

eTIR web services - Messages E5-E6

E5 - Query guarantee / E6 - Query results



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1. Document revision note



This document has been published on **07/06/2022**, and is valid for the **eTIR international system version 1.0** based on the **eTIR specifications version 4.3.8**.

Please ensure you get the latest version of this document from the [eTIR documentation portal](#) or contact the eTIR service desk ([Support and contact](#)).

2. Related documents

Project documents and collaboration platform

- eTIR documentation portal: <https://etir.org/documentation>
- Project guidelines for customs to connect to the eTIR international system : <https://etir.org/documentation/project-guidelines-customs>
- eTIR web services - Introduction document: <https://etir.org/documentation/introduction>
- eTIR web services - Messages I1-I2: I1 - Accept guarantee / I2 - Acceptance results <https://etir.org/documentation/i1-i2>
- eTIR web services - Messages I3-I4: I3 - Get holder information / I4 - Holder information <https://etir.org/documentation/i3-i4>
- eTIR web services - Messages I5-I6: I5 - Query guarantee / I6 - Query results <https://etir.org/documentation/i5-i6>
- eTIR web services - Messages I7-I8: I7 - Record declaration data / I8 - Record declaration data results <https://etir.org/documentation/i7-i8>
- eTIR web services - Messages I9-I10: I9 - Start TIR operation / I10 - Start results <https://etir.org/documentation/i9-i10>
- eTIR web services - Messages I11-I12: I11 - Terminate TIR operation / I12 - Termination results <https://etir.org/documentation/i11-i12>
- eTIR web services - Messages I13-I14: I13 - Discharge TIR operation / I14 - Discharge results <https://etir.org/documentation/i13-i14>
- eTIR web services - Messages I15-I16: I15 - Notify customs / I16 - Notification confirmation <https://etir.org/documentation/i15-i16>
- eTIR web services - Messages I17-I18: I17 - Refusal to start TIR operation / I18 - Refusal results <https://etir.org/documentation/i17-i18>
- eTIR web services - Messages I19-I20: I19 - Check customs offices / I20 - Customs offices validation <https://etir.org/documentation/i19-i20>
- eTIR web services - Messages E1-E2: E1 - Register guarantee / E2 - Registration results <https://etir.org/documentation/e1-e2>
- eTIR web services - Messages E3-E4: E3 - Cancel guarantee / E4 - Cancellation results <https://etir.org/documentation/e3-e4>
- eTIR web services - Messages E7-E8: E7 - Notify guarantee chain / E8 - Notification confirmation <https://etir.org/documentation/e7-e8>
- eTIR web services - Messages E9-E10: E9 - Advance TIR data / E10 - Advance TIR data results <https://etir.org/documentation/e9-e10>
- eTIR web services - Messages E11-E12: E11 - Advance amendment data / E12 - Advance amendment data results <https://etir.org/documentation/e11-e12>

- eTIR web services - Messages E13-E14: E13 - Cancel advance data / E14 - Cancel advance data results <https://etir.org/documentation/e13-e14>

Legal framework

- TIR Convention handbook: <https://etir.org/documentation/tir-handbook>
- Annex 11 to the TIR Convention: <https://etir.org/documentation/annex-11>

eTIR specifications

- Introduction to the eTIR conceptual, functional and technical v4.3: <https://etir.org/etir-introduction>
- eTIR concepts v4.3: <https://etir.org/etir-concepts>
- eTIR functional specifications v4.3: <https://etir.org/etir-functional-specifications>
- eTIR technical specifications v4.3: <https://etir.org/etir-technical-specifications>

Additional resources

- eTIR XML schemas: <https://etir.org/documentation/xsd-files>
- eTIR code lists: <https://etir.org/documentation/code-lists>
- List of eTIR focal points: <https://unece.org/list-etir-focal-points>

3. Purpose

This document describes the **E5 - Query guarantee** request message, and the **E6 - Query results** response message of the eTIR international system web services. It provides all the specifics required to use them (prepare or receive), explains how and when they should be used and explains the error codes that may be returned. It also contains examples and fallback procedures, if applicable.

4. Target audience

This guide is intended for the ICT teams of the guarantee chains in charge of interconnecting their guarantee chain systems to the eTIR international system.

5. Prerequisites



In order to ensure an implementation that delivers the best value and services to the guarantee chains, we recommend the ICT team in charge of establishing the connection to the eTIR international system web services to be accompanied by a subject-matter expert on the TIR Convention.

This document is to be read after having an understanding of the [eTIR concepts](#) and having read the [eTIR functional specifications](#) as well as the [eTIR web services introduction document](#). It is highly recommended keeping the eTIR web services introduction document at hand as this document refers to many elements and diagrams that will be necessary and referred to when reading this document.

From a technical perspective, the following steps should have been completed at this point:

- the secured connection to one of the User Acceptance Testing (UAT) environments of the eTIR international system is established;
- the endpoint URL to the UAT environment is clearly identified and properly configured on the client

side;

- all the tools required to connect, test and troubleshoot the messages are ready;
- eTIR web services - Messages E1-E2 should have been implemented and tested.



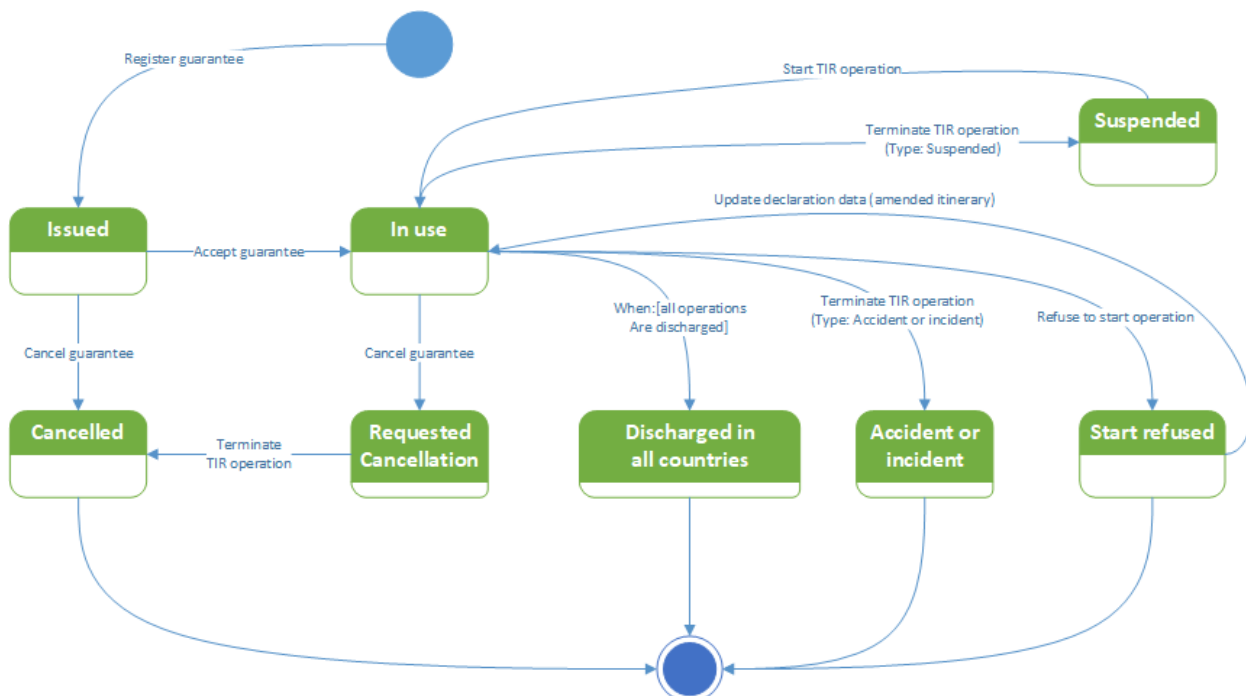
All eTIR messages are identified and belong to a flow described in the [eTIR web services introduction document](#) (see dedicated section). It is key to respect this sequencing else the eTIR international system will return errors due to invalid sequencing of the message as described in the [dedicated eTIR error code web page](#).

