values

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

Element	Attribute	M/O	Value	Comments
Team /Discipline /RegisteredEvent	Event	M	CC @Event	

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

Element: Competition /Team /Discipline /RegisteredEvent /EventEntry					
Type	Code	Pos	Value	Description	Expected
ENTRY	RANK_WLD		Numeric ###0	For @Type: Send proposed type For @Code: Send proposed code For @Pos Do not send anything For @Value: World Rank of the team	When available

2.1.2.6 Message sort

Please, follow the general definition.

2.1.3 Event Unit Start List and Results

2.1.3.1 Description

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

2.1.3.2 Header Values

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

2.1.3.3 Trigger and Frequency

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

- As soon as the start list is available and any changes [inc. IRMs] (START_LIST)
- When the unit starts and after every update (lap) (LIVE)
- After the race is finished (UNCONFIRMED / UNOFFICIAL / OFFICIAL) as applicable.
- After any change

2.1.3.4 Message Structure

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

- ExtendedInfos /UnitDateTime (StartDate)
- ExtendedInfos /ExtendedInfo
- ExtendedInfos /SportDescription
- ExtendedInfos /VenueDescription
- RecordIndicators and its child element RecordIndicator
- Result /ExtendedResults /ExtendedResult

2.1.3.5 Message Values

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

Element	Attribute	M/O	Value	Comments
ExtendedInfos /SportDescription	DisciplineName	M	S(40)	Text description from common codes
	EventName	M	S(40)	Text short description, not code
	SubEventName	M	S(40)	Text short description of the Event Unit, not code
	Gender	M	CC @DisciplineGender	
ExtendedInfos /VenueDescription	UnitNum	M	S(6)	Race number
	Venue	M	CC @VenueCode	Venue Code
	VenueName	M	S(25)	Text short description, not code
	Location	M	CC @Location	Location Code
Officials /Official	LocationName	M	S(30)	Text short description, not code
	Code	M	S(20) with no leading zeroes	Officials code
	Function	M	CC @ResultsFunction	Officials Function
Result	Order	O	Numeric	Order of officials.
	Rank	O	String	Rank of the competitor in the event unit (not cumulative).
	RankEqual	O	S(1)	Send 'Y' if the rank is equalled else do not send.
	ResultType	O	CC @ResultType	Result type.
	IRM	O	CC @IRM	IRM for the event unit Send only in the case @ResultType is IRM
	Result	O	m:ss.fff	Result for the particular event unit. Send just in the case @ResultType is TIME May be empty in the case of a referee decision to suppress time.
	QualificationMark	O	SC @QualificationMark	Send just in the case the competitor has qualified.
	SortOrder	M	Numeric	This attribute is a sequential number with the order of the results for the particular event unit, if they were to be presented. It is mostly based on the rank, but it should be used to sort out rank ties as well as results without rank. Prior to the unit the order is the same as StartSortOrder. Updated during the race with the current order,
	StartOrder	O	Numeric	The start order of the unit.
	StartSortOrder	M	Numeric	
RecordIndicators /RecordIndicator	Order	M	Numeric 0	This will usually always be 1 unless there is both a WR and OR in which case WR=1 and OR=2.
	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 (e.g. "WR" or "OR").
	Equalled	O	S(1)	Send "Y" in the case that the record has been equalled else do not send.
Result /Competitor /Composition /Athlete	Code	M	S(20) with no leading zeroes	Athlete ID
	Order	M	Numeric	
	Bib	O	Numeric ###0	Helmet number. Should always be available

The following table describes in more detail the ExtendedInfo element.

Element: ExtendedInfo						
Type	Code	Extension code	Pos	Value	Description	Expected
UI	LEADER		Numeric #0	S(20) with no leading zeroes	For @Type: Send proposed type For @Code: Send proposed code For @ Pos: Send the intermediate number as defined in @ Pos in DT_CONFIG	When available for each intermediate

Element: ExtendedInfo						
					For @Value: Send the ID of the leading competitor at each intermediate.	

