Mason Manifest IEA42

XML Guide

Version 1.0

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Version control		
Version	**Date**	**Change**
1.0	**01-06-2023**	**Initial version.**

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The aim of this document

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The aim of this document is to give an in-depth description of the different fields and data elements contained in the XSD-file for Manifest IEA42.

The document is structured after the Manifest-specific data fields of IEA42:

- **IEA42 XML Guide**: This section describes the fields that constitute an IEA42 message. The description includes information on whether fields are mandatory, optional, or conditionally mandatory.

- **Complete XML Examples:** This section contains a complete example of the XML code in IEA42.

Under each data element in the table, you will find a detailed description of the data field, including whether the field is mandatory or optional, which rules to adhere to depending on the scenario, as well as XML-examples for context. Sub elements that themselves have other sub elements nested under them have their own independent tables.

Glossary

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To make the document shorter and easier to read, some abbreviations are used. Here is a list of the abbreviations used in this document.

Abbreviation	Description	Details
M	Mandatory	The field is mandatory to declare.
O	Optional	The field is optional to declare or should only be declared if relevant information is available. If the number of times it can occur is not specified, it can only occur once.
MC	Conditionally Mandatory	The information is mandatory depending on other information given in the declaration, e.g., type of declaration or commodity code.
A	Added	The field has been added since the last release.
C	Changed	The field has been changed.
XSD	XML Schema Definition	A document that specifies how to formally describe the elements in an Extensible Markup Language (XML) document. This description can be used to verify that each item of content in a document adheres to the description of the element in which the content is to be placed.
XML	Extensible Markup Language	A simple text-based format for representing structured information, storing, and sending data. This is the file format used to send declarations to DMS.
N/A	Not Applicable	The information does not apply to the given element.

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Message sender	**Format:**	**Mandatory?**	**Change/Added?**
	an..35	M	A
XSD/XML-name:	**XSD-path**		**XML tag**
MesSenMES3	IEA42/MesSenMES3		MesSenMES3
Description:			
Rules/codes/other relevant information:			
XML-examples:			
<MesSenMES3>!</MesSenMES3>			

Message recipient	**Format:**	**Mandatory?**	**Change/Added?**
	an..35	M	A
XSD/XML-name:	**XSD-path**	**XML tag**	
MesRecMES6	IEA42/MesRecMES6	MesRecMES6	
Description:			
Rules/codes/other relevant information:			
XML-examples:			
<MesRecMES6>!</MesRecMES6>			

Date of preparation	**Format:**	**Mandatory?**	**Change/Added?**
	n6	M	A
XSD/XML-name:	**XSD-path**	**XML tag**	
DatOfPreMES9	IEA42/DatOfPreMES9	DatOfPreMES9	
Description:			
Rules/codes/other relevant information:			
XML-examples:			
<DatOfPreMES9>000101</DatOfPreMES9>			

Time of preparation	Format:	Mandatory?	Change/Added?
	n4	M	A
XSD/XML-name:	**XSD-path**		**XML tag**
TimOfPreMES10	IEA42/TimOfPreMES10		TimOfPreMES10
Description:			
Rules/codes/other relevant information:			
XML-examples:			
<TimOfPreMES10>0000</TimOfPreMES10>			

Priority	**Format:**	**Mandatory?**	**Change/Added?**
	a1	O	A
XSD/XML-name:	**XSD-path**		**XML tag**
PriMES15	IEA42/PriMES15		PriMES15
Description:			
Rules/codes/other relevant information:			
XML-examples:			
<PriMES15>A</PriMES15>			

Test indicator	Format:	Mandatory?	Change/Added?
	n1	O	A
XSD/XML-name:	**XSD-path**		**XML tag**
DKA42A/TesIndMES18	IEA42/TesIndMES18		TesIndMES18
Description:			
Rules/codes/other relevant information:			
Codelist: 27 **Rules and conditions:** TR9085			
XML-examples:			
<TesIndMES18>0</TesIndMES18>			

Message identification	**Format:**	**Mandatory?**	**Change/Added?**
	an..14	M	A
XSD/XML-name:	**XSD-path**		**XML tag**
MesIdeMES19	IEA42/MesIdeMES19		MesIdeMES19
Sub elements	**Format**	**Mandatory?**	**Changed/Added?**
Message identification	an..14	M	A
Description:			
Rules/codes/other relevant information:			
XML-examples:			
<MesIdeMES19>!</MesIdeMES19>			

Message type	Format:	Mandatory?	Change/Added?	
	an6	M	A	
XSD/XML-name:		**XSD-path**		**XML tag**
DKA42A/MesTypMES20		IEA42/MesTypMES20		MesTypMES20
Description:				
Rules/codes/other relevant information:				
XML-examples:				
<MesTypMES20>DKD88A</MesTypMES20>				

Correlation identifier	Format:	Mandatory?	Change/Added?	
	an..14	MC	A	
XSD/XML-name:	**XSD-path**		**XML tag**	
CorIdeMES25	IEA42/CorIdeMES25		CorIdeMES25	
Description:				
Rules/codes/other relevant information:				
XML-examples:				
<CorIdeMES25>!</CorIdeMES25>				