6. "E5 - Query guarantee" / "E6 - Query results" messages

6.1. Message context

The **E5 - Query guarantee** and the **E6 - Query results** form the **Query mechanism** available for the guarantee chains to use in order to retrieve information recorded in the eTIR international system regarding one of their guarantees, and related TIR transport and TIR operations. The guarantee chain can choose to retrieve more or less information in the **E6 - Query results** message depending on the parameters of the **E5 - Query guarantee** message.

Guarantee chains can only retrieve information about guarantees they have registered. As the guarantee can have different statuses, it is important to understand its life cycle and the figure below outlines them. For more information please refer to the [eTIR specification section dedicated to the guarantee](#).



6.1.1. Message prerequisites

In order for this message to be properly interpreted by the eTIR international system, the following message(s) should have been exchanged before this one:

- **E1 - Register guarantee** and **E2 - Registration results** (between the guarantee chain system and the eTIR international system): the guarantee chain will register in the eTIR international system the guarantee with a specific TIR Carnet holder.

6.1.2. Endpoint URL and SOAP Action

The URL of the endpoint to use when sending the E5 - Query guarantee request message is: <https://etir-uat-01.unece.org/etir/v4.3/guaranteeChain>

Also note that the WSDL can be accessed at the following URL: <https://etir-uat-01.unece.org/etir/v4.3/guaranteeChain?wsdl>

The SOAP action value to use is: **queryGuarantee** (so the WS-Addressing element should be set to <http://etir.org/v4.3:guaranteeChain/queryGuarantee>)

6.2. "E5 - Query guarantee" request message

6.2.1. Description

The guarantee chain system sends the **E5 - Query guarantee** request message to the eTIR international system querying about a guarantee and its related TIR transport and TIR operations. The level of details of the E6 - Query results response message depends on the value of the "Reply type, coded" field.

The XSD file related to the **E5 - Query guarantee** message is available at the following URL: https://wiki.unece.org/download/attachments/106299941/WCO_eTIR_E5_1.xsd.

6.2.2. Field details



Kindly note that the metadata fields have been removed from this table to improve the readability, as it is part of every eTIR message. You can find the details about these metadata fields in section 9.4 of the [eTIR introduction document](#).

eTIR field name	Mapping to the XML element (XPath)	Status	Cardinality	Format	Code lists	Conditions	Rules
MESSAGE			..				R016
└ Message function, coded	Function	R	1..1	n..2	CL16		
└ Message identifier	ID	R	1..1	an..70			
└ Type, coded	TypeCode	R	1..1	an..3	CL26		
└ Reply type, coded	ReplyTypeCode	R	1..1	an..3	CL09		
└ GUARANTEE	ObligationGuarantee	R	1..1				
└ Reference	ObligationGuarantee/ReferenceID	R	1..1	an..35			

6.2.3. Field descriptions & usages



Kindly note that the metadata fields have been removed from this table to improve the readability, as it is part of every eTIR message. You can find the details about these metadata fields in section 9.4 of the [eTIR introduction document](#).

eTIR field name	Mapping to the XML element (XPath)	Description	Usage
MESSAGE		Class representing the declaration data as accepted by customs	
└ Message function, coded	Function	Code describing the function of the message	The value should be set to '9' (Original)

eTIR field name	Mapping to the XML element (XPath)	Description	Usage
└ Message identifier	ID	Unique identifier of the message	The value should be a Globally Unique Identifier (GUID) as detailed in the dedicated section of the introduction document
└ Type, coded	TypeCode	Code of the message type	The value should be set to 'E5'
└ Reply type, coded	ReplyTypeCode	Code used to specify the expected contents of the reply	The value should be the code of the type of reply from the Reply type (eTIR) code list
└ GUARANTEE	ObligationGuarantee	Class representing the guarantee of this TIR transport	
└ Reference	ObligationGuarantee/ReferenceID	Unique identifier of the guarantee	The value should be the unique identifier of the guarantee for this TIR transport



When reading the values of the second columns for both tables, note that the "LPCO/" XML base element has been removed to improve the readability, as it is repeated on every line.

6.2.4. Referred code lists

The following code lists are referred to in the field lists and should be considered when sending the message:

- [CL09](#) - Reply type code (eTIR)
- [CL16](#) - Message function code (UN/EDIFACT 1225)
- [CL26](#) - Message types (eTIR)



All code lists are described in the [eTIR code lists document](#).

6.2.5. Conditions and rules

The following rules of the [eTIR rules list](#) are referred to in the field lists and should be considered in the message:

- **R016:** *Guarantee chains are only allowed to query information about guarantees they have registered.*

6.2.6. Example

The example below shows the XML data to be sent via POST method to the eTIR international system [endpoint URL](#) by the guarantee chain system to query all the information (Reply Type Code **00 - Return all information regarding guarantee (default)**) related to the guarantee **XF95001234**.



This example is provided for the sole illustration of what a typical message would be. It should not be used "as is" in the context of the Interconnection projects but should rather be adapted to match the data sets put at your disposal. It is important to note that the eTIR international system will verify that the requesting Contracting Party is part of the itinerary and will return an error otherwise.