Sample

```

.....
<ExtendedInfos>
  <UnitDateTime StartDate="2012-08-07T11:01:00+01:00" />
  <ExtendedInfo Type="UI" Code="LEADER" Pos="1" Value="123456" />
  <ExtendedInfo Type="UI" Code="LEADER" Pos="2" Value="123456" />
.....
    
```

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

Element: Result /ExtendedResults /ExtendedResult										
Type	Code	Extension Code	Pos	Value	Description	Expected				
PROGRESS	INTERMEDIATE		S(2)	m:ss.fff	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Intermediate point where the intermediate time is recorded (1, 2...F). For @Value: Cumulative time at the intermediate point in the current run. Do not send minutes if zero.	When data is available				
				CC @ResultType	For @ValueType: Send CC @ResultType					
				S(2)	For @Rank: Send the rank of the competitor at the intermediate point					
				S(1)	For @RankEqual: Send "Y" if rank is equalled, otherwise do not send.					
				Numeric #0	For @SortOrder: Send the order of the competitor at the intermediate point					
				SECTION			S(2)	s.fff	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Intermediate point at the end of the section where section time is taken (1, 2... F). For example 1 is the section from the start to 1. For @Value: Time for the section ending at the intermediate point @Pos.	When available
				REMAINING				Numeric ##0	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything. For @Value: Number of laps remaining for this athlete	Always when LIVE

Sample

```

.....
<Result SortOrder="1" Rank="1" ResultType="TIME" Result="1:24.787"
QualificationMark="Q" StartOrder="3" StartSortOrder="3" >
  <ExtendedResults>
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="1" Value="12.49"
ValueType="TIME" Rank="1" />
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="2" Value="21.93"
ValueType="TIME" Rank="1" />
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="3" Value="31.07"
ValueType="TIME" Rank="2" />
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="4" Value="40.08"
ValueType="TIME" Rank="2" />
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="5" Value="48.95"
ValueType="TIME" Rank="2" />
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="6" Value="57.79"
ValueType="TIME" Rank="2" />
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="7" Value="1:06.64"
ValueType="TIME" Rank="1" />
    <ExtendedResult Type="PROGRESS" Code="INTERMEDIATE" Pos="8" Value="1:15.62"
ValueType="TIME" Rank="1" />
    <ExtendedResult Type="PROGRESS" Code="SECTION" Pos="1" Value="12.49"
ValueType="TIME" Rank="1" />
    <ExtendedResult Type="PROGRESS" Code="SECTION" Pos="2" Value="9.44" ValueType="TIME"
Rank="1" />
    <ExtendedResult Type="PROGRESS" Code="SECTION" Pos="3" Value="9.14" ValueType="TIME"
Rank="2" />
    <ExtendedResult Type="PROGRESS" Code="SECTION" Pos="4" Value="9.01" ValueType="TIME"
Rank="2" />
    <ExtendedResult Type="PROGRESS" Code="SECTION" Pos="5" Value="8.87" ValueType="TIME"
Rank="2" />
    <ExtendedResult Type="PROGRESS" Code="SECTION" Pos="6" Value="8.84" ValueType="TIME"
Rank="3" />
    <ExtendedResult Type="PROGRESS" Code="SECTION" Pos="7" Value="8.84" ValueType="TIME"
Rank="1" />
    <ExtendedResult Type="PROGRESS" Code="SECTION" Pos="8" Value="8.98" ValueType="TIME"
Rank="1" />
    <ExtendedResult Type="PROGRESS" Code="SECTION" Pos="F" Value="9.16" ValueType="TIME"
Rank="2" />
  </ExtendedResults>
  <Competitor Type="A" Code="2012264" Organisation="GER">>
    <Composition>
      <Athlete Code="2012264" Order="1" Bib="203" >
        <Description GivenName="John" FamilyName="Smith" Gender="M" Organisation="GER"
BirthDate="1994-12-15" />
      </Athlete>
    </Composition>
  </Competitor>
</Result>
.....