Header	**Format:**	**Mandatory?**	**Change/Added?**	
	N/A	M	A	

XSD/XML-name:	**XSD-path**		**XML tag**	
HEAHEA	IEA42/HEAHEA		HEAHEA	
Sub elements	**Format**	**Mandatory?**	**Changed/Added?**	
LRN	an..22	O	A	
Manifest Reference Number	n13	O	A	
Declaration registration date and time	n12	O	A	
Declaration status code	an2	O	A	
Message Detail	N/A	O	A	

Description:

Rules/codes/other relevant information:
LRN: XML tag: LRNNumHEA **Manifest Reference Number:** XML tag: ManRefNumHEA1 **Declaration registration date and time:** XML tag: RegDatTimHEA125 **Declaration status code:** Codelist: DK16 XML tag: DecStaCodHEA **Message Detail:** Refer to table

XML-examples:

<HEAHEA>
  <LRNNumHEA>a</LRNNumHEA>
  <ManRefNumHEA1>0000000000000</ManRefNumHEA1>
  <RegDatTimHEA125>100001010000</RegDatTimHEA125>
  <DecStaCodHEA>!</DecStaCodHEA>
  <MESDET>
    <ResDatTimMDT>100001010000</ResDatTimMDT>
    <MesTypMDT>00</MesTypMDT>
    <MesReaCoMDT>!</MesReaCoMDT>
    <MesReaMDT>!</MesReaMDT>
  </MESDET>
</HEAHEA>

Message Detail	**Format:**	**Mandatory?**	**Change/Added?**
	N/A	O	A
XSD/XML-name:	**XSD-path**		**XML tag**
MESDET	IEA42/HEAHEA/MESDET		MESDET
Sub elements	**Format**	**Mandatory?**	**Changed/Added?**
Response date and time	n12	M	A
Message type	n2	M	A
Message reason code	an..6	M	A
Message reason	an..350	M	A
Description:			
This field is optional and can occur 0 to 999 times.			
Rules/codes/other relevant information:			

Response date and time:
XML tag: ResDatTimMDT

Message type:
Codelist: DK17
XML tag: MesTypMDT

Message reason code:
Codelist: DK18
XML tag: MesReaCoMDT

Message reason:
XML tag: MesReaMDT

XML-examples:

```
<MESDET>
 <ResDatTimMDT>100001010000</ResDatTimMDT>
 <MesTypMDT>00</MesTypMDT>
 <MesReaCoMDT>!</MesReaCoMDT>
 <MesReaMDT>!</MesReaMDT>
</MESDET>
```

Person lodging the arrival declaration	Format: N/A	Mandatory? M	Change/Added? A
XSD/XML-name:	**XSD-path**		**XML tag**
personLodgingTheArrivalDeclaration	IEA42/personLodgingTheArrivalDeclaration		PERLODARRDEC
Sub elements	**Format**	**Mandatory?**	**Changed/Added?**
Name	an..35	O	A
TIN	an..17	M	A
Representative status:	n1	M	A
Description:			
Rules/codes/other relevant information:			
Name: XML tag: NamPLA **TIN:** XML tag: TINPLA **Representative status:** Codelist: DK19 XML tag: RepStaPLA			
XML-examples:			
<PERLODARRDEC> *<NamPLA>!</NamPLA>* *<TINPLA>AA </TINPLA>* *<RepStaPLA>0</RepStaPLA>* *</PERLODARRDEC>*			

Complete XML-Examples

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IEA42 Complete Example:

```
<ie:DKA42A xmlns:ie="http://manifest.skat.dk/DKA42A" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLoca-
tion="http://manifest.skat.dk/DKA42A DKA42A.xsd">
  <MesSenMES3>!</MesSenMES3>
  <MesRecMES6>!</MesRecMES6>
  <DatOfPreMES9>000101</DatOfPreMES9>
  <TimOfPreMES10>0000</TimOfPreMES10>
  <PriMES15>A</PriMES15>
  <TesIndMES18>0</TesIndMES18>
  <MesIdeMES19>!</MesIdeMES19>
  <MesTypMES20>DKA42A</MesTypMES20>
  <CorIdeMES25>!</CorIdeMES25>
  <HEAHEA>
   <LRNNumHEA>a</LRNNumHEA>
   <ManRefNumHEA1>0000000000000</ManRefNumHEA1>
   <RegDatTimHEA125>100001010000</RegDatTimHEA125>
   <DecStaCodHEA>!</DecStaCodHEA>
   <MESDET>
     <ResDatTimMDT>100001010000</ResDatTimMDT>
     <MesTypMDT>00</MesTypMDT>
     <MesReaCoMDT>!</MesReaCoMDT>
     <MesReaMDT>!</MesReaMDT>
   </MESDET>
  </HEAHEA>
  <PERLODARRDEC>
   <NamPLA>!</NamPLA>
   <TINPLA>AA </TINPLA>
   <RepStaPLA>0</RepStaPLA>
  </PERLODARRDEC>
</ie:DKA42A>
```

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