E5 - Query guarantee request message

```
<?xml version="1.0" encoding="UTF-8"?>
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
  xmlns:guar="http://etir.org/v4.3/guaranteeChain"
  xmlns:md="http://etir.org/v4.3/DocumentMetaData"
  xmlns:urn="http://etir.org/v4.3/E5">
  <soap:Header xmlns:wsa="http://www.w3.org/2005/08/addressing">
    (...)
    <wsa:Action>http://etir.org/v4.3/guaranteeChain/queryGuarantee</wsa:Action>
    <wsa:MessageID>uuid:343da525-458e-4f11-a816-ebefc61e004b</wsa:MessageID>
    (...)
  </soap:Header>
  <soap:Body xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
    wsu:Id="id-4e410947-cb26-4856-92be-e853433a4783">
    <guar:queryGuarantee>
      <urn:DocumentMetadata>
        <md:ResponsibleAgencyCode>AJ</md:ResponsibleAgencyCode>
        <md:AgencyAssignedCustomizationCode>1</md:AgencyAssignedCustomizationCode>
        <md:AgencyAssignedCustomizationVersionCode>1</md:AgencyAssignedCustomizationVersionCode>
        <md:CommunicationMetaData>
          <md:PreparationDateTime formatCode="208">20201122113346+0200</md:PreparationDateTime>
          <md:Recipient>
            <md:ID>eTIR international system</md:ID>
          </md:Recipient>
          <md:Sender>
            <md:ID>senderID</md:ID>
          </md:Sender>
        </md:CommunicationMetaData>
      </urn:DocumentMetadata>
      <urn:LPCO>
        <urn:Function>9</urn:Function>
        <urn:ID>74043437-d6ab-4a79-9bd5-f1f2a8ecc1e2</urn:ID>
        <urn:TypeCode>E5</urn:TypeCode>
        <urn:ReplyTypeCode>00</urn:ReplyTypeCode>
        <urn:ObligationGuarantee>
          <urn:ReferenceID>XF95001234</urn:ReferenceID>
        </urn:ObligationGuarantee>
      </urn:LPCO>
    </urn:DocumentMetadata>
  </guar:queryGuarantee>
</soap:Body>
</soap:Envelope>
```



Some field original contents have been shortened (...) in this document for the sake of readability, in particular the whole **header/security** content that is described in the [eTIR web services introduction document](#).



More examples of the E5 - Query guarantee request message and of the E6 - Query results response message are available in the [More examples](#) annex of this document.

6.3. "E6 - Query results" response message

6.3.1. Description

The eTIR international system returns the **E6 - Query results** response message to the guarantee chain system to provide the information requested about a guarantee and its related TIR transport.

The XSD file related to the **E6 - Query results** message is available at the following URL: https://wiki.unece.org/download/attachments/106299941/WCO_eTIR_E6_1.xsd.

6.3.2. Field details



Kindly note that the metadata fields have been removed from this table to improve the readability, as it is part of every eTIR message. You can find the details about these metadata fields in section 9.4 of the [eTIR introduction document](#).

eTIR field name	Mapping to the XML element (XPath)	Status	Cardinality	Format	Code lists	Conditions	Rules
MESSAGE							
└ Message function, coded	Function	R	1..1	n..2	CL16		
└ Original Message Identifier	FunctionalReferenceID	R	1..1	an..70			
└ Message identifier	ID	R	1..1	an..70			
└ Type, coded	TypeCode	R	1..1	an..3	CL26		
└ ERROR	Error	D	0..*			C006	
└ └ Error, coded	Error/ValidationCode	R	1..1	an..8	CL99		
└ └ POINTER	Error/Pointer	R	1..*				
└ └ └ Sequence number	Error/Pointer/SequenceNumeric	R	1..1	n..5			
└ └ └ Location	Error/Pointer/Location	R	1..1	an..512			
└ LPCO	LPCO	R	1..1				
└ └ GUARANTEE	LPCO/ObligationGuarantee	R	1..1				
└ └ └ Acceptance date time	LPCO/ObligationGuarantee/AcceptanceDateTime	O	0..1	an..35			
└ └ └ Cancellation date time	LPCO/ObligationGuarantee/CancellationDateTime	O	0..1	an..35			
└ └ └ Validity date	LPCO/ObligationGuarantee/ExpirationDateTime	R	1..1	an..35			
└ └ └ Issuing date time	LPCO/ObligationGuarantee/IssueDateTime	R	1..1	an..35			
└ └ └ Status, coded	LPCO/ObligationGuarantee/StatusCode	R	1..1	an..3	CL22		
└ └ └ Reference	LPCO/ObligationGuarantee/ReferenceID	R	1..1	an..35			

eTIR field name	Mapping to the XML element (XPath)	Status	Cardinality	Format	Code lists	Conditions	Rules
└ Guarantee type, coded	LPCO/ObligationGuarantee/SecurityDetailsCode	R	1..1	an..3	CL12		
└─ DECLARATIONDATA	LPCO/ObligationGuarantee/Declaration	O	0..*				
└ └ Issuing date time	LPCO/ObligationGuarantee/Declaration/IssueDateTime	R	1..1	an..35			
└ └ Total gross weight	LPCO/ObligationGuarantee/Declaration/TotalGrossMassMeasure	O	0..1	n..16,6			
└ └─ ADDITIONALINFORMATION	LPCO/ObligationGuarantee/Declaration/AdditionalInformation	O	0..1				
└ └ └ Remarks	LPCO/ObligationGuarantee/Declaration/AdditionalInformation/Content	R	1..1	an..512			
└ └─ AGENT	LPCO/ObligationGuarantee/Declaration/Agent	O	0..1				
└ └ └ Name	LPCO/ObligationGuarantee/Declaration/Agent/Name	O	0..1	an..70			
└ └ └ Identifier	LPCO/ObligationGuarantee/Declaration/Agent/ID	O	0..1	an..35			
└ └ └ Role, coded	LPCO/ObligationGuarantee/Declaration/Agent/RoleCode	R	1..1	an..3	CL02		
└ └ └─ ADDRESS	LPCO/ObligationGuarantee/Declaration/Agent/Address	D	0..1			C001	
└ └ └ └ City name	LPCO/ObligationGuarantee/Declaration/Agent/Address/CityName	R	1..1	an..35			
└ └ └ └ Country, coded	LPCO/ObligationGuarantee/Declaration/Agent/Address/CountryCode	R	1..1	a2	CL04		
└ └ └ └ Street and number/P.O. Box	LPCO/ObligationGuarantee/Declaration/Agent/Address/Line	R	1..1	an..256			
└ └ └ └─ Postcode identification	LPCO/ObligationGuarantee/Declaration/Agent/Address/PostcodeID	O	0..1	an..17			
└ └─ AMENDMENT	LPCO/ObligationGuarantee/Declaration/Amendment	O	0..*				
└ └ └ Type, coded	LPCO/ObligationGuarantee/Declaration/Amendment/ChangeReasonCode	R	1..1	an..3	CL17		
└ └ └─ POINTER	LPCO/ObligationGuarantee/Declaration/Amendment/Pointer	R	1..1				
└ └ └ └ Sequence number	LPCO/ObligationGuarantee/Declaration/Amendment/Pointer/SequenceNumeric	R	1..1	n..5			
└ └ └ └ Location	LPCO/ObligationGuarantee/Declaration/Amendment/Pointer/Location	R	1..1	an..512			
└ └─ SUBCONTRACTOR	LPCO/ObligationGuarantee/Declaration/Carrier	O	0..*				
└ └ └ Name	LPCO/ObligationGuarantee/Declaration/Carrier/Name	D	0..1	an..70		C001	
└ └ └ Identifier	LPCO/ObligationGuarantee/Declaration/Carrier/ID	D	0..1	an..35		C001	
└ └ └─ ADDRESS	LPCO/ObligationGuarantee/Declaration/Carrier/Address	D	0..1			C001	
└ └ └ └ City name	LPCO/ObligationGuarantee/Declaration/Carrier/Address/CityName	R	1..1	an..35			

