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Olympic Data Feed

ODF Diving Data Dictionary

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TABLE OF CONTENT

1	Introduction	5
1.1	This document.....	5
1.2	Objective	5
1.3	Main Audience.....	5
1.4	Glossary	5
1.5	Related Documents.....	5
2	Overall Perspective	7
2.1	Objective	7
2.2	End to End data flow	7
3	Codes	8
4	Diving Data Extension	10
4.1	General Issues	10
4.1.1	ODF header	10
4.1.2	Attributes Definition.....	10
5	Point in Time.....	11
5.1	Point in Time Applicable Messages	11
5.1.1	List of participants by discipline/ List of participants by discipline update	13
5.1.1.1	Description.....	13
5.1.1.2	Header Values.....	13
5.1.1.3	Trigger and Frequency	13
5.1.1.4	Message Structure	13
5.1.1.5	Message Values	13
5.1.1.6	Message sort	13
5.1.2	Start List.....	14
5.1.2.1	Description.....	14
5.1.2.2	Header Values.....	14
5.1.2.3	Trigger and Frequency	14
5.1.2.4	Message Structure	14
5.1.2.5	Message Values	14
5.1.2.6	Message sort	18
5.1.3	Event Unit Results	19
5.1.3.1	Description.....	19
5.1.3.2	Header Values.....	19
5.1.3.3	Trigger and Frequency	19
5.1.3.4	Message Structure	19
5.1.3.5	Message Values	19
5.1.3.6	Message sort	23
5.1.4	Event Final Ranking.....	24
5.1.4.1	Description.....	24
5.1.4.2	Header Values.....	24
5.1.4.3	Trigger and Frequency	24
5.1.4.4	Message Structure	24
5.1.4.5	Message Values	24
5.1.4.6	Message sort	24
5.1.5	Event's Medallists	25
5.1.5.1	Description.....	25
5.1.5.2	Header Values.....	25
5.1.5.3	Trigger and Frequency	25



5.1.5.4	Message Structure	25
5.1.5.5	Message Values	25
5.1.5.6	Message sort	25
5.1.6	Discipline/venue good morning.....	26
5.1.6.1	Description.....	26
5.1.6.2	Header Values.....	26
5.1.6.3	Trigger and Frequency	26
5.1.6.4	Message Structure	26
5.1.6.5	Message Values	26
5.1.6.6	Message sort	26
5.1.7	Discipline/venue good night.....	27
5.1.7.1	Description.....	27
5.1.7.2	Header Values.....	27
5.1.7.3	Trigger and Frequency	27
5.1.7.4	Message Structure	27
5.1.7.5	Message Values	27
5.1.7.6	Message sort	27
5.1.8	Discipline Configuration	28
5.1.8.1	Description.....	28
5.1.8.2	Header Values.....	28
5.1.8.3	Trigger and Frequency	28
5.1.8.4	Message Structure	28
5.1.8.5	Message Values	28
5.1.8.6	Message sort	29
6	Real time	30
6.1	Real Time Applicable Messages	30
6.1.1	RT Event Unit Results	31
6.1.1.1	Description.....	31
6.1.1.2	Header Values.....	31
6.1.1.3	Trigger and Frequency	31
6.1.1.4	Message Structure	31
6.1.1.5	Message Values	31
6.1.1.6	Message sort	36
	DOCUMENT CONTROL	37



1 Introduction

1.1 This document

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

1.2 Objective

The objective of this document is to provide a complete and formal definition of the ODF Diving Data Dictionary, 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, 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
- **ODF-RT** – Olympic Data Feed Real Time
- **RSC** – Results System Codes
- **DV** – Diving
- **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/INT003	ODF Central Messages Interface Document	This document describes the ODF central messages
ODF/INT004	ODF Sport Messages Interface Document	This document describes the ODF sport messages, generated independently by each sport



2 Overall Perspective

2.1 Objective

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

2.2 End to End data flow

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

In the following sections, for each ODF sport message it will be explained in further detail those elements, attributes, codes, 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 Sport 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 The entity's attribute to be used is Code	
	<u>In case of officials in DT_START_LIST use:</u>	
	For Official @Function use:	
	RE	Referee
	AR	Assistant Referee
	A1	Judge 1 of the Panel A
	