```

2.1.3.6 Message sort

Please, follow the general definition.

2.1.4 Image

2.1.4.1 Description

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

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

2.1.4.2 Header Values

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

DocumentCode: Full RSC at Event Unit level.

DocumentSubtype is PHOTOFINISH.

2.1.4.3 Trigger and Frequency

Triggered as soon as image available.

2.1.4.4 Message Structure

No applicable optional elements.

2.1.4.5 Message Values

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

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

2.1.4.6 Message sort

Please, follow the general definition.

2.1.5 Phase Results

2.1.5.1 Description

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

2.1.5.2 Header Values

The DocumentCode attribute in the ODF header will be sent according to the ODF Common Codes document (header values) though it is expected in all phases where there is more than one unit.

The DocumentSubtype attribute in the ODF header contains the full RSC of the last unit referenced in the message.

2.1.5.3 Trigger and Frequency

Send as follows:

- Send after each unit in the phase (INTERMEDIATE). Do not send data for units which have not started.
- Send as UNCONFIRMED / UNOFFICIAL / OFFICIAL when all units are complete.

2.1.5.4 Message Structure

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

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

2.1.5.5 Message Values

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

Element	Attribute	M/O	Value	Comments
ExtendedInfos /SportDescription	DisciplineName	M	S(40)	Text description from common codes
	EventName	M	S(40)	Text short description, not code
	SubEventName	M	S(40)	Text short description of the Phase, not code
	Gender	M	CC @DisciplineGender	
ExtendedInfos /VenueDescription	Venue	M	CC @VenueCode	Venue code
	VenueName	M	S(25)	Text short description, not code
	Location	M	CC @Location	Location Code
	LocationName	M	S(30)	Text short description, not code
Result	Rank	O	S(2)	Rank of the competitor in the corresponding unit within the phase. This attribute is optional because the competitor could get an invalid rank mark.
	RankEqual	O	S(1)	Send Y in case of the Rank has been equalled else do not send.
	ResultType	M	CC @ResultType	Result type
	IRM	O	CC @IRM	IRM for the particular unit Send just in the case @ResultType is IRM
	Result	O	m:ss.ff	Result for the particular phase
	QualificationMark	O	CC @QualificationMark	The code which gives an indication on the qualification of the competitor for the next round of the competition
Result /RecordIndicators	SortOrder	M	Numeric	This attribute is a sequential number with the order of the results for the particular phase, if they were to be presented. In principle the sort of unit followed by rank.
	Order	M	Numeric	Records are sorted by relevance. Order=1 is the most important one.

Element	Attribute	M/O	Value	Comments
/RecordIndicator	Code	M	CC @RecordCode	Code which describes the record broken by the result value (e.g. "ATM001000").
	RecordType	M	CC @RecordType	Code which specifies the level at which the record is broken (e.g. "OR"). If more than one then send the highest level
	Equalled	O	S(1)	Send "Y" in the case that the record has been equalled else do not send.
Result /Competitor /Composition /Athlete	Bib	O	Numeric ###0	Athlete's helmet number

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

Element: Result /ExtendedResults /ExtendedResult						
Type	Code	Extension Code	Pos	Value	Description	Expected
ER	UNIT_NUM			S(2)	For @Type: Send proposed type For @Code: Send proposed code For @ Pos: Do not send anything For @Value: Send the heat number/letter	Always
	UNIT_STARTORDER			Numeric #0	For @Type: Send proposed type For @Code: Send proposed code For @ Pos: Do not send anything For @Value: Send the starting order for the competitor in the unit.	
	RACE_NUM			Numeric ##0	For @Type: Send proposed type For @Code: Send proposed code For @ Pos: Do not send anything For @Value: Send the race number.	