eTIR field name	Mapping to the XML element (XPath)	Status	Cardinality	Format	Code lists	Conditions	Rules
Country, coded	LPCO/ObligationGuarantee/Declaration/Carrier/Address/CountryCode	R	1..1	a2	CL04		
Street and number/P.O. Box	LPCO/ObligationGuarantee/Declaration/Carrier/Address/Line	R	1..1	an..256			
Postcode identification	LPCO/ObligationGuarantee/Declaration/Carrier/Address/PostcodeID	O	0..1	an..17			
CONSIGNMENT	LPCO/ObligationGuarantee/Declaration/Consignment	O	0..*				
Container transport indicator	LPCO/ObligationGuarantee/Declaration/Consignment/ContainerCode	R	1..1	an..3			
Sequence number	LPCO/ObligationGuarantee/Declaration/Consignment/SequenceNumeric	R	1..1	n..5			
Heavy or bulky goods indicator	LPCO/ObligationGuarantee/Declaration/Consignment/HeavyOrBulkyGoodsIndicator	R	1..1				
ATTACHEDDOCUMENTS	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument	O	0..*				
Number	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/ID	R	1..1	an..70			
Issuing date time	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/IssueDateTime	R	1..1	an..35			
Type, coded	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/TypeCode	R	1..1	an..3	CL06		
BINARYFILE	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile	O	0..1				
Identification	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/ID	R	1..1	an..256			
Title	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/Title	R	1..1	an..256			
Author name	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/AuthorName	O	0..1	an..70			
Version	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/VersionID	O	0..1	an..17			
File name	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/FileNameText	O	0..1	an..256			
URI	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/URIID	O	0..1	an..2048			
MIME	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/MIMECode	O	0..1	an..70			

eTIR field name	Mapping to the XML element (XPath)	Status	Cardinality	Format	Code lists	Conditions	Rules
Encoding	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/EncodingCode	O	0..1	an..17			
Character set	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/CharacterSetCode	O	0..1	n..17			
Include binary object	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/IncludedBinaryObjectBinaryObject	O	0..1	N/A			
Access	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/Access	O	0..1	an..256			
Description	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/Description	O	0..1	an..256			
Size	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/SizeMeasure	O	0..1	n..16,6			
Hash code	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/HashCode	O	0..1	an..256			
Hash code algorithm id	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/HashCodeAlgorithmIDCode	O	0..1	an..6			
CONSIGNMENTITEM	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem	R	1..*				
Sequence number	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/SequenceNumeric	R	1..1	n..5			
ADDITIONALINFORMATION	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/AdditionalInformation	O	0..*				
Remarks	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/AdditionalInformation/Content	R	1..1	an..512			
GOODS	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Commodity	R	1..1				
Description	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Commodity/CargoDescription	D	0..1	an..256		C004	
CLASSIFICATION	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Commodity/Classification	O	0..*				R008
Code	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Commodity/Classification/ID	R	1..1	an..18			
Type, coded	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Commodity/Classification/IdentificationTypeCode	R	1..1	an..3			
CONSIGNEE	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignee	O	0..1				

eTIR field name	Mapping to the XML element (XPath)	Status	Cardinality	Format	Code lists	Conditions	Rules
Box ⊢ Name	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignee/Name	D	0..1	an..70		C001	
⊢ Identifier	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignee/ID	D	0..1	an..35		C001	
⊢ ADDRESS	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignee/Address	D	0..1			C001	
⊢ City name	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignee/Address/CityName	R	1..1	an..35			
⊢ Country, coded	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignee/Address/CountryCode	R	1..1	a2	CL04		
⊢ Street and number/P.O.	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignee/Address/Line	R	1..1	an..256			
⊢ Postcode identification	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignee/Address/PostcodeID	O	0..1	an..17			
⊢ CONSIGNOR	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignor	O	0..1				
⊢ Name	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignor/Name	D	0..1	an..70		C001	
⊢ Identifier	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignor/ID	D	0..1	an..35		C001	
⊢ ADDRESS	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignor/Address	D	0..1			C001	
⊢ City name	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignor/Address/CityName	R	1..1	an..35			
⊢ Country, coded	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignor/Address/CountryCode	R	1..1	a2	CL04		
⊢ Street and number/P.O.	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignor/Address/Line	R	1..1	an..256			
⊢ Postcode identification	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignor/Address/PostcodeID	O	0..1	an..17			
⊢ DELIVERYDESTINATION	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/DeliveryDestination	O	0..1				
⊢ Name	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/DeliveryDestination/Name	R	1..1	an..70			
⊢ ADDRESS	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/DeliveryDestination/Address	R	1..1				
⊢ City name	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/DeliveryDestination/Address/CityName	R	1..1	an..35			

eTIR field name	Mapping to the XML element (XPath)	Status	Cardinality	Format	Code lists	Conditions	Rules
Box	⊢ Country, coded	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/DeliveryDestination/Address/CountryCode	R	1..1	a2	CL04	
	⊢ Street and number/P.O.	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/DeliveryDestination/Address/Line	R	1..1	an..256		
	⊢ Postcode identification	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/DeliveryDestination/Address/PostcodeID	O	0..1	an..17		
	⊢ GOODSMEASURE	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/GoodsMeasure	R	1..1			
	⊢ Gross weight	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/GoodsMeasure/GrossMassMeasure	R	1..1	n..16,6		
	⊢ PACKAGING	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Packaging	R	1..*			
	⊢ Sequence number	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Packaging/SequenceNumeric	R	1..1	n..5		
	⊢ Marks and numbers	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Packaging/MarksNumbersID	D	0..1	an..512		C002
	⊢ Number of packages	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Packaging/QuantityQuantity	D	0..1	n..8		C002
	⊢ Type, coded	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Packaging/TypeCode	R	1..1	an..2		
	⊢ TRANSPORTEQUIPMENT	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/TransportEquipment	D	0..1			C003
	⊢ Identifier	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/TransportEquipment/ID	R	1..1	an..17		
	⊢ UCR	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/UCR	O	0..1			
	⊢ Identifier	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/UCR/ID	R	1..1	an..35		
	⊢ LOADINGLOCATION	LPCO/ObligationGuarantee/Declaration/Consignment/LoadingLocation	O	0..1			
	⊢ Name	LPCO/ObligationGuarantee/Declaration/Consignment/LoadingLocation/Name	R	1..1	an..256		
	⊢ NOTIFYPARTY	LPCO/ObligationGuarantee/Declaration/Consignment/NotifyParty	O	0..1			
	⊢ Name	LPCO/ObligationGuarantee/Declaration/Consignment/NotifyParty/Name	D	0..1	an..70		C001
	⊢ Identifier	LPCO/ObligationGuarantee/Declaration/Consignment/NotifyParty/ID	D	0..1	an..35		C001

