



INTERNATIONAL
OLYMPIC
COMMITTEE

ODF R-SOG-2020-WLF V2.2 APP

OLYMPIC DATA FEED

ODF Weightlifting (inc. Powerlifting) Data Dictionary

Tokyo 2020 - Games of the XXXII Olympiad

Technology and Information Department

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ODF R-SOG-2020-WLF V2.2 APP

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1 Introduction

1.1 This document

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

1.2 Objective

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

- 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_MEDALS	Medal standings	
DT_MEDALLISTS_DAY	Medallists of the day	
DT_GLOBAL_GM	Global good morning	
DT_GLOBAL_GN	Global good night	
DT_RESULT	Event Unit Start List and Results	X
DT_PHASE_RESULT	Current Information	X
DT_RECORD	Records	X
DT_RANKING	Event Final Ranking	X
DT_COMMUNICATION	Phase Results	
DT_MEDALLISTS	Event's Medallists	
DT_MEDALLISTS_DISCIPLINE	Medallists by discipline	
DT_LOCAL_OFF	Discipline/venue stop transmission	
DT_LOCAL_ON	Discipline/venue start transmission	
DT_KA	Keep Alive	

2.2 Messages

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

2.2.1.1 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.

2.2.1.2 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 DT_PARTIC_UPDATE	List of participants by discipline message
Version	1..V	Version number associated to the message's content. Ascendant number



Attribute	Value	Comment
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	<p>Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight.</p> <p>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).</p> <p>The end of the logical day is defined by default at 03:00 a.m.</p> <p>For messages corrections, like invalidating medals or Records, it will be the LogicalDate of the day of the correction.</p> <p>Logical Date is expressed in the local time zone where the message was produced.</p>
Source	SC @Source	Code indicating the system which generated the message.

2.2.1.3 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.



2.2.1.4 Message Values

Element: Participant (1,N)			
Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	<p>Participant's ID.</p> <p>It identifies an athlete or an official and the holding participant's valid information for one particular period of time.</p> <p>It is used to link other messages to the participant's information.</p> <p>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.</p> <p>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.</p>
Parent	M	S(20) with no leading zeroes	<p>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.</p> <p>The participant containing @Code attribute being the same as the @Parent attribute will be the one with the latest information for the participant.</p> <p>The @Parent attribute will only be different from @Code in the case that critical personal information has changed from previous competitions. The typical examples are Organisation (for change of country) or Name (particularly for women changing their name at marriage). Further to be clear, @Parent and @Code can only be different if Current = "false".</p>
Status	O	CC @ParticStatus	<p>Participant's accreditation status this attribute is Mandatory in the case of @Current="true" and it is optional in the case that @Current="false".</p> <p>To delete a participant, a specific value of the Status attribute is used.</p>
GivenName	O	S(25)	Given name in WNPA format (mixed case)
FamilyName	M	S(25)	Family name in WNPA format (mixed case)



Element: Participant (1,N)			
Attribute	M/O	Value	Description
PassportGivenName	O	S(25)	Passport Given Name (Uppercase)
PassportFamilyName	O	S(25)	Passport Family Name (Uppercase)
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
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).



Element: Participant (1,N)			
Attribute	M/O	Value	Description
OlympicSolidarity	O	Y or N	Flag to indicating if the participant participates in the Olympic Scholarship program.
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.
IFld	O	S(16)	UCI code (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 one exception: in some sports, 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
Bib	O	S(4)	Bib number. Although this attribute is optional, it will be updated and informed as soon as this information is known. Example: 8, 10,..Send only in the Case of Current="true". (Not applicable in powerlifting)
Class	O	CC @SportClass	Code to identify the Class in the event if applicable in Powerlifting.