2.1.5.5.1 Sample

```

.....
<Result SortOrder="1" Rank="1" ResultType="TIME" Result="2:21.483"
QualificationMark="QA">
  <ExtendedResults>
    <ExtendedResult Type="ER" Code="UNIT_NUM" Value="1" />
    <ExtendedResult Type="ER" Code="UNIT_STARTORDER" Value="3" />
    <ExtendedResult Type="ER" Code="RACE_NUM" Value="12" />
  </ExtendedResults>
  <Competitor Type=..... >
  <Composition>
.....

```

2.1.5.6 Message sort

Please, follow the general definition.

2.1.6 Event Final Ranking

2.1.6.1 Description

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

2.1.6.2 Header Values

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

One message is sent for each event.

2.1.6.3 Trigger and Frequency

Follow the general definition though the message is expected at the end of each phase along with each change.

2.1.6.4 Message Structure

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

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

2.1.6.5 Message Values

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

Element	Attribute	M/O	Value	Comments
ExtendedInfos /SportDescription	DisciplineName	M	S(40)	Text description from common codes
	EventName	M	S(40)	Text short description, not code
	Gender	M	CC @DisciplineGender	
ExtendedInfos /VenueDescription	Venue	M	CC @VenueCode	Venue Code
	VenueName	M	S(25)	Text short description, not code
Result	Rank	O	String	Final rank of the competitor in the corresponding event. This attribute is optional because the competitor could get an empty rank in the case of a red card, for example.
	RankEqual	O	S(1)	Send Y if the rank is equalled, else do not send
	Result	O	m:ss.fff	Best time for the competitor regardless of phase. May be empty in the case of a referee decision to suppress time.
	ResultType	O	SC @ResultType	Result type, for the corresponding event, mandatory if Result or IRM is included.
	IRM	O	SC @IRM	Send if the competitor has an IRM
	SortOrder	M	Numeric	This attribute is a sequential number with the order of the results for the particular event, if they were to be presented. It is mostly based on the rank, but it should be used to sort out rank ties as well as results without rank.

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

Element: Result /ExtendedResults					
Type	Code	Pos	Value	Description	Expected
ER	RECORD		CC @RecordType	For @Type: Send proposed type For @Code: Send proposed code	When available

Element: Result /ExtendedResults					
				For @Pos Do not send anything For @Value: Indicates if the result of the competitor is a record (highest only)	
UNIT_LAST	PHASE		SC @ResultPhase	For @Type: Send proposed type For @Code: Send proposed code For @Pos Do not send anything For @Value: Last Phase reached by the competitor	Always
	RANK		S(2)	For @Type: Send proposed type For @Code: Send proposed code For @Pos Do not send anything For @Value: The rank of the competitor in the last phase reached	If available
	IRM		SC @IRM	For @Type: Send proposed type For @Code: Send proposed code For @Pos Do not send anything For @Value: IRM of the competitor if applicable in the last round reached.	If the competitor received an IRM in the last race
UNIT_ALL	RANK		S(7)	For @Type: Send proposed type For @Code: Send proposed code For @Pos Do not send anything For @Value: Rank in all qualification rounds. Separated by -, For example 2-1-1	Only in the case of individual events

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

Element: Result /Competitor /Composition /Athlete / ExtendedResults /ExtendedResult					
Type	Code	Pos	Value	Description	Expected
PHASE	SC @ResultPhase		S(1)	For @Type: Send proposed type For @Code: Send proposed code for each phase raced in the event. For @Pos Do not send anything For @Value: Send "Y" if the athlete raced in the phase indicated by @Code or "N" if they did not race.	When available