eTIR field name	Mapping to the XML element (XPath)	Status	Cardinality	Format	Code lists	Conditions	Rules
ADDRESS	LPCO/ObligationGuarantee/Declaration/Consignment/NotifyParty/Address	D	0..1			C001	
City name	LPCO/ObligationGuarantee/Declaration/Consignment/NotifyParty/Address/CityName	R	1..1	an..35			
Country, coded	LPCO/ObligationGuarantee/Declaration/Consignment/NotifyParty/Address/CountryCode	R	1..1	a2	CL04		
Street and number/P.O. Box	LPCO/ObligationGuarantee/Declaration/Consignment/NotifyParty/Address/Line	R	1..1	an..256			
Postcode identification	LPCO/ObligationGuarantee/Declaration/Consignment/NotifyParty/Address/PostcodeID	O	0..1	an..17			
CUSTOMSOFFICEOFDEPARTURE	LPCO/ObligationGuarantee/Declaration/Consignment/TransitDeparture	R	1..1				
Identifier	LPCO/ObligationGuarantee/Declaration/Consignment/TransitDeparture/ID	R	1..1	an..35			
CUSTOMSOFFICEOFDESTINATION	LPCO/ObligationGuarantee/Declaration/Consignment/TransitDestination	R	1..1				
Identifier	LPCO/ObligationGuarantee/Declaration/Consignment/TransitDestination/ID	R	1..1	an..35			
TRANSPORTMEANS	LPCO/ObligationGuarantee/Declaration/Consignment/TransitTransportMeans	R	1..*				R002
Identifier	LPCO/ObligationGuarantee/Declaration/Consignment/TransitTransportMeans/ID	R	1..1	an..25			
Type, coded	LPCO/ObligationGuarantee/Declaration/Consignment/TransitTransportMeans/TypeCode	R	1..1	an..4	CL05		
Nationality, coded	LPCO/ObligationGuarantee/Declaration/Consignment/TransitTransportMeans/RegistrationNationalityCode	R	1..1	a2	CL04		
Conveyance reference number	LPCO/ObligationGuarantee/Declaration/Consignment/TransitTransportMeans/JourneyID	O	0..1	an..17			
Sequence number	LPCO/ObligationGuarantee/Declaration/Consignment/TransitTransportMeans/SequenceNumeric	R	1..1	n..5			
ITINERARY	LPCO/ObligationGuarantee/Declaration/Consignment/TransitTransportMeans/Itinerary	R	1..*				R001
Sequence number	LPCO/ObligationGuarantee/Declaration/Consignment/TransitTransportMeans/Itinerary/SequenceNumeric	R	1..1	n..5			
Country, coded	LPCO/ObligationGuarantee/Declaration/Consignment/TransitTransportMeans/Itinerary/RoutingCountryCode	R	1..1	a2	CL04		
CUSTOMSOFFICE	LPCO/ObligationGuarantee/Declaration/Consignment/TransitTransportMeans/Itinerary/ItineraryGovernmentOffice	R	1..*				

eTIR field name	Mapping to the XML element (XPath)	Status	Cardinality	Format	Code lists	Conditions	Rules
⊢ Identifier	LPCO/ObligationGuarantee/Declaration/Consignment/TransitTransportMeans/Itinerary/ItineraryGovernmentOffice/ID	R	1..1	an..17			
⊢ Sequence number	LPCO/ObligationGuarantee/Declaration/Consignment/TransitTransportMeans/Itinerary/ItineraryGovernmentOffice/SequenceNumeric	R	1..1	n..5			
⊢ Role, coded	LPCO/ObligationGuarantee/Declaration/Consignment/TransitTransportMeans/Itinerary/ItineraryGovernmentOffice/RoleCode	R	1..1	an..3	CL31		
⊢ TRANSPORTEQUIPMENT	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment	D	0..*			C003	
⊢ Sequence number	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/SequenceNumeric	R	1..1	n..5			
⊢ Size and type, coded	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/CharacteristicCode	R	1..1	an..4	CL01		
⊢ Identifier	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/ID	R	1..1	an..17			
⊢ CERTIFICATEOFAPPROVAL	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument	D	0..1			C005	
⊢ Number	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/ID	R	1..1	an..70			
⊢ Issuing date time	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/IssueDateTime	R	1..1	an..35			
⊢ Type, coded	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/TypeCode	R	1..1	an..3	CL06		
⊢ BINARYFILE	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile	O	0..1				
⊢ Identification	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/ID	R	1..1	an..256			
⊢ Title	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/Title	R	1..1	an..256			
⊢ Author name	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/AuthorName	O	0..1	an..70			
⊢ Version	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/VersionID	O	0..1	an..17			
⊢ File name	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/FileNameText	O	0..1	an..256			
⊢ URI	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/URIID	O	0..1	an..2048			

eTIR field name	Mapping to the XML element (XPath)	Status	Cardinality	Format	Code lists	Conditions	Rules
⊢ MIME	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/MIMECode	O	0..1	an..70			
⊢ Encoding	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/EncodingCode	O	0..1	an..17			
⊢ Character set	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/CharacterSetCode	O	0..1	n..17			
⊢ Include binary object	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/IncludedBinaryObjectBinaryObject	O	0..1	N/A			
⊢ Access	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/Access	O	0..1	an..256			
⊢ Description	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/Description	O	0..1	an..256			
⊢ Size	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/SizeMeasure	O	0..1	n..16,6			
⊢ Hash code	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/HashCode	O	0..1	an..256			
⊢ Hash code algorithm id	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/HashCodeAlgorithmIDCode	O	0..1	an..6			
⊢ SEAL	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/Seal	O	0..*				
⊢ Sequence number	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/Seal/SequenceNumeric	R	1..1	n..5			R003, R004
⊢ Seal number	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/Seal/ID	R	1..1	an..35			R005
⊢ Seal type, coded	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/Seal/TypeCode	O	0..1	an..3	CL08		
⊢ GUARANTEE	LPCO/ObligationGuarantee/Declaration/DeclarationGuarantee	R	1..1				
⊢ Reference	LPCO/ObligationGuarantee/Declaration/DeclarationGuarantee/ReferenceID	R	1..1	an..35			
⊢ NATIONALREFERENCE	LPCO/ObligationGuarantee/Declaration/NationalReference	O	0..*				
⊢ Reference	LPCO/ObligationGuarantee/Declaration/NationalReference/ID	R	1..1	an..35			
⊢ Country, coded	LPCO/ObligationGuarantee/Declaration/NationalReference/IssuingCountryCode	R	1..1	a2	CL04		
⊢ HOLDER	LPCO/ObligationGuarantee/Declaration/Principal	O	0..1				