	A7	Judge 7 of the Panel A
	B1	Judge 1 of the Panel B
	
	B7	Judge 7 of the Panel B
	J1	Judge 1 without panel
	
	J7	Judge 7 without panel
	E1	Execution judge 1
...		
E6	Execution judge 6	
S1	Synchronisation judge 1	
...		
S5	Synchronisation judge 5	
ALT_JDG	Alternate Judge	
<u>In case of officials in DT_RT_RESULT and DT_RESULT use:</u>		
· For Synchro events: E1, ..., E6, S1, ..., S5		
· For Ind. Events: J1,.. J7		
CC @IRM	Code	Description
	DNS	Did not start
	DSQ	Disqualified
CC @PanelType	Code	Description
	A	Panel A



(Individual: A and B; Team: EX an SYN)	B	Panel B
	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 Diving Data Extension

4.1 General Issues

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

4.1.1 ODF header

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

- ODF Header: DocumentCode.

4.1.2 Attributes Definition

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



5 Point in Time

5.1 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 either in the ODF Sport Messages Interface Document or ODF Central Messages Interface Document.

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

Message Type	Message name	Message documented	Message used in this sport	Message extended in this document
DT_SCHEDULE	Competition schedule	Central	X	
DT_SCHEDULE_UPDATE	Competition schedule update	Central	X	
DT_PARTIC	List of participants by discipline	Central	X	X
DT_PARTIC_UPDATE	List of participants by discipline update	Central	X	X
DT_PARTIC_TEAMS	List of teams	Central	X	
DT_PARTIC_TEAMS_UPDATE	List of teams update	Central	X	
DT_PARTIC_HORSES	List of equestrian horses	Central		
DT_PARTIC_HORSES_UPDATE	List of horses update	Central		
DT_MEDALS	Medal standings	Central	Global	



DT_MEDALLISTS_DAY	Medallists of the day	Central	Global	
DT_HISTORIC_RECORD	Historical records	Central		
DT_HIST_REC_UPDATE	Historical records update	Central		
DT_GLOBAL_GM	Global good morning	Central	Global	
DT_GLOBAL_GN	Global good night	Central	Global	
DT_START_LIST	Start List	Sports	X	X
DT_RESULT	Event Unit Results	Sports	X	X
DT_PHASE_RESULT	Phase Results	Sports		
DT_CUMULATIVE_RESULT	Cumulative Results	Sports		
DT_POOL_STANDING	Pool Standings of group in a team competition	Sports		
DT_RANKING	Event Final ranking	Sports	X	X
DT_STATS	Statistics table	Sports		
DT_MEDALLISTS	Medallists of one event	Sports	X	X
DT_MEDALLISTS_DISCIPLINE	Medallists by discipline	Sports	X	
DT_RECORD	Records	Sports		
DT_COMMUNICATION	Official Communication	Sports	X	
DT_BRACKETS	Brackets	Sports		
DT_GM	Discipline/venue good morning	Sports	X	X
DT_GN	Discipline/venue good night	Sports	X	X
DT_FED_RANKING	Federation Ranking	Sports		
DT_CONFIG	Discipline configuration	Sports	X	X
DT_WEATHER	Event Unit Weather conditions	Sports		
DT_SERIAL	List of Current PiT Serial	Sports	X	



5.1.1 List of participants by discipline/ List of participants by discipline update

5.1.1.1 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 Central Messages Interface Document.

5.1.1.2 Header Values

The definition in the ODF Central Messages Interface Document is valid

5.1.1.3 Trigger and Frequency

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

5.1.1.4 Message Structure

Please, follow the general definition.

5.1.1.5 Message Values

The following table lists the “List of participants by discipline/ update” optional attributes (defined in the ODF Central Messages Interface Document) that are used in the case 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

5.1.1.6 Message sort

Please, follow the general definition.



5.1.2 Start List

5.1.2.1 Description

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

5.1.2.2 Header Values

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

5.1.2.3 Trigger and Frequency

Please, follow the general definition.