2.1.6.6 Sample (Individual)

```

.....
<Result SortOrder="1" Rank="1" ResultType="TIME" Result="2:14.480">
  <ExtendedResults>
    <ExtendedResult Type="UNIT_LAST" Code="PHASE" Value="FNL" />
    <ExtendedResult Type="UNIT_LAST" Code="RANK" Value="1" />
    <ExtendedResult Type="UNIT_ALL" Code="RANK" Value="2-1" />
  </ExtendedResults>
  <Competitor Type="A" Code="2012272" Organisation="GER" >
    <Composition>
      <Athlete Code="2012272" Order="1">
        <Description GivenName="John" FamilyName="Smith" Gender="M" Organisation="GER"
        BirthDate="1994-12-15" />
      </Athlete>
    </Composition>
  </Competitor>
</Result>

.....
<Result SortOrder="36">
  <ExtendedResults>
    <ExtendedResult Type="UNIT_LAST" Code="PHASE" Value="HEAT" />
    <ExtendedResult Type="UNIT_LAST" Code="IRM" Value="PEN" />
    <ExtendedResult Type="UNIT_ALL" Code="RANK" Value="0-0" />
  </ExtendedResults>
  <Competitor Type="A" Code="2000137" Organisation="SWE" >
    <Composition>
      <Athlete Code="2000137" Order="1" >
        <Description GivenName="James" FamilyName="Smith" Gender="M" Organisation="SWE"
        BirthDate="1994-12-14" />
      </Athlete>
    </Composition>
  </Competitor>
</Result>

.....

```

2.1.6.7 Sample (Team)

```

.....
<Result SortOrder="1" Rank="1" ResultType="TIME" Result="6:42.100">
  <ExtendedResults>
    <ExtendedResult Type="ER" Code="RECORD" Value="OR" />
    <ExtendedResult Type="UNIT_LAST" Code="PHASE" Value="FNL" />
    <ExtendedResult Type="UNIT_LAST" Code="RANK" Value="1" />
  </ExtendedResults>
  <Competitor Type="T" Code="STKMTTeam4---RUS01" Organisation="RUS" >
    <Description TeamName="Russia" />
    <Composition>
      <Athlete Code="2000940" Order="1" >
        <Description GivenName="John" FamilyName="Smith" Gender="M" Organisation="RUS"
        BirthDate="1994-12-15" />
        <ExtendedResults>
          <ExtendedResult Type="PHASE" Code="HEAT" Value="Y" />
          <ExtendedResult Type="PHASE" Code="F" Value="Y" />
        </ExtendedResults>
      </Athlete>
      <Athlete Code="2000943" Order="2" >
        <Description GivenName="John" FamilyName="Brown" Gender="M" Organisation="RUS"
        BirthDate="1994-12-14" />
        <ExtendedResults>
          <ExtendedResult Type="PHASE" Code="HEAT" Value="N" />
          <ExtendedResult Type="PHASE" Code="F" Value="Y" />
        </ExtendedResults>
      </Athlete>
      <Athlete Code="2000946" Order="3" >
        <Description GivenName="John" FamilyName="White" Gender="M" Organisation="RUS"
        BirthDate="1993-12-13" />
        <ExtendedResults>
          <ExtendedResult Type="PHASE" Code="HEAT" Value="Y" />
          <ExtendedResult Type="PHASE" Code="FNL" Value="Y" />
        </ExtendedResults>
      </Athlete>
      <Athlete Code="2000964" Order="4" >
        <Description GivenName="John" FamilyName="Murphy" Gender="M" Organisation="RUS"
        BirthDate="1994-12-12" />
        <ExtendedResults>
          <ExtendedResult Type="PHASE" Code="HEAT" Value="Y" />
          <ExtendedResult Type="PHASE" Code="FNL" Value="N" />
        </ExtendedResults>
      </Athlete>
      <Athlete Code="2000967" Order="5" >
        <Description GivenName="John" FamilyName="Jackson" Gender="M" Organisation="RUS"
        BirthDate="1994-12-11" />
        <ExtendedResults>
          <ExtendedResult Type="PHASE" Code="HEAT" Value="Y" />
          <ExtendedResult Type="PHASE" Code="FNL" Value="Y" />
        </ExtendedResults>
      </Athlete>
    </Composition>
  </Competitor>
</Result>
.....