eTIR field name	Mapping to the XML element (XPath)	Status	Cardinality	Format	Code lists	Conditions	Rules
Name	LPCO/ObligationGuarantee/Declaration/Principal/Name	O	0..1	an..70			
Identifier	LPCO/ObligationGuarantee/Declaration/Principal/ID	R	1..1	an..35			
ADDRESS	LPCO/ObligationGuarantee/Declaration/Principal/Address	O	0..1				
City name	LPCO/ObligationGuarantee/Declaration/Principal/Address/CityName	R	1..1	an..35			
Country, coded	LPCO/ObligationGuarantee/Declaration/Principal/Address/CountryCode	R	1..1	a2	CL04		
Street and number/P.O. Box	LPCO/ObligationGuarantee/Declaration/Principal/Address/Line	R	1..1	an..256			
Postcode identification	LPCO/ObligationGuarantee/Declaration/Principal/Address/PostcodeID	O	0..1	an..17			
GUARANTEECHAIN	LPCO/ObligationGuarantee/Surety	R	1..1				
Code	LPCO/ObligationGuarantee/Surety/ID	R	1..1	an..35			
TIROPERATION	LPCO/ObligationGuarantee/TransitOperation	O	0..*				
Sequence number	LPCO/ObligationGuarantee/TransitOperation/SequenceNumeric	R	1..1	n..5			
Registration number	LPCO/ObligationGuarantee/TransitOperation/RegistrationID	R	1..1	an..35			
START	LPCO/ObligationGuarantee/TransitOperation/OperationStart	O	0..1				
End date time	LPCO/ObligationGuarantee/TransitOperation/OperationStart/InspectionEndTime	R	1..1	an..35			
Time limit date time	LPCO/ObligationGuarantee/TransitOperation/OperationStart/LimitDateTime	O	0..1	an..35			
ADDITIONALINFORMATION	LPCO/ObligationGuarantee/TransitOperation/OperationStart/AdditionalInformation	O	0..1				
Remarks	LPCO/ObligationGuarantee/TransitOperation/OperationStart/AdditionalInformation/Content	R	1..1	an..512			
CONSIGNMENT	LPCO/ObligationGuarantee/TransitOperation/OperationStart/Consignment	O	0..1				R007, R006
TRANSPORTEQUIPMENT	LPCO/ObligationGuarantee/TransitOperation/OperationStart/Consignment/TransportEquipment	R	1..*				
Identifier	LPCO/ObligationGuarantee/TransitOperation/OperationStart/Consignment/TransportEquipment/ID	R	1..1	an..17			
SEAL	LPCO/ObligationGuarantee/TransitOperation/OperationStart/Consignment/TransportEquipment/Seal	R	1..*				
Sequence number	LPCO/ObligationGuarantee/TransitOperation/OperationStart/Consignment/TransportEquipment/Seal/SequenceNumeric	R	1..1	n..5			R003, R004

eTIR field name	Mapping to the XML element (XPath)	Status	Cardinality	Format	Code lists	Conditions	Rules
⊢ Seal number	LPCO/ObligationGuarantee/TransitOperation/OperationStart/Consignment/TransportEquipment/Seal/ID	R	1..1	an..35			R005
⊣ Seal type, coded	LPCO/ObligationGuarantee/TransitOperation/OperationStart/Consignment/TransportEquipment/Seal/TypeCode	O	0..1	an..3	CL08		
⊢ CONTROL	LPCO/ObligationGuarantee/TransitOperation/OperationStart/Control	R	1..1				
⊢ Type, coded	LPCO/ObligationGuarantee/TransitOperation/OperationStart/Control/TypeCode	R	1..1	an..3	CL25		
⊣ CONTROLRESULT	LPCO/ObligationGuarantee/TransitOperation/OperationStart/Control/ControlResult	R	1..1				
⊣ Result, coded	LPCO/ObligationGuarantee/TransitOperation/OperationStart/Control/ControlResult/ID	R	1..1	an..3	CL24		
⊢ NATIONALITINERARY	LPCO/ObligationGuarantee/TransitOperation/OperationStart/Itinerary	O	0..1				
⊣ NATIONALITINERARYCUSTOMSOFFICE	LPCO/ObligationGuarantee/TransitOperation/OperationStart/Itinerary/ItineraryGovernmentOffice	R	1..1				
⊣ Identifier	LPCO/ObligationGuarantee/TransitOperation/OperationStart/Itinerary/ItineraryGovernmentOffice/ID	R	1..1	an..17			
⊣ CUSTOMSOFFICE	LPCO/ObligationGuarantee/TransitOperation/OperationStart/TransitOperationStartOffice	R	1..1				
⊣ Identifier	LPCO/ObligationGuarantee/TransitOperation/OperationStart/TransitOperationStartOffice/ID	R	1..1	an..17			
⊢ TERMINATION	LPCO/ObligationGuarantee/TransitOperation/OperationTermination	O	0..1				
⊢ End date time	LPCO/ObligationGuarantee/TransitOperation/OperationTermination/InspectionEndTime	R	1..1	an..35			
⊢ Number of packages	LPCO/ObligationGuarantee/TransitOperation/OperationTermination/PackageQuantityQuantity	R	1..1	n..8			
⊢ Termination type, coded	LPCO/ObligationGuarantee/TransitOperation/OperationTermination/TypeCode	R	1..1	an..3	CL27		
⊢ ADDITIONALINFORMATION	LPCO/ObligationGuarantee/TransitOperation/OperationTermination/AdditionalInformation	O	0..1				
⊣ Reservations	LPCO/ObligationGuarantee/TransitOperation/OperationTermination/AdditionalInformation/Content	R	1..1	an..512			
⊢ CONSIGNMENT	LPCO/ObligationGuarantee/TransitOperation/OperationTermination/Consignment	O	0..1				R007, R006
⊣ TRANSPORTEQUIPMENT	LPCO/ObligationGuarantee/TransitOperation/OperationTermination/Consignment/TransportEquipment	R	1..*				