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

Type	Code	Pos	Description	
ENTRY	ENTRY_TOT	N/A	Description of @Pos: N/A Element's Expected: Expected for all athletes. This data is expected to be available in both bulk and update messages. (not applicable in powerlifting)	
	Attribute	M/O	Value	Description
	Value	M	Numeric ##0	Send Entry Total
ENTRY	QUAL_BEST	Numeric 0	Description of @Pos: 1 = Snatch 2 = Clean and Jerk 3 = Total Element's Expected: Expected for all athletes. This data is expected to be available in both bulk and update messages. (not applicable in powerlifting)	
	Attribute	M/O	Value	Description
	Value	M	Numeric ##0	Qualification Best depending on @Pos
ENTRY	LOT	N/A	Description of @Pos: N/A Element's Expected: If applies, as soon as this information is known. For all athletes. As this data is only available close to competition time it will only be available in update messages.	
	Attribute	M/O	Value	Description
	Value	M	Numeric ##0	Lot number

2.2.1.5 Message Sort

The message is sorted by Participant @Code

2.2.2 Event Unit Start List and Results

2.2.2.1 Description

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

The Event Unit Start List and Results is a mandatory message for all sports. The definition includes as much generic information as possible due to the fact that each discipline and event has its own format for the results information (example: score of a match, time in a race, distance in a throw...).

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

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	The DocumentCode will be sent according to the ODF Common Codes (header values)
DocumentType	DT_RESULT	Event Unit Start List and Results message
DocumentSubtype	Not used in this discipline	
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 during the competition). OFFICIAL UNOFFICIAL
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	<p>Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight.</p> <p>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).</p> <p>The end of the logical day is defined by default at 03:00 a.m.</p> <p>For messages corrections, like invalidating medals or Records, it will be the LogicalDate of the day of the correction.</p> <p>Logical Date is expressed in the local time zone where the message was produced.</p>
Source	SC @Source	Code indicating the system which generated the message.

2.2.2.3 Trigger and Frequency

- As soon as the start list is available for each group (one message per group) and any changes [inc. IRMs] (START_LIST)
- When the competition starts and all changes/additions in data (LIVE)
- After the group is finished (UNOFFICIAL / OFFICIAL)

Trigger also after any change.

2.2.2.4 Message Values

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
DISPLAY	CURRENT	Numeric #0	<p>Description of @Pos: Attempt number for the athlete @Value: 1, 2, 3 for Snatch 11, 12, 13 for Clean & Jerk 1, 2, 3, 4 for Powerlifting</p> <p>Element's Expected: Send the current/next athlete to lift only included when the ResultStatus is LIVE. If the current/next competitor to lift was in a different weight division then do not include (in the case of combined B groups)</p>
	Attribute	M/O	Value
	Value	M	S(20) with no leading zeroes
			<p>Description</p> <p>Send the competitor ID of the current/next athlete. If this unit is part of a combined group, then value "NA" is sent to indicate that the current competitor comes from the "other" group.</p>
<p>Sub Element: ExtendedInfos /ExtendedInfo /Extension Expected: When information is available related to the new rank for the current athlete is successful. Not included for NA.</p>			
	Attribute	Value	Description
	Code	IF_SUCCESS	
	Pos	N/A	N/A
	Value	Numeric #0	New rank of the current athlete if successful
DISPLAY	LAST_COMP	Numeric #0	<p>Description of @Pos: Attempt number for the athlete @Value: 1, 2, 3 for Snatch 11, 12, 13 for Clean & Jerk 1, 2, 3, 4 for Powerlifting</p> <p>Element's Expected: Send the last athlete with a lift result (including invalid) with every LIVE update. If the last competitor to lift was in a different weight division then do not include (in the case of combined B groups)</p>
	Attribute	M/O	Value
	Value	M	S(20) with no leading zeroes
			<p>Description</p> <p>Send the competitor ID of the last athlete to lift. If this unit is part of a combined group, then value "NA" is sent to indicate that the last competitor comes from the "other" group.</p>



Element: ExtendedInfos /ExtendedInfo (0,N)				
Type	Code	Pos	Description	
UI	WEIGH-IN	N/A	Description of @Pos: N/A Element's Expected: Always in weightlifting	
	Attribute	M/O	Value	Description
	Value	M	DateTime	Weigh-in Start Time