5.1.2.4 Message Structure

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

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

5.1.2.5 Message Values

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

Element	Attribute	M/O	Value	Comments
Officials /Official	Function	M	CC @Function	Send according to the codes. There are two panels (A and B) for the preliminaries and semifinals of the individual events and eight judges in each panel. Send the functions codes which are listed below: RE, AR, A1, ..., A7, ALT_JDG, B1, .., B7, ALT_JDG For the semifinals and finals of the individual events there is only one panel of judges and eight judges in this panel. Send the functions codes which are listed below: RE, AR, J1, ...J7, ALT_JDG There are two panels (Execution and Synchronisation) for Finals of Synchronised events and six judges in each panel. Send the functions codes which are listed below: RE, AR, E1, .., E6, S1, ..S5, ALT_JDG
	Order	M	Numeric	Send by order for each official in each function, example: judge 1, judge 2, judge 3, ...
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 @PanelType (By event unit)			S(1)	For @Type: Send proposed type
					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
		DV_ROUND	N(1) 0	String	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Code: Send 1 to indicate first round for that panel. Send 2 to indicate last round for that panel.
					For @Value: Send the rounds for that panel.

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
UI_DV /DV_ROUND	Panel's rounds. Ex. For "Panel A (1-3)" Send: <..Code=DV_PANEL_A> <.. Code=DV_ROUND Pos=1 Value=1/> <.. Code=DV_ROUND Pos=2 Value=3/> ...	As soon as it is known Only send for Panel A and d B.

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
			For @Value: Send "Y" if the official is member of FINA Technical Diving Committee.
	DV_RESERVE	S(1)	For @Type: Send proposed type
			For @Code: Send proposed type
			For @Value: Send "Y" if the official it's an alternate judge. Send only for judge.
	DV_PANEL_y Where y=CC @PanelType	S(1)	For @Type: Send proposed type
			For @Code: Send proposed code
			For @Value:



Element: Official /ExtOfficial			
Type	Code	Value	Description
			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. In individuals events: 1, 2, 3, ... In Synchronized Events: 1...: Execution Judges 1...: Synchronized Judges

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

Type /Code	Description	Expected
EO_DV /DV_TDC	For know if the official is member of FINA Technical Diving Committee.	As soon as it is known
EO_DV /DV_RESERVE	For know if the judge it's a reserve.	As soon as it is known
EO_DV /DV_PANEL_y	For 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, and Alternate Judge. E.g For Preliminaries and Semifinals of the individual events: Official@Function=A1 send DV_PANEL_A@Value=Y ... Official@Function=ALT_JDG send DV_PANEL_A@Value=Y Official@Function=B1 send DV_PANEL_B@Value=Y ... Official@Function=ALT_JDG send DV_PANEL_B@Value=Y For Semifinals and finals of the individual events: Official@Function=J1 send DV_PANEL_A@Value=Y ... Official@Function=ALT_JDG send DV_PANEL_A@Value=Y For Finals of Synchronised events: Official@Function=E1 send DV_PANEL_EX@Value=Y ... Official@Function=S1 send DV_PANEL_SYN@Value=Y ...
EO_DV /DV_INDEX	Index for the Judges in the RT. E.g: For individual events: @Value=1, 2, ...8 (judges 1 - 7 and alternate judge) For Preliminaries of the individual events: @Value= "1" for @Function=A1 ... @Value= "7" for @Function=A7 @Value= "8" for @Function= ALT_JDG @Value= "1" for @Function=B1	As soon as it is known Only apply for Judges (included alternate judge)



	<p>@Value= "7" for @Function=B7 @Value= "8" for @Function= ALT_JDG</p> <p>For Semifinals and finals of the individual events: @Value= "1" 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>	
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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	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 (see codes description)
EUE_DV	DV_IRM		CC @IRM	For @Type: Send proposed type
				For @Code: Send proposed code
				For @Value: Indicator as supplied by OVR for DNS or



Element: Start /Competitor /EventUnitEntry Start /Competitor /Composition /Athlete /EventUnitEntry				
Type	Code	Pos	Value	Description
				other possible results before the race.
	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 race.	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 semifinal and final event by diver. If apply.