eTIR field name	Mapping to the XML element (XPath)	Status	Cardinality	Format	Code lists	Conditions	Rules
⊢ Identifier	LPCO/ObligationGuarantee/TransitOperation/OperationTermination/Consignment/TransportEquipment/ID	R	1..1	an..17			
⊢ SEAL	LPCO/ObligationGuarantee/TransitOperation/OperationTermination/Consignment/TransportEquipment/Seal	R	1..*				
⊢ Sequence number	LPCO/ObligationGuarantee/TransitOperation/OperationTermination/Consignment/TransportEquipment/Seal/SequenceNumber	R	1..1	n..5			R003, R004
⊢ Seal number	LPCO/ObligationGuarantee/TransitOperation/OperationTermination/Consignment/TransportEquipment/Seal/ID	R	1..1	an..35			R005
⊢ Seal type, coded	LPCO/ObligationGuarantee/TransitOperation/OperationTermination/Consignment/TransportEquipment/Seal/TypeCode	O	0..1	an..3	CL08		
⊢ CONTROL	LPCO/ObligationGuarantee/TransitOperation/OperationTermination/Control	R	1..1				
⊢ Type, coded	LPCO/ObligationGuarantee/TransitOperation/OperationTermination/Control/TypeCode	R	1..1	an..3	CL25		
⊢ CONTROLRESULT	LPCO/ObligationGuarantee/TransitOperation/OperationTermination/Control/ControlResult	R	1..1				
⊢ Result, coded	LPCO/ObligationGuarantee/TransitOperation/OperationTermination/Control/ControlResult/ID	R	1..1	an..3	CL24		
⊢ CUSTOMSOFFICE	LPCO/ObligationGuarantee/TransitOperation/OperationTermination/TransitOperationTerminationOffice	R	1..1				
⊢ Identifier	LPCO/ObligationGuarantee/TransitOperation/OperationTermination/TransitOperationTerminationOffice/ID	R	1..1	an..17			
⊢ DISCHARGE	LPCO/ObligationGuarantee/TransitOperation/OperationDischarge	O	0..1				
⊢ End date time	LPCO/ObligationGuarantee/TransitOperation/OperationDischarge/InspectionEndDateTime	R	1..1	an..35			
⊢ CUSTOMSOFFICE	LPCO/ObligationGuarantee/TransitOperation/OperationDischarge/TransitOperationDischargeOffice	R	1..1				
⊢ Identifier	LPCO/ObligationGuarantee/TransitOperation/OperationDischarge/TransitOperationDischargeOffice/ID	R	1..1	an..17			
⊢ REFUSALTOSTART	LPCO/ObligationGuarantee/TransitOperation/RefusalToStart	O	0..1				
⊢ End date time	LPCO/ObligationGuarantee/TransitOperation/RefusalToStart/InspectionEndDateTime	R	1..1	an..35			
⊢ ADDITIONALINFORMATION	LPCO/ObligationGuarantee/TransitOperation/RefusalToStart/AdditionalInformation	R	1..1				
⊢ Reason	LPCO/ObligationGuarantee/TransitOperation/RefusalToStart/AdditionalInformation/Content	R	1..1	an..512			

eTIR field name	Mapping to the XML element (XPath)	Status	Cardinality	Format	Code lists	Conditions	Rules
└─ CONTROL	LPCO/ObligationGuarantee/TransitOperation/RefusalToStart/Control	O	0..1				
└─ Type, coded	LPCO/ObligationGuarantee/TransitOperation/RefusalToStart/Control/TypeCode	R	1..1	an..3	CL25		
└─ CONTROLRESULT	LPCO/ObligationGuarantee/TransitOperation/RefusalToStart/Control/ControlResult	R	1..1				
└─ Result, coded	LPCO/ObligationGuarantee/TransitOperation/RefusalToStart/Control/ControlResult/ID	R	1..1	an..3	CL24		
└─ CUSTOMSOFFICE	LPCO/ObligationGuarantee/TransitOperation/RefusalToStart/TransitOperationStartOffice	R	1..1				
└─ Identifier	LPCO/ObligationGuarantee/TransitOperation/RefusalToStart/TransitOperationStartOffice/ID	R	1..1	an..17			
└─ HOLDER	LPCO/ObligationGuarantee/Principal	R	1..1				
└─ Name	LPCO/ObligationGuarantee/Principal/Name	R	1..1	an..70			
└─ Identifier	LPCO/ObligationGuarantee/Principal/ID	R	1..1	an..35			
└─ ADDRESS	LPCO/ObligationGuarantee/Principal/Address	R	1..1				
└─ City name	LPCO/ObligationGuarantee/Principal/Address/CityName	R	1..1	an..35			
└─ Country, coded	LPCO/ObligationGuarantee/Principal/Address/CountryCode	R	1..1	a2	CL04		
└─ Street and number/P.O. Box	LPCO/ObligationGuarantee/Principal/Address/Line	R	1..1	an..256			
└─ Postcode identification	LPCO/ObligationGuarantee/Principal/Address/PostcodeID	O	0..1	an..17			
└─ AUTHORIZATION	LPCO/ObligationGuarantee/Principal/AuthorizationCertificate	R	1..1				
└─ Status, coded	LPCO/ObligationGuarantee/Principal/AuthorizationCertificate/StatusCode	R	1..1	an..3	CL23		
└─ ACTIVEWITHDRAWAL	LPCO/ObligationGuarantee/Principal/AuthorizationCertificate/AuthorizationWithdrawal	O	0..1				
└─ Start date	LPCO/ObligationGuarantee/Principal/AuthorizationCertificate/AuthorizationWithdrawal/EffectiveDateTime	R	1..1	an..35			
└─ End date	LPCO/ObligationGuarantee/Principal/AuthorizationCertificate/AuthorizationWithdrawal/ExpirationDateTime	O	0..1	an..35			
└─ ACTIVEEXCLUSION	LPCO/ObligationGuarantee/Principal/AuthorizationCertificate/Exclusion	O	0..*				
└─ Start date	LPCO/ObligationGuarantee/Principal/AuthorizationCertificate/Exclusion/EffectiveDateTime	R	1..1	an..35			
└─ End date	LPCO/ObligationGuarantee/Principal/AuthorizationCertificate/Exclusion/ExpirationDateTime	O	0..1	an..35			

eTIR field name	Mapping to the XML element (XPath)	Status	Cardinality	Format	Code lists	Conditions	Rules
└ Country, coded	LPCO/ObligationGuarantee/Principal/AuthorizationCertificate/Exclusion/CountryCode	R	1..1	a2	CL04		

6.3.3. Field descriptions & usages



Kindly note that the metadata fields have been removed from this table to improve the readability, as it is part of every eTIR message. You can find the details about these metadata fields in section 9.4 of the [eTIR introduction document](#).