Sample

```
<ExtendedInfos>
  <UnitDateTime StartDate="2016-08-17T12:30:00+01:00" />
  <ExtendedInfo Type="UI" Code="WEIGHT-IN" Value="2016-08-17T13:30:00+01:00" />
  <ExtendedInfo Type="DISPLAY" Code="CURRENT" Pos="2" Value="1234567" />
  <ExtendedInfo Type="DISPLAY" Code="LAST_COMP" Pos="3" Value="1234588" />
</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 for the event unit for all appropriate officials	
Order	M	Numeric	Order of the Officials Sort order for display of the officials, this should match the order on the official score sheet.	



Element: Officials /Official /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 official
Organisation	M	CC @Organisation	Officials' organisation
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	S(3)	Rank of the competitor in the corresponding event unit except in A group where the rank considers the B group also. This attribute is optional because the competitor could get an invalid result mark.
RankEqual	O	Y	Identifies if a rank has been equalled. Only send if applicable
Result	O	Numeric ##0.# or "_"	The result of the competitor in the event unit (group). Decimal values are only used in powerlifting
IRM	O	SC @IRM	IRM for the particular event unit (group). Send just in the case @ResultType is IRM
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 unit rank, but it should be used to sort out rank ties as well as results without rank (because there is an IRM or all athletes have not starting lifting). For those athletes with no results yet, the order is based in the Start Number.
StartOrder	M	Numeric #0	Number based in the first attempt of each athlete
StartSortOrder	M	Numeric #0	Start list order according to the sport rules (used to sort all start list competitors in an event unit). Same @StartOrder
ResultType	O	SC @ResultType	Result type, either WEIGHT or IRM for the corresponding event unit.



Element: Result /ExtendedResults /ExtendedResult (1,N)				
Type	Code	Pos	Description	
ER	LIFT_ORDER	N/A	Description of @Pos: N/A Element's Expected: When available after each lift	
	Attribute	M/O	Value	
	Value	M	Numeric #0 or "-"	Lift order for the remaining athletes (based on the calling order). Send "-" for finished athletes.
SortOrder	M	Numeric #0	Sort order based on the lift order, in the following way: For those remaining athletes that have the lift order, sort by group followed by start number. And then, followed by the already finished athletes (with "-") sorted by overall rank.	
ER	SNATCH and CLEAN and LIFT	N/A	Description of @Pos: N/A Element's Expected: When available. Update after each successful lift. SNATCH and CLEAN apply in weightlifting LIFT applies in powerlifting	
	Attribute	M/O	Value	
	Value	M	Numeric #00.# or "-"	Best result for this lift type Decimal does not apply in weightlifting
	IRM	O	SC @IRM	CC @IRM if applicable
SortOrder	M	Numeric	Send the order of Result for lift type within the unit; those without a result are at the end.	
Sub Element: Result /ExtendedResults /ExtendedResult /Extension				
Expected: Always				
Attribute	Value	Description		
Code	ATTEMPT			
Pos	Numeric	Send 1, 2 or 3 for 1st, 2nd, & 3rd attempts (and 4 in the case of powerlifting)		
Value	Numeric #00.# or "-"	Result (weight) of attempt indicated by @Pos, or "-" (if no attempt). The weight is sent before the attempt when it is known and "-" is only sent if the athlete will not make an attempt (for example DNF) Do not send "-" in the case of attempt weight for the following athlete(s) is not known. Decimal does not apply in weightlifting		



Element: Result /ExtendedResults /ExtendedResult (1,N)			
Type	Code	Pos	Description
Sub Element: Result /Athlete /ExtendedResults /ExtendedResult /Extension			
Expected: Only send if ATTEMPT is not "-"			
Attribute	Value	Description	
Code	ATTEMPT_VALID		
Pos	Numeric	Send 1, 2 or 3 for 1st, 2nd, & 3rd attempts (and 4 in the case of powerlifting)	
Value	S(1)	Send "Y" if the attempt is valid, and "N" otherwise.	

Sample

