

Olympic Data Feed

ODF Diving Data Dictionary for the XX Commonwealth Games

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Technology and Information Department
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1 Introduction

1.1 This document

This document is a Derivative Work (as defined in the License hereto) prepared by Glasgow 2014 Limited for the purpose of the XX Commonwealth Games.

1.2 Objective

The objective of this document is to provide a formal definition of the ODF Diving Data Dictionary for the XX Commonwealth Games, with the intention that the information message producer and the message consumer can successfully interchange the information as the Diving competition is run.

1.3 Main Audience

The main audience of this document is the IOC as the ODF promoter, Glasgow 2014, 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 or International Federation	The international governing body of an Olympic Sport as recognized by the IOC
IOC	International Olympic Committee
IPC	International Paralympic Committee
CGA	Commonwealth Games Associations
ODF	Olympic Data Feed
ODF-PiT	Olympic Data Feed Point in Time, messages that are generated at certain point during competition
ODF-RT	Olympic Data Feed Real Time, messages that are generated when available
RSC	Results System Codes, determine uniquely one unit of the competition, specifying the discipline, gender, event, phase and unit.
Sport	is administered by an international federation and can be composed of one or more disciplines
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/COD001	ODF Common Codes Document	This document describes the ODF codes used across the rest of the ODF documents
ODF/INT142	ODF General Messages Interface Document	This document describes the ODF general messages for the XX Commonwealth Games

2 Overall Perspective

2.1 Objective

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

2.2 End to End data flow

In the following sections, for each ODF ~~sport~~ General message it will be explained in further detail those elements, attributes, codes, 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 Diving.

Any ODF Diving 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. Please refer to ODF General Messages Interface Document to know the format of these codes.

Code Entity	Code Entity Set of Values	
CC @DivePositions	Code	Description
	A	Straight
	B	Pike
	C	Tuck
	D	Free
CC @Function	Defined in ODF Common Codes Document See entity Function <ul style="list-style-type: none"> The entity's attribute to be used is Code 	
CC @ResultsFunction	Defined in ODF Common Codes - Results Functions by Sport Document. <ul style="list-style-type: none"> The Attribute to be used is ID 	
CC @IRM	Code	Description
	DNS	Did not start
	DSQ	Disqualified
CC @PanelType (Individual: A; Team: EX an SYN)	Code	Description
	A	Just one panel of judges
	EX	Execution
	SYN	Synchronisation
CC @QualificationMark	Code	Description
	Q	Qualified for next phase
	R	Qualified who reserve for next phase
CC @ResultType	Code	Description
	IRM	IRM status
	POINTS	Points

4 Point in Time

4.1 Point in Time Applicable Messages

The following table is a full list of all ODF messages and describes the list of messages used in Diving, as well as the category of each message, which identifies if the message structure definition can be found in the ODF General 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 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	
DT_PARTIC_TEAMS_UPDATE	List of teams update	X	
DT_MEDALS	Medal standings	Global	
DT_MEDALLISTS_DAY	Medallists of the day	Global	
DT_HISTORIC_RECORD	Historical records		
DT_GLOBAL_GM	Global good morning	Global	
DT_GLOBAL_GN	Global good night	Global	
DT_START_LIST	Start List	X	X
DT_RESULT	Event Unit Results	X	X
DT_PHASE_RESULT	Phase Results		
DT_CUMULATIVE_RESULT	Cumulative Results		
DT_POOL_STANDING	Pool Standings of group in a team competition		
DT_RANKING	Event Final ranking	X	X
DT_STATS	Statistics table		

DT_MEDALLISTS	Medallists of one event	X	
DT_MEDALLISTS_DISCIPLINE	Medallists by discipline	X	
DT_RECORD	Records		
DT_COMMUNICATION	Official Communication	X	
DT_BRACKETS	Brackets		
DT_GM	Discipline/venue good morning	X	
DT_GN	Discipline/venue good night	X	
DT_FED_RANKING	Federation Ranking		
DT_CONFIG	Discipline configuration	X	X
DT_WEATHER	Event Unit Weather conditions		
DT_SERIAL	List of Current PiT Serial	X	

4.1.1 List of participants by discipline/ List of participants by discipline update

4.1.1.1 Description

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

4.1.1.2 Header Values

The definition in the ODF General Messages Interface Document is valid

4.1.1.3 Trigger and Frequency

The definition in the ODF General Messages Interface Document is valid and in the case when the venue results becomes owner of the data.