```

2.1.6.8 Message sort

Please, follow the general definition

2.1.7 Weather Conditions

2.1.7.1 Description

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

2.1.7.2 Header Values

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

2.1.7.3 Trigger and Frequency

Trigger approximately one hour before the start of the session and again if there is a significant change in the conditions.

2.1.7.4 Message Structure

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

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

2.1.7.5 Message Values

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

Element	Attribute	M/O	Value	Comments
Conditions	Code	M	SC @WeatherPoint	Weather points, send GEN only
	Humidity	O	Numeric ##0	Humidity in %
Weather /Conditions /Condition	Code	M	S(3)	Weather condition type, send ICE only
	Value	M	CC @SnowConditions	Use CC @SnowConditions for ICE
Weather /Conditions /Pressure	Unit	M	S(2)	Send "Pa", Metric system unit for Pressure
	Value	M	Numeric ###0	Air Pressure
Weather /Conditions /Temperature	Code	M	S(4)	Temperature type, send AIR, ICE
	Unit	M	SC @TemperatureUnit	Unit for temperature, send both
	Value	M	Numeric #0	Temperature of the @Code. Negative is applicable

2.1.7.1 Sample

```

.....
<Weather>
  <Conditions Code="GEN" Humidity="31" >
    <Condition Code="ICE" Value="nor" />
    <Pressure Unit="Pa" Value="1005" />
    <Temperature Code="AIR" Unit="C" Value="15.3" />
    <Temperature Code="AIR" Unit="F" Value="59.5" />
    <Temperature Code="ICE" Unit="C" Value="-5.8" />
    <Temperature Code="ICE" Unit="F" Value="21.6" />
  </Conditions>
</Weather>
.....

```

2.1.7.2 Message sort

Please, follow the general definition.

2.1.8 Configuration

2.1.8.1 Description

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

2.1.8.2 Header Values

Send one message per event and include the all phases within the event message.

2.1.8.3 Trigger and Frequency

Please, follow the general definition.

2.1.8.4 Message Structure

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

- ExtendedConfigItem

2.1.8.5 Message Values

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

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

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

Element: ExtendedConfig						
Type	Code	Extended Config Item Code	Pos	Value	Description	Expected
EC (by phase)	INTERMEDIATE		S(2)	Numeric #0	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Send the value that identifies the intermediate point, 1 to n for intermediates along the course and F for the finish point. Do not consider start. For @Value: Send the number of laps remaining at this point.	Always
	INTERMEDIATES_NUM			Numeric #0	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything For @Value: Send the total number of intermediate points where the time is recorded not including F.	Always
QUALIFICATION (by phase)	FROM_RANK		S(1)	Numeric #0	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Send A or B if this rule is applying for Final A or Final B. If a single final then do not send. For @Value: Send the qualifying rank to indicate first rank to qualify	When applicable
	TO_RANK		S(1)	Numeric #0	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Send A or B if this rule is applying for Final A or Final B. If a single final then do not send. For @Value: Send the qualifying rank to indicate last rank to qualify	When applicable
	QUAL_BT			Numeric #0	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything For @Value: Send the number of athletes who will qualify by time.	When some competitors qualify by time.
	QUAL_RULE			String	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything	When applicable pre-finals

Element: ExtendedConfig					
					For @Value: Text description of the qualification rule for next phase.