```
<ExtendedResults>
  <ExtendedResult Type="ER" Code="SNATCH" Value="95" SortOrder="3" >
    <Extension Code="ATTEMPT" Pos="1" Value="92" />
    <Extension Code="ATTEMPT" Pos="2" Value="92" />
    <Extension Code="ATTEMPT" Pos="3" Value="95" />
    <Extension Code="ATTEMPT_VALID" Pos="1" Value="N" />
    <Extension Code="ATTEMPT_VALID" Pos="2" Value="Y" />
    <Extension Code="ATTEMPT_VALID" Pos="3" Value="Y" />
  </ExtendedResult>
  <ExtendedResult Type="ER" Code="CLEAN" Value="131" SortOrder="1" >
    <Extension Code="ATTEMPT" Pos="1" Value="125" />
    <Extension Code="ATTEMPT" Pos="2" Value="131" />
    <Extension Code="ATTEMPT" Pos="3" Value="135" />
    <Extension Code="ATTEMPT_VALID" Pos="1" Value="Y" />
    <Extension Code="ATTEMPT_VALID" Pos="2" Value="Y" />
    <Extension Code="ATTEMPT_VALID" Pos="3" Value="N" />
  </ExtendedResult>
  <ExtendedResult Type="ER" Code="LIFT_ORDER" Value="-" Sortorder="12" />
</ExtendedResults>
```

Element: Result /RecordIndicators /RecordIndicator (1,N)			
Attribute	M/O	Value	Description
Order	M	Numeric	Records are sorted by relevance (for each Code). @Order=1 is the most important one.
Code	M	CC @RecordCode	Code which describes the record broken by the result value (e.g.: "WLFM56KG-----" for Men's 56kg "WLFM56KGS-----" for Men's 56kg - Snatch "WLFM56KG CJ-----" for Men's 56kg - Clean & Jerk)
RecordType	M	CC @RecordType	Code which specifies the level at which the record is broken (e.g. "WR").



Element: Result /Competitor (1,1) Competitor related to the result of one event unit.			
Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Competitor's ID
Type	M	S(1)	A for athlete
Organisation	O	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. Can belong to a team member or an individual athlete.
Order	M	Numeric	1 if Competitor @Type="A".
Bib	O	S(4)	Bib number (Not applicable in powerlifting)
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
Class	O	CC @SportClass	Code to identify the Class in the event if applicable in Powerlifting.



Element: Result /Competitor /Composition /Athlete /EventUnitEntry (0,N)				
Type		Code	Pos	Description
EUE		BODYWEIGHT	N/A	Description of @Pos: N/A Element's Expected: Always after the weigh-in
	Attribute	M/O	Value	Description
	Value	M	Numeric ##0.00	Bodyweight value
EUE		CLEAN_ATTEMPT	N/A	Description of @Pos: N/A Element's Expected: Always after declared in weightlifting
	Attribute	M/O	Value	Description
	Value	M	Numeric #00	The weight (kg) of the athlete's first clean & jerk attempt.
EUE		ENTRY_TOTAL	N/A	Description of @Pos: N/A Element's Expected: Always after declared in weightlifting (not expected in powerlifting)
	Attribute	M/O	Value	Description
	Value	M	Numeric #00	Entry Total (in kg)
EUE		GROUP	N/A	Description of @Pos: N/A Element's Expected: Always after drawn
	Attribute	M/O	Value	Description
	Value	M	SC @Group	Group
EUE		LOT	N/A	Description of @Pos: N/A Element's Expected: Always after drawn
	Attribute	M/O	Value	Description
	Value	M	Numeric ##0	Lot number
EUE		SNATCH_ATTEMPT	N/A	Description of @Pos: N/A Element's Expected: Always after declared in weightlifting
	Attribute	M/O	Value	Description
	Value	M	Numeric #00	The weight (kg) of the athlete's first snatch attempt.
EUE		ATTEMPT	N/A	Description of @Pos: N/A Element's Expected: Always after declared in powerlifting
	Attribute	M/O	Value	Description
	Value	M	Numeric #00.#	The weight (kg) of the athlete's first attempt in powerlifting



Element: Result /Competitor /Composition /Athlete /EventUnitEntry (0,N)			
Type	Code	Pos	Description
EUE	RACK_HEIGHT	N/A	Description of @Pos: N/A Element's Expected: Always in powerlifting
	Attribute	M/O	Value
	Value	M	Numeric #0
			Description
			Rack height

Sample