4.1.1.4 Message Structure

Please, follow the general definition

4.1.1.5 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 in the case of Diving, as well as the attributes that have an extended definition.

Element	Attribute	M/O	Value	Comments
Participant	GivenName	M	S(25)	Given name in WNPA format (mixed case)
	BirthDate	O	YYYYMMDD	Date of birth for the athlete
	Nationality	M	CC @Country	Official's nationality.
	Height	O	N(3) 999	Height in centimetres for the athlete Send when this information is available
	Weight	O	N(3) 999	Weight in kilograms for the athlete Send when this information is available
	MainFunctionId	M	CC @Function	Main function

4.1.1.6 Message sort

Please, follow the general definition.

4.1.2 Start List

4.1.2.1 Description

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

4.1.2.2 Header Values

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

4.1.2.3 Trigger and Frequency

Please, follow the general definition.

4.1.2.4 Message Structure

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

- UnitDateTime (following the general rules for this element)
- UnitInfo
- Officials /Official
- Official /ExtOfficial
- Start /Competitor /EventUnitEntry
- Start /Competitor /Composition /Athlete /EventUnitEntry

4.1.2.5 Message Values

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

Element	Attribute	M/O	Value	Comments
Officials /Official	Function	M	CC @ResultsFunction	Send according to the codes. For all phases of the individual events there is only one panel of judges and eight judges in this panel. There are two panels (Execution and Synchronisation) for Finals of Synchronised events and six judges in each panel.
	Order	M	Numeric	According to the sport rules
Start	StartOrder	M/O	Numeric	Start order of the competitor in the start list. Optional only case of reserve divers.
	SortOrder	M	Numeric	

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

Element: UnitInfo					
Type	Code	Extension Code	Pos	Value	Description
UI_DV	DV_PANEL_y Where y=CC			S(1)	For @Type: Send proposed type

	@PanelType (By event unit)				For @Code: Send proposed code
					For @Pos: Do not send anything.
					For @Value: Sent "Y" if the event unit has that panel. Where y=CC @PanelType

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

Type /Code	Description	Expected
UI_DV /DV_PANEL_y	Judges' Panels and theirs rounds.	when it is available

The following table describes in more detail the Official /ExtOfficial element in the case of Diving.

Element: Official /ExtOfficial			
Type	Code	Value	Description
EO_DV	DV_TDC	S(1)	For @Type: Send proposed type
			For @Code: Send proposed code
	DV_RESERVE	S(1)	For @Type: Send proposed type
			For @Code: Send proposed type
DV_PANEL_y Where y=CC @PanelType	S(1)	For @Type: Send proposed type	
		For @Code: Send proposed code	
		For @Value: Send "Y" if the judge it is in that panel. Only send for the Judges. Where y=CC @PanelType	
DV_INDEX	N(1)	For @Type: Send proposed type	
		For @Code: Send proposed code	
		For @Value: Display Order for the Judges in the RT according with each event.	

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

Type /Code	Description	Expected
EO_DV /DV_TDC	To know if the official is member of FINA Technical Diving Committee.	As soon as it is known
EO_DV /DV_RESERVE	To know if the judge it's a reserve.	As soon as it is known
EO_DV /DV_PANEL_y	To know in which panel will be the judge. Where y=CC @PanelType	As soon as it is known This should be send according with the Official@Function, except for Referee, Assistant Referee.

		<p>E.g For all phases of the individual events: Official@Function=J1 send DV_PANEL_A@Value=Y ... Official@Function=ALT_JDG send DV_PANEL_A@Value=Y</p> <p>For Finals of Synchronised events: Official@Function=E1 send DV_PANEL_EX@Value=Y ... Official@Function=S1 send DV_PANEL_SYN@Value=Y ...</p>
EO_DV /DV_INDEX	<p>Index for the Judges in the RT. E.g: For all phases of the individual events: @Value= "4" for @Function=J1 @Value= "7" for @Function=J7 @Value= "8" for @Function= ALT_JDG</p> <p>For Finals of Synchronised events: @Value=1, 2, ...6 (judges 1-6, for Execution judges) @Value=1, 2, ...6 (judges 1-5 and alternate judge, for Synchronized judges)</p>	<p>As soon as it is known Only apply for Judges (included alternate judge)</p>

The following table describes in more detail the Start /Competitor /EventUnitEntry element in the case of Diving.