5.1.2.6 Message sort

Please, follow the general definition.



5.1.3 Event Unit Results

5.1.3.1 Description

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

5.1.3.2 Header Values

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

5.1.3.3 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

5.1.3.4 Message Structure

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

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

5.1.3.5 Message Values

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

Element	Attribute	M/O	Value	Comments
Result	Rank	O	String	Rank of the competitor in the corresponding event unit. This attribute is optional because the competitor could be has 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



Element: Competitor /ExtendedResults /ExtendedResult					
Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					For @Code: Send proposed code
					For @Pos: Do not send anything
					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)	CC @Function	For @Type:



Element: Competitor /ExtendedResults /ExtendedResult Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
			0		Send proposed type For @Code: Send proposed code. For @Pos: Judge's sequential number. For @Value: (See codes section)
		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	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

5.1.3.6 Message sort

Please, follow the general definition.



5.1.4 Event Final Ranking

5.1.4.1 Description

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

5.1.4.2 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).

5.1.4.3 Trigger and Frequency

Please, follow the general definition.

5.1.4.4 Message Structure

Please, follow the general definition

5.1.4.5 Message Values

The following table lists the Event Final Ranking optional attributes (defined in the ODF Sport 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.

5.1.4.6 Message sort

Please, follow the general definition.



5.1.5 Event's Medallists

5.1.5.1 Description

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

5.1.5.2 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).

5.1.5.3 Trigger and Frequency

Please, follow the general definition.

5.1.5.4 Message Structure

Please, follow the general definition.

5.1.5.5 Message Values

Please, follow the general definition.

5.1.5.6 Message sort

Please, follow the general definition.



5.1.6 Discipline/venue good morning

5.1.6.1 Description

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

5.1.6.2 Header Values

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

5.1.6.3 Trigger and Frequency

Please, follow the general definition.

5.1.6.4 Message Structure

Please, follow the general definition.

5.1.6.5 Message Values

Please, follow the general definition.

5.1.6.6 Message sort

Please, follow the general definition.



5.1.7 Discipline/venue good night

5.1.7.1 Description

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

5.1.7.2 Header Values

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

5.1.7.3 Trigger and Frequency

Please, follow the general definition.

5.1.7.4 Message Structure

Please, follow the general definition.

5.1.7.5 Message Values

Please, follow the general definition.

5.1.7.6 Message sort

Please, follow the general definition.



5.1.8 Discipline Configuration

5.1.8.1 Description

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

5.1.8.2 Header Values

Please, follow the general definition.

5.1.8.3 Trigger and Frequency

Please, follow the general definition.

5.1.8.4 Message Structure

Please, follow the general definition.

5.1.8.5 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 Sport 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_QUALSFN	N(1)	String	For @Type:



Element: ExtendedConfig				
Type	Code	Pos	Value	Description
	DV_RANK_QUALFNL	0		<p>Send proposed type</p> <p>For @Code: Send proposed code for the qualification rule.</p> <p>DV_RANK_QUALSFN is the code that indicates the qualification for semifinal based on rank.</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 and Semifinal
EC_QUALIFICATION /DV_RANK_QUALFNL EC_QUALIFICATION /DV_RANK_QUALSFN	<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 Semifinal"> <... 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 and Semifinal

5.1.8.6 Message sort

Please, follow the general definition.



6 Real time

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

6.1 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 documented	Message used in this sport	Message extended in this document
DT_RT_GM	RT Discipline/Venue good morning	Sports	X	
DT_RT_GN	RT Discipline/venue good night	Sports	X	
DT_RT_KA	RT Discipline/venue keep alive	Sports	X	
DT_RT_RESULT	RT Event Unit Results	Sports	X	X
DT_RT_CUMULATIVE_RESULT	RT Cumulative Results	Sports		



6.1.1 RT Event Unit Results

6.1.1.1 Description

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

6.1.1.2 Header Values

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

6.1.1.3 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.