```
<Competitor Code="1136190" Type="A" Organisation="SUI">
  <Composition>
    <Athlete Code="1136190" Bib="7" Order="1">
      <Description GivenName="Jane" FamilyName="Smith" Gender="W" Organisation="SUI"
      BirthDate="1994-12-15" />
      <EventUnitEntry Type="EUE" Code="LOT" Value="207" />
      <EventUnitEntry Type="EUE" Code="GROUP" Value="A" />
      <EventUnitEntry Type="EUE" Code="BODYWEIGHT" Value="52.70" />
      <EventUnitEntry Type="EUE" Code="ENTRY_TOTAL" Value="215" />
      <EventUnitEntry Type="EUE" Code="SNATCH_ATTEMPT" Value="90" />
      <EventUnitEntry Type="EUE" Code="CLEAN_ATTEMPT" Value="122" />
    </Athlete>
  </Composition>
</Competitor>
```

2.2.2.5 Message Sort

Sort by Result @SortOrder

2.2.3 Phase Results

2.2.3.1 Description

The Phase Results is a message containing the results for the competitors in a particular phase.

The phase message is used to compare competitors from different units within a phase where the competitors usually participate once in the phase.

In the case of weightlifting, this message is only sent for events with more than one group (it is not necessary when the event has only a group).

2.2.3.2 Header Values

Attribute	Value	Comment
CompetitionCode	CC @Competition	Unique ID for competition
DocumentCode	Full RSC	Full RSC of the phase
DocumentType	DT_PHASE_RESULT	Phase 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 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.



Attribute	Value	Comment
LogicalDate	Date	<p>Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight.</p> <p>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).</p> <p>The end of the logical day is defined by default at 03:00 a.m.</p> <p>For messages corrections, like invalidating medals or Records, it will be the LogicalDate of the day of the correction.</p> <p>Logical Date is expressed in the local time zone where the message was produced.</p>
Source	SC @Source	Code indicating the system which generated the message.

2.2.3.3 Trigger and Frequency

Send as follows:

- During each group: This message must be sent immediately after every DT_RESULT message once the event (first group) is LIVE and with at least one result. The ResultStatus of each message will be the same as the preceding DT_RESULT.
- After a group (INTERMEDIATE)
- After the last group (UNOFFICIAL / OFFICIAL)

2.2.3.4 Message Values

Element: ExtendedInfos /Progress (0,1)			
Attribute	M/O	Value	Description
LastUnit	O	CC @Unit	Full RSC of the most recent unit information included in 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
SubEventName	O	S(40)	Phase level short name (not code) from Common Codes
Gender	M	CC @DisciplineGender	Gender code for the event unit (M/W)



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
Location	M	CC @Location	Location code
LocationName	M	S(30)	Text short description, not code

Element: Result (1,N)			
Attribute	M/O	Value	Description
Rank	O	Text	Rank of the competitor over all groups in the corresponding event. This attribute is optional because the competitor could get an invalid result mark.