Element: Start /Competitor /EventUnitEntry				
Start /Competitor /Composition /Athlete /EventUnitEntry				
Type	Code	Pos	Value	Description
EUE_DIVE	DV_NUMBER	N(1) 0	S(5)	For @Type: Send proposed type
				For @Code: Send proposed code
				For @Pos: Round number
				For @Value: Dive number Ex." 6241B"
DV_DD	N(1) 0	N(1).N(1) 9.0	N(1).N(1) 9.0	For @Type: Send proposed type
				For @Code: Send proposed code
				For @Pos: Round number
				For @Value: Degree of difficulty.
DV_DESCRIPTION	N(1) 0		String	For @Type: Send proposed type
				For @Code: Send proposed code
				For @Pos: Round number
				For @Value: Dive's description.
DV_POSITION	N(1) 0		CC @DivePositions	For @Type: Send proposed type
				For @Code: Send proposed code
				For @Pos: Round number
				For @Value: Dive positions

Element: Start /Competitor /EventUnitEntry Start /Competitor /Composition /Athlete /EventUnitEntry					
Type	Code	Pos	Value	Description	
				(see codes description)	
EUE_DV	DV_IRM		CC @IRM	For @Type: Send proposed type	
				For @Code: Send proposed code	
				For @Value: Indicator supplied by OVR for DNS or other possible results before the phase starts.	
	DV_RESERVE			S(1)	For @Type: Send proposed type
					For @Code: Send proposed type
					For @Pos: Do not send anything
					For @Value: Send Y if the competitor it's a reserve. Only for diver
	DV_RSV_NUMB			N(1) 0	For @Type: Send proposed type
					For @Code: Send proposed type
For @Pos: Do not send anything					
For @Value: Send the reserve's number. Only for diver					

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

Type /Code	Description	Expected
EUE_DIVE /DV_NUMBER EUE_DIVE /DV_DD EUE_DIVE /DV_DESCRIPTION EUE_DIVE /DV_POSITION	Dive number, degree of difficulty, dive's description and the dive position for the team.	As soon as it is known.
EUE_DV /DV_IRM	Invalid result mark supplied by OVR before the phase starts.	As soon as this information is available.
EUE_DV /DV_RESERVE EUE_DV /DV_RSV_NUMB	Reserve number.	Before the start of the session. Only send for individual final event by diver. If apply.

4.1.2.6 Message sort

Please, follow the general definition.

4.1.3 Event Unit Results

4.1.3.1 Description

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

4.1.3.2 Header Values

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

4.1.3.3 Trigger and Frequency

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

- Intermediate:
 - After all competitors have finish a dive
- Unofficial/Official:
 - After last dive

4.1.3.4 Message Structure

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

- UnitDateTime
- Competitor /Composition /Athlete /ExtendedResults /ExtendedResult
- Competitor /ExtendedResults /ExtendedResult

4.1.3.5 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
Result	Rank	O	String	Rank of the competitor in the corresponding event unit. This attribute is optional because the competitor could have an IRM status.
	RankEqual	O	S(1)	Y in the case of equalled rank
	ResultType	O	CC @ResultType	Result type (see codes section)
	IRM	O	CC @IRM	IRM for the particular event unit. Send just in the case @ResultType is IRM. (see codes section)
	QualificationMark	O	CC @QualificationMark	Indicates whether the athlete qualification for next round is confirmed Don't send for the final. Only for individual event. (see codes section)
	Result	O	N(3).N(2) 999.90	Result (total Points based on all dives) for the particular event unit.
	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.

Send UnitDateTime including also the @EndDate attribute

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

Element: UnitInfo			
Type	Code	Value	Description
UI_DV	DV_LAST_QUAL	S(20) with no leading zeroes	For @Type: Send proposed type For @Code: Send proposed code For @Value: Send the last qualifying place ID (in pre-finals) In the situation where insufficient divers have participated to show the last qualifying position then show the current last place Send only for individual event.
	DV_ROUND	N(2) 90	For @Type: Send proposed type For @Code: Send proposed code For @Value: Send the current round.