2.1.8.6 Sample

```

.....
<Configs>
  <Config Unit="STKM1500m-----SFNL-----">
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="1" Value="13" />
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="2" Value="12" />
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="3" Value="11" />
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="4" Value="10" />
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="5" Value="9" />
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="6" Value="8" />
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="7" Value="7" />
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="8" Value="6" />
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="9" Value="5" />
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="10" Value="4" />
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="11" Value="3" />
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="12" Value="2" />
    <ExtendedConfig Type="EC" Code="INTERMEDIATE" Pos="13" Value="1" />
    <ExtendedConfig Type="EC" Code="INTERMEDIATES_NUM" Value="13" />
    <ExtendedConfig Type="QUALIFICATION" Code="QUAL_RULE" Value="The first and second
placed skaters from each race qualify for Final A, the third and fourth placed skaters
from each race qualify for Final B." />
    <ExtendedConfig Type="QUALIFICATION" Code="FROM_RANK" Pos="A" Value="1" />
    <ExtendedConfig Type="QUALIFICATION" Code="TO_RANK" Pos="A" Value="2" />
    <ExtendedConfig Type="QUALIFICATION" Code="FROM_RANK" Pos="B" Value="3" />
    <ExtendedConfig Type="QUALIFICATION" Code="TO_RANK" Pos="B" Value="4" />
  </Config>
.....

```

2.1.8.7 Message sort

Please, follow the general definition.

2.2 Message Timeline

2.2.1 Preparation Phase

Trigger	Message	Status	D	G	P	S	U
OVR gets Initial data	DT_CODES		o			o	o
	DT_SCHEDULE					o	o
	DT_PARTIC						
OVR sends	DT_CONFIG				X		
	DT_PDF C08 Schedule		X				
After changes of athlete data	DT_PARTIC_UPDATE		X				
After changes of team data	DT_PARTIC_TEAM_UPDATE		X				
When athlete data is confirmed	DT_PDF C32A, C32E2 Entry List			X	X		
	DT_PDF C35 Competition Officials				X		

2.2.2 Before, During, After ...

Trigger	Message	Status	D	E	P	S	U
Start List is known (Day before)	DT_RESULT	START_LIST					X
	DT_PDF C51X Start List					X	
At scheduled start time (0')	DT_SCHEDULE_UPDATE	GETTING_READY	X			o	o
	DT_RESULT	LIVE					X
Start	DT_SCHEDULE_UPDATE	RUNNING	X			o	o
Split time	DT_RESULT						X
Finish	DT_SCHEDULE_UPDATE	FINISHED					X
	DT_RESULT	UNOFFICIAL					X
	DT_RESULT	OFFICIAL					X
Last heat in a round	DT_PHASE_RESULT	OFFICIAL			X		
	DT_PDF C73X Results				X		
Seeding for next round is confirmed	DT_RESULT	START_LIST			X		
	DT_PDF C51X Start List					X	
* repeated for each athlete							

2.2.3 At the end of the event

Trigger	Message	Status	D	E	P	S	U
After last event unit is official	DT_MEDALLIST	OFFICIAL		X			
	DT_MEDALLIST_DISCIPLINE		X				
	DT_RANKING	OFFICIAL		X			
	DT_PDF C74X Distance classification			X			
	DT_PDF C92X Medallist			X			
DT_PDF C92A Medallist	DT_PDF C93 Medallists by Event		X				

Legend:

D Discipline **E** Event **P** Phase **S** Session **U** Unit **X** Sent on that level **o** Includes info from that level

3 Document Control

Version history		
Version	Date	Comments
WYOG-2016-STK-v1.0	7 Jul 2015	First Version
WYOG-2016-STK-v1.1	9 Sep 2015	Minor updates
WYOG-2016-STK-v1.1	2 Dec 2015	Approved with no changes
WYOG-2016-STK-v1.2	7 Feb 2016	Approved with small changes

File reference: ODF/INT019-WYOG-2016-STK-v1.2 APP

Change Log		
Version	Status	Changes on version
WYOG-2016-STK-v1.0	Draft	First version
WYOG-2016-STK-v1.1	SFR	For consistency, updated to send intermediate point at finish as in speed skating.
WYOG-2016-STK-v1.2	APP	Message timeline was added

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