RankEqual	O	S(1)	Identifies if a rank has been equalled. Send Y if applicable else do not send
ResultType	O	SC @ResultType	Result type, either WEIGHT or IRM.
Result	O	Numeric ##0.# or "_"	Result for the particular event Decimal values are only used in powerlifting
IRM	O	SC @IRM	The invalid rank mark, if applicable. Send just in the case @ResultType is IRM
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. It is mostly based on the rank, but it should be used to sort out rank ties as well as results without rank. For those athletes with no results yet, the order is based in the Start Number (consider all groups).



Element: Result /ExtendedResults /ExtendedResult (1,N)				
Type	Code	Pos	Description	
ER	CLEAN	N/A	Description of @Pos: N/A Element's Expected: When data available, send highest successful lift only, up to the current time or "-". Not applicable in powerlifting	
	Attribute	M/O	Value	Description
	Value	O	Numeric #00 or "-"	Clean & Jerk Result
	SortOrder	M	Numeric ##0	The sort order of the athlete, when considering only the Clean & Jerk result, across all groups.
ER	LIFT_ORDER	N/A	Description of @Pos: N/A Element's Expected: When available	
	Attribute	M/O	Value	Description
	Value	O	Numeric #00 or "-"	Lift order for the remaining athletes (based on the calling order). Send "-" for finished athletes. Consider all groups
	SortOrder	M	Numeric ##0	Sort order based on the lift order considering all groups, in the following way: For those remaining athletes that have the lift order, sort by group followed by start number. And then, followed by the already finished athletes (with "-") sorted by overall rank.
ER	SNATCH	N/A	Description of @Pos: N/A Element's Expected: When data available, send highest successful lift only, up to the current time or "-". Not applicable in powerlifting	
	Attribute	M/O	Value	Description
	Value	O	Numeric #00 or "-"	Snatch Result
	SortOrder	M	Numeric ##0	The sort order of the athlete, when considering only the Snatch result, across all groups.



Element: Result /RecordIndicators /RecordIndicator (1,N)			
Attribute	M/O	Value	Description
Order	M	Numeric	Records are sorted by relevance (for each Code). @Order=1 is the most important one.
Code	M	CC @RecordCode	Code which describes the record broken by the result value (e.g.: "WLFM56KG-----" for Men's 56kg "WLFM56KGS-----" for Men's 56kg - Snatch "WLFM56KGCJ-----" for Men's 56kg - Clean & Jerk)
RecordType	M	CC @RecordType	Code which specifies the level at which the record is broken (e.g. "OR")

Element: Result /Competitor (1,1)			
Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Competitor's ID
Type	M	S(1)	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	Order attribute used to sort team members in a team (if Competitor @Type="T") or 1 if Competitor @Type="A".
Bib	O	S(4)	Athlete's bib number. (Not applicable in powerlifting)

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
Class	O	CC @SportClass	Code to identify the Class in the event if applicable in Powerlifting.



Sample