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

Type /Code	Description	Expected
UI_DV /DV_LAST_QUAL	Send the last qualifying place ID (in pre-finals)	As soon as it is known
UI_DV / DV_ROUND	Current Round	As soon as it is known

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

Element: Competitor /ExtendedResults /ExtendedResult Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
ER_RESULTS	DV_SCR		N(1) 0	N(3).N(2) 999.99	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Send the number that identifies the round number, from 1 to n. Where n is the total numbers of rounds. For @Value: Total points after that round
		DV_RANK		String	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything For @Value: Rank after that round
		DV_ERANK		S(1)	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything

Element: Competitor /ExtendedResults /ExtendedResult					
Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					For @Value: Y in the case of equalled rank
		DV_DIFF		N(2).N(2) 99.99	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything
					For @Value: Points behind after that round.
		DV_IDX		N(3) 990	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything
					For @Value: Sequential number with competitor Rank Order.
	DV_DIVE		N(1) 0	N(3).N(2) 999.99	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Send the number that identifies the dive.
					For @Value: Dive points.
		DV_RANK		String	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything
					For @Value: Rank for that dive.
		DV_ERANK		S(1)	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything
					For @Value: Y in the case of equalled rank
		DV_IND		S(1)	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything.
					For @Value: Penalty indicator. Send "Y" if is the points have a penalty
		DV_JUDGE	N(1) 0	CC @ResultsFunction	For @Type: Send proposed type
					For @Code: Send proposed code.
					For @Pos: Judge's sequential number.
					For @Value: (See codes section)

Element: Competitor /ExtendedResults /ExtendedResult					
Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					Use: For Synchro events: E1, ..., E6, S1, ..., S5 For Ind. Events: J1,.. J7
		DV_SCORE_J	N(1) 0	N(2).N(1) 99.9	For @Type: Send proposed type For @Code: Send proposed code. For @Pos: Judge's sequential number For @Value: Score awarded given by that judge for that dive.
		DV_ELIMINATED	N(1) 0	S(1)	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Judge's sequential number For @Value: Send "Y" if the judge score does not contribute to total score. Send N if it is not more.
		DV_PTY		-N(1)N(1) -9.9 N(1).N(1) 9.9	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything. For @Value: Send the points for penalty.
		DV_AVR_J		N(2).N(1) 90.0	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything. For @Value: Average score. Based on the scores have not been eliminated

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

Type /Code	Description	Expected
ER_RESULTS /DV_SCR	Results (Total points) after each round	Always
DV_SCR /DV_RANK DV_SCR /DV_ERANK	Rank after that round DV_ERANK identify if a rank has been equalled.	When was available
DV_SCR /DV_DIFF	Points behind after that round	When was available
DV_SCR /DV_IDX	Sequential number with athlete Rank Order.	When was available
ER_RESULTS /DV_DIVE	Results for each dive where the competitor has taken place	Always
DV_DIVE /DV_RANK DV_DIVE /DV_ERANK	Rank for that dive DV_ERANK identify if a rank has been equalled	When was available
DV_DIVE /DV_IND	Penalty indicator	If apply
DV_DIVE /DV_JUGE DV_DIVE /DV_SCORE_J	Score awarded given by that judge for that dive.	When was available
DV_DIVE /DV_ELIMINATED	Send "Y" if the judge score does not contribute to total score.	If apply

DV_DIVE /DV_PTY	Send the points for penalty.	When was available
DV_DIVE /DV_AVR_J	Average score. Based on the scores have not been eliminated	If apply

4.1.3.6 Message sort

Please, follow the general definition.

4.1.4 Event Final Ranking

4.1.4.1 Description

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

In the case of Diving, the message has to be sent for all the competition events, as listed in the header values section.

4.1.4.2 Header Values

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

4.1.4.3 Trigger and Frequency

Please, follow the general definition.

4.1.4.4 Message Structure

Please, follow the general definition

4.1.4.5 Message Values

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

Element	Attribute	M/O	Value	Comments
Result	Rank	O	String	Final rank of the competitor in the corresponding event.
	RankEqual	O	S(1)	It must send always that the attribute Rank is send, it identify if a rank has been equalled.
	SortOrder	M	Numeric	This attribute is a sequential number with the order of the competitors at the end of the event.

4.1.4.6 Message sort

Please, follow the general definition.

4.1.5 Discipline Configuration

4.1.5.1 Description

This message is the Discipline Configuration message as described in the ODF General Messages Interface Document.