6.1.1.4 Message Structure

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

6.1.1.5 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
	Qualification Mark	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.
UI_DV	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



Element: Competitor /ExtendedResults /ExtendedResult Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					For @Code: Send proposed code For @Pos: Do not send anything. 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 semifinals and finals, during dive 1, the value will be previous phase rank.
		DV_PREV_ERANK		S(1)	For @Type:



Element: Competitor /ExtendedResults /ExtendedResult Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					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_AVR_H	N(1) 0	N(2)	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Sequential number for each average. For individual events: from 1 to 4. For Synchronized events: from 1 to 3
					For @Value: Send the 3 or 4(individual event) ranks higher than the competitor who can.
					For @pos=1: 1, unless the diver cannot reach 1st place with 10s then put the highest place the diver can achieve
					For @pos=2: 2, unless the first position is not equal to 1 then put one less than the first position.
					For @pos=3: 3, unless the first position is not equal to 1 then put two less than the first position.
					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.
		DV_AVR	N(1) 0	String	For @Type: Send proposed type
					For @Code: Send proposed code
					For @Pos: Sequential number for each average. For individual events: from 1 to 4. For Synchronized events: from 1 to 3
					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
		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



Element: Competitor /ExtendedResults /ExtendedResult Competitor /Composition /Athlete /ExtendedResults /ExtendedResult					
Type	Code	Extension Code	Pos	Value	Description
					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_JUDGE		N(1) 0	CC @Function	For @Type: Send proposed type
					For @Code: Send proposed code.
					For @Pos: Judge's sequential number.
					For @Value: (See codes section)
	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	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_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 team has been recorded. When another team becomes "Last Scored" the value should again become "N"	T3
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 semifinals and 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

6.1.1.6 Message sort

Please, follow the general definition.



DOCUMENT CONTROL

Version history

Version	Date	Comments
R2 v1.0	22 May 2009	Submitted for review version
R2 v2.0	19 Jun 2009	Changes after IDM and Submitted for Approval
R2 v3.0	17 July 2009	Some minor corrections and added the copyright
R2 v4.0	17 January 2011	Some minor corrections & IR003 & IR 004 & CR1441 & IR022
R2 v5.0	18 March 2011	IR022
R2 V6.0	2 September 2011	Defects, IR047, IR022, changes after PT
R2 v6.1	3 October 2011	Defect 49701
R2 v7.0	10 February 2012	IR101, CR6354, 52129
R2 v7.1	13 April 2012	Defect 53373
R2 v7.2	25 May 2012	Defect 71825
R2 v8.0	22 June 2012	CR10351

File reference: ODF/INT032 R2 v8.0 APP (DV)