```
<Result Rank="1" ResultType="WEIGHT" Result="226" SortOrder="1" >
  <RecordIndicators>
    <RecordIndicator Order="1" Code=" WLFW56KG CJ-----" RecordType="WR" />
  </RecordIndicators>
  <Competitor Code="1136190" Type="A" Organisation="SUI">
    <Composition>
      <Athlete Code="1136190" Bib="7" Order="1">
        <Description GivenName="Jane" FamilyName="Smith" Gender="W" Organisation="SUI"
        BirthDate="1994-12-15" />
        <ExtendedResults>
          <ExtendedResult Type="ER" Code="SNATCH" Value="95" SortOrder="9" />
          <ExtendedResult Type="ER" Code="CLEAN" Value="131" SortOrder="5" />
          <ExtendedResult Type="ER" Code="LIFT_ORDER" Value="-" SortOrder="12" >
        </ExtendedResults>
      </Athlete>
    </Composition>
  </Competitor>
</Result>
```

2.2.3.5 Message Sort

Result @SortOrder

2.2.4 Records

2.2.4.1 Description

The message contains the list of all records from the start of the Games (events depending on header).

Special Situations - Not Established Records:

There are some situations where there are no records for a particular event. This can happen, for example, when the sport rules change (different weights or distances) or new events are introduced.

If this occurs then the NotEstablished flag is used to indicate this situation.

If a record is established for this event in the current competition then the NotEstablished flag and description will not be sent when a new record is established.

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 (Discipline Level)	RSC of the discipline
DocumentSubcode	CC @RecordCode	If the message is sent as a result of a record being modified (broken, equalled or re-instated) then this attribute will be included and is the Record Event for the modification.
DocumentType	DT_RECORD	Records message
DocumentSubtype	FULL, PARTIAL	Send "FULL" if all records included. Send "PARTIAL" if only one record code is included.
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	<p>Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight.</p> <p>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).</p> <p>The end of the logical day is defined by default at 03:00 a.m.</p> <p>For messages corrections, like invalidating medals or Records, it will be the LogicalDate of the day of the correction.</p> <p>Logical Date is expressed in the local time zone where the message was produced.</p>
Source	SC @Source	Code indicating the system which generated the message.

2.2.4.3 Trigger and Frequency

The DT_RECORD (without DocumentSubcode) message is sent as a full message (all records in a discipline) prior to the competition. Any new version of the DT_RECORD message should replace all previous record information, either for the RecordCode specified in DocumentSubcode or all if no DocumentSubcode is specified.

2.2.4.4 Message Values

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

Element: Record (1,N)			
Attribute	M/O	Value	Description
Code	M	CC @RecordCode	Record code. Send all record codes in the bulk message else this must match the DocumentSubcode, that is, only one per message.

Element: Record /Description (1,1)			
Attribute	M/O	Value	Description
Name	M	S(40)	Record description (not code) from Common Codes



Element: Record /RecordType (1,N)

It is possible to have more than one element with the same type (as in the case of National Records).

Attribute	M/O	Value	Description
Order	M	Numeric #0	The hierarchy (priority) for types of record from 1 to n. (Can use the Order column from CC @RecordType to assist in case several records are broken, from high priority to low priority but must still use 1 to n).
RecordType	M	CC @RecordType	Record type.
Shared	M	S(1)	Y-There is more than one competitor sharing the record N-There is just one competitor holding the record
NotEstablished	O	S(1)	Send "Y" in the case there is no record in this category else do not send.
NotEstablishedLabel	O	S(25)	The description to be used in the case that NotEstablished="Y".

Element: Record /RecordType /RecordData (0,N)

RecordData is not sent for NotEstablished Records unless a "standard" applies

Attribute	M/O	Value	Description
Order	M	Numeric #0	In the case that a record (RecordType) is provided several times in the message, then Order is the chronological order for the records (1,N). 1 will be usually the historical record and for each record broken during the competition a new order value will be provided. Usually first time the record is broken will have Order="2", second time Order="3" etc. (though will be different for not established) Send 1 for records (RecordType) not shared (historical records)
ResultType	M	SC @ResultType	It will be a result categorization, to indicate whether the result that is for the record is a distance, a time, etc. The only possible value is WEIGHT.
Result	O	Numeric #00.#	The result of the competitor for the record. Decimal values are only used in powerlifting
Unit	O	CC @Unit	The full RSC of the unit in the current competition where the record was broken. Send always (Mandatory) in the case Historical="N".
Country	O	CC @Country	Send always unless the record is not established. Country code where the record was broken
Place	O	S(40)	Send always (when known) unless the record is not established. Place (town or city) where the record was broken (example: "Salt Lake City").



Element: Record /RecordType /RecordData (0,N)			
RecordData is not sent for NotEstablished Records unless a "standard" applies			
Attribute	M/O	Value	Description
Date	O	YYYY-MM-DD	Send always unless the record is not established. Date when the record was broken (for the current competition, the date will be assumed to be the date scheduled for the @Unit attribute)
Time	O	Time	Time the record was set. Send always (Mandatory) in the case of Historical="N".
Equalled	O	S(1)	Send "Y" if the existing record is equalled. Do not send if the record is not equalled.
Competition	O	S(40)	Send the text of the competition name where the record was broken (example: "2013 World Championships", "2012 Olympic Games", etc.).
Historical	M	S(1)	Send "Y" if the record for competitor was not achieved during the current competition. Send "N" if the record for the competitor was achieved during the current competition.
Current	O	S(1)	Send "Y" in the case that this is the current record else do not send (may be multiple in the case of a shared record).
ModificationIndicator	O	S(1)	The possible values are: "N" = New broken record (not provided in a previous message) "R" = This record is re-instated/re-established as the current record in this message (following an invalidation or similar). Do not send this attribute for other records included in the message (not broken or not re-instated)