4.1.5.2 Header Values

Please, follow the general definition.

4.1.5.3 Trigger and Frequency

Please, follow the general definition.

4.1.5.4 Message Structure

Please, follow the general definition.

4.1.5.5 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 in the case of Diving, as well as the attributes that have an extended definition.

Element	Attribute	M/O	Value	Comments
Config	Gender	O	CC @Gender	
	Event	O	CC @Event	
	Phase	O	CC @Phase	
	Unit	O	CC @Unit	

The following table describes in more detail the ExtendedConfig element.

Element: ExtendedConfig				
Type	Code	Pos	Value	Description
EC_DV	DV_T_DIVE (By gender)		N(1) 0	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything. For @Value: Total number of dives/Rounds.
	DV_EVENT_CODE (By event)		String	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything. For @Value: Send the correspondent event code.
EC_QUALIFICATION (By event unit)	DV_QUALRULES		String	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything For @Value: Qualification rule text (long version).
	DV_RANK_QUALFNL	N(1) 0	String	For @Type: Send proposed type For @Code:

Element: ExtendedConfig				
Type	Code	Pos	Value	Description
				<p>Send proposed code for the qualification rule.</p> <p>DV_RANK_QUALFNL is the code that indicates the qualification for final based on rank.</p> <p>For @Pos: Send 1 to indicate first rank included in the @Code rule. Send 2 to indicate last rank included in the @Code rule.</p> <p>For @Value: Send the rank according to @Code rule and @Pos</p>

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

Type /Code	Description	Expected
EC_DV /DV_T_DIVE	Total number of dives/Rounds.	When it is available
EC_DV /DV_EVENT_CODE	Event code Note: Use the general gender (@Gender="0")	when it is available
EC_QUALIFICATION /DV_QUALRULES	It's the Qualification rules for the competitor by event unit.	When was available. Only for preliminary
EC_QUALIFICATION /DV_RANK_QUALFNL	<p>Qualification for next round based on rank.</p> <p>Ex. If you say: "Top 12 qualify for the Final": <..Code="DV_QUALRULES" Value="Top 12 qualify for the Preliminaries"> <... Code="CF_RANK_QUALFNL" Pos="1" Value="1"/> <..Code="CF_RANK_QUALFNL" Pos="2" Value="12"/> ...</p>	Always if the rule applies to the competition Only for preliminary

4.1.5.6 Message sort

Please, follow the general definition.

5 Real time

The following chapter describes the ODF-RT part of Diving.

5.1 Real Time Applicable Messages

The next table is a full list of all ODF-RT messages and describes the list of messages used in Diving the same way as it is done in the table of chapter 4.

Message Type	Message name	Message used in this sport	Message extended in this document
DT_RT_RESULT	RT Event Unit Results	X	X
DT_RT_CUMULATIVE_RESULT	RT Cumulative Results		
DT_RT_CLOCK	RT Clock		
DT_RT_GM	RT Discipline/Venue good morning	X	
DT_RT_GN	RT Discipline/venue good night	X	
DT_RT_KA	RT Discipline/venue keep alive	X	

5.1.1 RT Event Unit Results

5.1.1.1 Description

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

5.1.1.2 Header Values

The ODF header will be sent according to the ODF Common Codes document.

5.1.1.3 Trigger and Frequency

The following is the trigger for this message in ODF-RT:

- ResultStatus="LIVE_UPDATE"
 - T1: Trigger at the beginning of the event unit.
 - T2: Trigger when any competitor notified as IRM.
 - T3: Trigger after each competitor dive.
 - T4: Trigger when the competitor becomes current (presentation of the diver).
 - T5: Trigger after one change in the scores.
- for the other ResultStatus, please, follow the general definition.

5.1.1.4 Message Structure

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

- UnitInfo
- Competitor /Composition /Athlete /ExtendedResults /ExtendedResult
- Competitor /ExtendedResults /ExtendedResult

Please, follow the general considerations for all the different type of messages.

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

5.1.1.5 Message Values

The following table describes in more detail the Result element.