Change Log

Version	Status	Changes on version
R2 v1.0	SFR	<ul style="list-style-type: none"> First version
R2 v2.0	SFA	<ul style="list-style-type: none"> Participant: Delete _AGE because this information will be calculate Event Unit Results: Change the format for total points to N(3).N(2); Change the format for judge's points to N(2).N(1) RT Event Unit: Add _LAST_QUAL
R2 v3.0	APP	<ul style="list-style-type: none"> Some minor corrections and added the copyright. Delete "equestrian" from the description of DT_PARTIC_HORSES_UPDATE.
R2 v4.0	APP	<ul style="list-style-type: none"> Codes: Add comments for the official's codes. Those codes can be change when we have the new command codes. Partipants: Add MainFunctionId Start List: Add a _IRM for RT; Add DV_PANEL_y and DV_ROUND_y to know the panels; Add DV_INDEX for the judges in the RT. Config: Removed _DIVE, _SCR; Results: Update the format for Rank; Add DV_DIVE/DV_AVR_J; Remove DV_DIVE/DV_IDX and add it to into DV_SCR/DV_IDX; update the @pos for DV_DIVE/DV_JUDGE, DV_DIVE/DV_SCORE_J, DV_DIVE/DV_ELIMINATED; Add DV_SCR/DV_AVR_H and update the @Value from DV_SCR/DV_AVR; Add DV_ROUND Results: Merge RT Data in PiT. General change: Update the Y/N values; Changes after the WNPA meeting (IR003): <ul style="list-style-type: none"> Results: Add the attribute RankEqual when there are an attribute Rank to identify if this is equalled or not. Results: Add an element _ERANK, _PREV_ERANK when there are an attribute Rank to identify if this is equalled or not. Changes after the WNPA meeting (IR004): <ul style="list-style-type: none"> Start List: Add _RSV_NUMB and remove @pos from DV_RESERVE Changes after ORIS release 5 v1.1 (CR1441): <ul style="list-style-type: none"> The execution judges for synchronised events have been increased from 4 to 6 and identified as E1, E2, E3, E4, E5 and E6 with E1- E2-E3 judging one diver and E4- E5-E6 judging the other Strikethrough font will be applied for all affected results outputs which show discarded judges' scores (individual and synchronised) Update the IRMs Changes after the WNPA meeting (IR022): <ul style="list-style-type: none"> Codes: add a reference for the format details
R2 v5.0	APP	<ul style="list-style-type: none"> Start List: change E_RESERVE, E_RSV_NUMB for DV_RESERVE and DV_RSV_NUMB Changes after the WNPA meeting (IR022): <ul style="list-style-type: none"> Change the triggers and frequency as the revision of WNPA meeting
R2 v6.0	APP	<ul style="list-style-type: none"> Defect 40236: <ul style="list-style-type: none"> <u>In Header Values:</u> Remove the sentence "Attribute @ResultStatus should always be either "LIVE_UPDATE" or "LIVE_FULL".", as this is already explained in the Sport Message Interface document. <u>In Trigger and Frequencies:</u> Keep the part explaining the triggers for ResultStatus = "LIVE_UPDATE", and say that for the other ResultStatus we should follow the general definition. <u>In Message Structure:</u> Remove part of the sentence "for both LIVE_UPDATE and LIVE_FULL messages" <u>In Message Values:</u> Remove the sentences "In the case of ResultStatus="LIVE_FULL", send <u>all</u> attributes and codes according to the tables described in this section. In the case of ResultStatus="LIVE_UPDATE", send <u>just the updated</u> attributes and codes according to the tables described in this section.", as this is already explained in the Sport Message Interface document. IR047: Log changes in ODF documentatin should be moved at the end



Change Log

Version	Status	Changes on version
		<ul style="list-style-type: none">Changes after PT:<ul style="list-style-type: none">Results: remove the DV_PD, DV_CURRENT, DV_PREVIOUS, DV_SCR /DV_PREV_RANK, DV_SCR /DV_PREV_ERANK , DV_SCR /DV_AVR_H, DV_SCR /DV_AVR from PiT results because that information are only for real time; remove the reference to pending for disqualification (DV_PD) because a diver can DSQ but there is no 'Pending for DSQ' in the available status list from ORIS.Changes after the WNPA meeting (IR022): Update the trigger and frequency for Start List, Results, Event Final Ranking, Medallist, Config messages.
R2 v6.1	APP	<ul style="list-style-type: none">Defect 49701:<ul style="list-style-type: none">StartList: Add the UnitInfo as an optional element; Update the description for EO_DV/DV_INDEX to include the alternate judgeConfig: Remove the references to ExtendedConfigItemParticipant: Remove the references to EventEntry
R2 v7.0	APP	<ul style="list-style-type: none">IR101: Add DT_SERIAL message in the PiT messagesCR6354:<ul style="list-style-type: none">The StartOrder attribute should be M/O in DT_START_LIST message.Codes: Remove the @MainFunction for PARTICIPANT message in the CC @FunctionDefect 52129:<ul style="list-style-type: none">Codes add the following text at the end of the CC@Function for resultsRT Result: update the trigger for ER_RESULTS /DV_DIVE with "When all judges scores are available"
R2 v7.1	APP	<ul style="list-style-type: none">Defect 53373: RT Results: Add T4 for ER_RESULTS /DV_SCR
R2 v7.2	APP	<ul style="list-style-type: none">Defect 71825:<ul style="list-style-type: none">Code: Add the codes J6 and J7 for the CC@Function of individuals final events.Start List: Clarification for @function
R2 v8.0	APP	<ul style="list-style-type: none">CR10351:<ul style="list-style-type: none">Clarified in the Start List message there is only one panel of judges for the semifinals in an individual event.Defect 72031: Clarification for the Judge's order for preliminaries of the individual events.



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