```
<Record Code="WLFM56KGJCJ-----">
  <Description Name="Men's 56kg Clean & Jerk" />
  <RecordType Order="1" RecordType="WR" Shared="N">
    <RecordData Order="1" ResultType="WEIGHT" Result="168" Country="SVK" Place="Trencin" Date="2001-04-24" Competition="European Championships" Historical="Y" Current="N">
      <Competitor Code="A276091" Type="A" Organisation="TUR">
        <Composition>
          <Athlete Code="A276091" Order="1">
            <Description GivenName="Halil" FamilyName="Mutlu" Gender="M" Organisation="TUR" BirthDate="1973-07-14" />
          </Athlete>
        </Composition>
      </Competitor>
    </RecordData>
  </RecordType>
</Record Code>
```



Element: Record /RecordType /RecordData /Competitor (0,1)

Competitor to whom the record is assigned.

Athlete's information should be in DT_PARTIC (Historic) if Competitor @Type="A"

Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Competitor's ID
Type	M	S(1)	"A" for athlete
Organisation	O	CC @Organisation	Competitors' organisation if known

Element: Record /RecordType /RecordData /Competitor /Composition /Athlete (1,N)

Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Athlete's ID, corresponding to an individual athlete
Order	M	Numeric #0	Order attribute Send 1 for competitor @Type="A".

Element: Record /RecordType /RecordData /Competitor /Composition /Athlete /Description (0,1)

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
Class	O	CC @SportClass	Code to identify the Class in the event if applicable in Powerlifting.

2.2.4.5 Message Sort

The following order applies:

- Record @Code
- RecordType @Order
- RecordData @Order

2.2.5 Event Final Ranking

2.2.5.1 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.

2.2.5.2 Header Values

The following table describes the message header attributes.

Attribute	Value	Comment
CompetitionCode	CC @Competition	Unique ID for competition
DocumentCode	Full RSC of the 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. 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	<p>Logical Date of events. This is the same as the physical day except when the unit or message transmission extends after midnight.</p> <p>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).</p> <p>The end of the logical day is defined by default at 03:00 a.m.</p> <p>For messages corrections, like invalidating medals or Records, it will be the LogicalDate of the day of the correction.</p> <p>Logical Date is expressed in the local time zone where the message was produced.</p>



Attribute	Value	Comment
Source	SC @Source	Code indicating the system which generated the message.

2.2.5.3 Trigger and Frequency

This message is only triggered after a unit which affects the final ranking is official and that particular ranking is not subject to change or some ranking in that unit are not subject to change. This effectively means it can only be triggered after Group A.

Trigger also after any change.

2.2.5.4 Message Values

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. Must be included if it is a single event
Gender	M	CC @DisciplineGender	Gender code for the event unit. Must be included if it is a single gender

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	Text	Final rank of the competitor in the corresponding event.
RankEqual	O	S(1)	Identifies if a rank has been equalled. Send Y if applicable
IRM	O	SC @IRM	The invalid rank mark, send if applicable.
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.



Element: Result /Competitor (1,1)			
Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes.	Competitor's ID. "NOCOMP" in the case where there is no competitor in the rank due to IRM.
Type	M	S(1)	A for athlete
Organisation	O	CC @Organisation	Competitors' organisation if known

Element: Result /Competitor /Composition /Athlete (1,N)			
Attribute	M/O	Value	Description
Code	M	S(20) with no leading zeroes	Athlete's ID
Order	M	Numeric	Order attribute. Send 1 when Competitor @Type="A".

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
Class	O	CC @SportClass	Code to identify the Class in the event if applicable in Powerlifting.

2.2.5.5 Message Sort

Sort by Result @SortOrder



3 Document Control

Version history		
Version	Date	Comments
v1.0	2 March 2017	First version
V1.1	1 August 2017	Approved
V1.2	25 October 2017	Updated
V1.3	4 December 2017	Updated
V1.4	20 February 2018	Updated
V1.5	2 July 2018	Updated
V2.0	8 August 2018	Updated
V2.1	28 August 2018	Error correction
V2.2	19 November 2018	Managing combined B groups

File Reference: ODF R-SOG-2020-WLF V2.2 APP

Change Log		
Version	Status	Changes on version
v1.0	SFR	First version
V1.1	APP	Approved
V1.2	APP	Updated to add note for YOG
V1.3	APP	DT_RESULT: Add IF_SUCCESS in ExtendedInfos
V1.4	APP	DT_PARTIC: Updated to add Passport names (CR15219) DT_PARTIC: Added QUAL_BEST DT_RANKING: Removed PARTIAL in the header. Removed references to 2018 Commonwealth Games
V1.5	APP	1.4 2018 Youth Olympic Games: Add DT_RECORD as not applicable and record indicators. 1.4 2018 Youth Olympic Games: Add DT_PARTIC: QUAL_BEST as not applicable DT_PARTIC: Add PB.
V2.0	SFA	References to YOG removed CR 15039: Add DT_PARTIC_NAME to applicable messages. CR 16671: Add TVFamilyName in DT_PARTIC message. CR16537: Move LAST_UNIT to ExtendedInfos/Progress in phase results
V2.1	SFA	DT_PARTIC: Remove the entry PB, no longer required.
V2.2	APP	DT_RESULT: Updated to manage combined B groups DT_RESULT: Remove ValueType in extensions (not included as standard)