Element	Attribute	M/O	Value	Comments	LIVE_UPDATE RT trigger expected
Result	Rank	O	String	Rank of the competitor in the corresponding event unit. This attribute is optional because the competitor could be has an IRM status.	T3, T5
	RankEqual	O	S(1)	Y in the case of equalled rank and N in the case of tie break.	
	ResultType	O	CC @ResultType	Result type (see codes section)	T2, T3, T5
	IRM	O	CC @IRM	IRM for the particular event unit. Send just in the case @ResultType is IRM. (see codes section)	T2

Element	Attribute	M/O	Value	Comments	LIVE_UPDATE RT trigger expected
	QualificationMark	O	CC @Qualification Mark	Indicates whether the athlete qualification for next round is confirmed Don't send for the final. Only for individual event. (see codes section)	When the qualification is confirmed.
	Result	O	N(3).N(2) 999.90	Result (Total Points based on all dives) for the particular event unit.	T3, T5
	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.	Always
Result/ Competitor/ Composition / Athlete	Order	M	Numeric	Sort the team members by Family Name.	Always

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

Element: UnitInfo			
Type	Code	Value	Description
UI_DV	DV_LAST_QUAL	S(20) with no leading zeroes	For @Type: Send proposed type For @Code: Send proposed code For @Value: Send the last qualifying place ID (in pre-finals) In the situation where insufficient divers have participated to show the last qualifying position then show the current last place Send only for individual event.
	DV_ROUND	N(2) 90	For @Type: Send proposed type For @Code: Send proposed code For @Value: Send the current round.

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

Type /Code	Description	Expected
UI_DV /DV_LAST_QUAL	Send the last qualifying place ID (in pre-finals)	As soon as it is known
UI_DV / DV_ROUND	Current Round	As soon as it is known

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

Element: Competitor /ExtendedResults /ExtendedResult Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
ER_DV	DV_CURRENT			S(1)	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything.

Element: Competitor /ExtendedResults /ExtendedResult Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					For @Value: Send "Y" if this competitor has most recently started. Send N if it is not more.
	DV_PREVIOUS			S(1)	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything.
					For @Value: Send "Y" if the results for that competitor has been recorded. Send N if it is not more.
ER_RESULTS	DV_SCR		N(1) 0	N(3).N(2) 999.99	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Send the number that identifies the round number, from 1 to n. Where n is the total numbers of rounds.
					For @Value: Total points after that round
		DV_RANK		String	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything
					For @Value: Rank after that round
		DV_ERANK		S(1)	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything
					For @Value: Y in the case of equalled rank and N in the case of tie break.
		DV_PREV_RANK		String	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything
					For @Value: Overall Rank of the competitor before the current dive In preliminaries, during dive one, the value will be blank. In finals, during dive 1, the value will be previous phase rank.
		DV_PREV_ERANK		S(1)	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Do not send anything
					For @Value:

Element: Competitor /ExtendedResults /ExtendedResult Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					Y in the case of equalled rank and N in the case of tie break.
		DV_AVR_H	N(1) 0	N(2)	<p>For @Type: Send proposed type</p> <p>For @Code: Send proposed code</p> <p>For @Pos: Sequential number for each average. For individual events: from 1 to 4. For Synchronized events: from 1 to 3</p> <p>For @Value: Send the 3 or 4(individual event) ranks higher than the competitor who can.</p> <p>For @pos=1: 1, unless the diver cannot reach 1st place with 10s then put the highest place the diver can achieve</p> <p>For @pos=2: 2, unless the first position is not equal to 1 then put one less than the first position.</p> <p>For @pos=3: 3, unless the first position is not equal to 1 then put two less than the first position.</p> <p>For @pos=4: "n", n is the last qualifying place (in pre-finals) or 4th place (in finals). In finals if 4th place cannot be achieved then put the rank one less than third position. Send "n" only for individual event.</p>
		DV_AVR	N(1) 0	String	<p>For @Type: Send proposed type</p> <p>For @Code: Send proposed code</p> <p>For @Pos: Sequential number for each average. For individual events: from 1 to 4. For Synchronized events: from 1 to 3</p> <p>For @Value: Average score (with format 0.0) needed to reach the rank put in DV_AVR_H Sent "-" if ranked higher than this rank. Sent "x" if not possible to attain this rank</p>
		DV_IDX		N(3) 990	<p>For @Type: Send proposed type</p> <p>For @Code: Send proposed code</p> <p>For @Pos: Do not send anything</p> <p>For @Value: Sequential number with competitor Rank Order.</p>
	DV_DIVE		N(1) 0	N(3).N(2) 999.99	<p>For @Type: Send proposed type</p> <p>For @Code: Send proposed code</p> <p>For @Pos: Send the number that identifies the dive.</p>

Element: Competitor /ExtendedResults /ExtendedResult Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					For @Value: Dive points.
		DV_JUDGE	N(1) 0	CC @ResultsFunction	For @Type: Send proposed type For @Code: Send proposed code. For @Pos: Judge's sequential number. For @Value: (See codes section) Use: For Synchro events: E1, ..., E6, S1, ..., S5 For Ind. Events: J1,.. J7
		DV_SCORE_J	N(1) 0	N(2).N(1) 99.9	For @Type: Send proposed type For @Code: Send proposed code. For @Pos: Judge's sequential number For @Value: Score awarded given by that judge for that dive.
		DV_ELIMINATED	N(1) 0	S(1)	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Judge's sequential number For @Value: Send "Y" if the judge score does not contribute to total score. Send N if it is not more.
		DV_PTY		N(1)N(1) 9.9 N(1).N(1) 9.9	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything. For @Value: Send the points for penalty.
		DV_AVR_J		N(2).N(1) 90.0	For @Type: Send proposed type For @Code: Send proposed code For @Pos: Do not send anything. For @Value: Average score. Based on the scores that have not been eliminated

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

Type /Code	Description	Expected
ER_DV /DV_CURRENT	Value should appear in this row when the Judge enters a team's bib number into the terminal and presses enter, and returns to "N" when the team becomes the "Last Scored"	T4
ER_DV /DV_PREVIOUS	Value should appear as soon as the result for a	T3

	team has been recorded. When another team becomes "Last Scored" the value should again become "N"	
ER_RESULTS /DV_SCR	Results (Total points) after each round.	T1, T3, T5, T4
DV_SCR /DV_RANK DV_SCR /DV_ERANK	Rank after that round DV_ERANK identify if a rank has been equalled.	T1, T3, T5
DV_SCR /DV_PREV_RANK DV_SCR /DV_PREV_ERANK	Overall Rank of the competitor before the current dive, compared to all competitors after the same number of dives. In preliminaries, during dive one, the value will be blank. In finals, during dive 1, the value will be previous phase rank. DV_PREV_ERANK identify if a rank has been equalled.	T4, T4, T5
DV_SCR /DV_AVR_H DV_SCR /DV_AVR	Average score needed to reach the rank put in DV_AVR_H.	T4
DV_SCR /DV_IDX	Sequential number with athlete Rank Order.	
ER_RESULTS /DV_DIVE	Results for each dive where the competitor has taken place	When all judges scores are available
DV_DIVE /DV_JUGE DV_DIVE /DV_SCORE_J	Score awarded given by that judge for that dive.	T3, T5
DV_DIVE /DV_ELIMINATED	Send "Y" if the judge score does not contribute to total score.	T3, T5
DV_DIVE /DV_PTY	Send the points for penalty.	T3, T5
DV_DIVE /DV_AVR_J	Average score. Based on the scores have not been eliminated	T3, T5

5.1.1.6 Message sort

Please, follow the general definition.

6 PDF feed

Please refer to the same section of the ODF General Messages Interface Document.

DOCUMENT CONTROL

Version history

Version	Date	Comments
R1 v1.0	15 Mar 2013	First version SFR
R1 v1.1	12 Apr 2013	SFA
R1 v1.2	19 Apr 2013	APP
R1 v1.3	01 Aug 2013	APP - (external delivery)
R1 v1.4	10 Dec 2013	Defect 100580
R1 v1.5	16 Jan 2014	Some minor issues/improvements - (external delivery)

File reference: ODF/INT126 R1 v1.5 APP (DV)

Change Log

Version	Status	Changes on version
R1 v1.0	SFR	<ul style="list-style-type: none"> First version
R1 v1.1	SFA	<ul style="list-style-type: none"> Submitted for Approval.
R1 v1.2	APP	<ul style="list-style-type: none"> Approved version
R1 v1.3	APP	<ul style="list-style-type: none"> Section 2.2: "ODF Sport" changed to "ODF General". External Delivery
R1 v1.4	APP	<ul style="list-style-type: none"> Defect 100580: Update the format values of the penalty scores (DV_DIVE /DV_PTY) should be positive
R1 v1.5	APP	<ul style="list-style-type: none"> Updated the DT_POOL_STANDING message name (in section 4.1).

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