eTIR field name	Mapping to the XML element (XPath)	Description	Usage
MESSAGE		Class representing the declaration data as accepted by customs	
└ Message function, coded	Function	Code describing the function of the message	The value should be '11' if the request was processed correctly. If at least one error is described in this message, the value should be '10'
└ Original Message Identifier	FunctionalReferenceID	Unique identifier of the request message associated with this response	The value should be the one mentioned in the message identifier field of the request message (E5)
└ Message identifier	ID	Unique identifier of the message	The value should be a Globally Unique Identifier (GUID) as detailed in the dedicated section of the introduction document
└ Type, coded	TypeCode	Code of the message type	The value should be set to 'E6'
└ ERROR	Error	Class representing the list of errors, if any	
└ Error, coded	Error/ValidationCode	Code of the error type	The value should be the code of the error from the list Error code (eTIR)
└ POINTER	Error/Pointer	Class representing the pointer to the erroneous field, if any	
└ Sequence number	Error/Pointer/SequenceNumeric	Index of the error in the list	The value should be the 1-based index of the error in the list
└ Location	Error/Pointer/Location	Location of the erroneous field	The value should be the location of the erroneous field following the XPath syntax. Additional details regarding the location of the fields per error code are available on the page dedicated to errors
└ LPCO	LPCO	Class representing Licenses, Permits, Certificates and Others (LPCO) information	
└ GUARANTEE	LPCO/ObligationGuarantee	Class representing the guarantee of this TIR transport	

eTIR field name	Mapping to the XML element (XPath)	Description	Usage
└ Acceptance date time	LPC0/ObligationGuarantee/AcceptanceDateTime	Date and time of the acceptance of the guarantee by the country of departure	The value should be a date and time to be provided following the EDIFACT 208 format CCYYMMDDHHMMSSZHHMM (http://www.unece.org/trade/untdid/d13b/tred/tred2379.htm). For Example: 20200820145600+0100 represents 20 August 2020 at 14:56 UTC+01:00
└ Cancellation date time	LPC0/ObligationGuarantee/CancellationDateTime	Date and time of the cancellation of the guarantee	The value should be a date and time to be provided following the EDIFACT 208 format CCYYMMDDHHMMSSZHHMM (http://www.unece.org/trade/untdid/d13b/tred/tred2379.htm). For Example: 20200820145600+0100 represents 20 August 2020 at 14:56 UTC+01:00
└ Validity date	LPC0/ObligationGuarantee/ExpirationDateTime	Date of the last day of validity of the guarantee	The value should be a date to be provided following the EDIFACT 102 format CCYYMMDD (https://www.unece.org/trade/untdid/d00a/tred/tred2379.htm). For Example: 20200820 represents 20 August 2020
└ Issuing date time	LPC0/ObligationGuarantee/IssueDateTime	Date of issuance of the eGuarantee by the guarantee chain	The value should be the one from the 'Issuing date' attribute of the I9 - Start TIR operation message received by the customs. The value should be a date and time to be provided following the EDIFACT 208 format CCYYMMDDHHMMSSZHHMM (http://www.unece.org/trade/untdid/d13b/tred/tred2379.htm). For Example: 20200820145600+0100 represents 20 August 2020 at 14:56 UTC+01:00
└ Status, coded	LPC0/ObligationGuarantee/StatusCode	Current status of the guarantee	The value should be the code of the status of the guarantee from the list Guarantee status (eTIR)
└ Reference	LPC0/ObligationGuarantee/ReferenceID	Unique identifier of the guarantee	The value should be the unique identifier of the guarantee for this TIR transport
└ Guarantee type, coded	LPC0/ObligationGuarantee/SecurityDetailsCode	Code of the guarantee type	This value should be the code of the guarantee type from the list Guarantee type code (eTIR) list
└ DECLARATIONDATA	LPC0/ObligationGuarantee/Declaration	Class representing the declaration data as accepted by customs	
└ Issuing date time	LPC0/ObligationGuarantee/Declaration/IssueDateTime	Date at which the message E9 (or E11) received by the customs, was issued	The value should be the one from the "Issuing date" attribute of the message E9 received by the customs

eTIR field name	Mapping to the XML element (XPath)	Description	Usage
Total gross weight	LPC0/ObligationGuarantee/Declaration/TotalGrossMassMeasure	Total gross weight of goods (including packaging) of the declaration	The value should be the total gross weight as a decimal number. The unit should be defined in the Measure Unit. Code attribute and should match one of the values listed in the list Measurement unit code (UNECE Recommendation 20)
ADDITIONALINFORMATION	LPC0/ObligationGuarantee/Declaration/AdditionalInformation	Class containing potential additional information at the declaration level	
Remarks	LPC0/ObligationGuarantee/Declaration/AdditionalInformation/Content	Text used to allow for remarks to the declaration from the TIR Carnet holder	The value should be containing the remarks to the declaration from the transporter, or should remain blank if there are none
AGENT	LPC0/ObligationGuarantee/Declaration/Agent	Class representing the potential agent which would declare the goods on behalf of the TIR Carnet holder	
Name	LPC0/ObligationGuarantee/Declaration/Agent/Name	Name of the agent	The value should be the official company name, or the first and last name of the person in case of physical person, to allow for quick identification
Identifier	LPC0/ObligationGuarantee/Declaration/Agent/ID	Unique identifier of the agent	The value should be the unique identifier of the agent
Role, coded	LPC0/ObligationGuarantee/Declaration/Agent/RoleCode	Code of the role of the agent	The value should be the code matching the role of the agent from the list Party role code (UN/EDIFACT 3035)
ADDRESS	LPC0/ObligationGuarantee/Declaration/Agent/Address	Class representing the physical address of the Agent	
City name	LPC0/ObligationGuarantee/Declaration/Agent/Address/CityName	City name of the physical address of the agent	The value should be the city name of the physical address of the agent
Country, coded	LPC0/ObligationGuarantee/Declaration/Agent/Address/CountryCode	Code of the country of the physical address of the agent	The value should be the code of the country of the physical address of the agent from the list Country name code (ISO 3166-1-alpha-2)
Street and number/P.O. Box	LPC0/ObligationGuarantee/Declaration/Agent/Address/Line	Street name of the physical address of the agent	The value should be the street name and number (or equivalent) of the physical address of the agent
Postcode identification	LPC0/ObligationGuarantee/Declaration/Agent/Address/PostcodeID	Postal/Zip code of the physical address of the agent	The value should be the postal/ZIP code of the physical address of the agent
AMENDMENT	LPC0/ObligationGuarantee/Declaration/Amendment	Class representing the list of potential amendments to the declaration	
Type, coded	LPC0/ObligationGuarantee/Declaration/Amendment/ChangeReasonCode	Code describing the type of amendment	The value should be the code matching the type of amendment from the list Amendment type code (eTIR) (https://etir.org/sites/default/files/2022-06/eTIR-IS-CodeListsDoc.pdf#page=81)

eTIR field name	Mapping to the XML element (XPath)	Description	Usage
└─ POINTER	LPC0/ObligationGuarantee/Declaration/Amendment/Pointer	Class representing the pointer to the part of the declaration to be amended	
└─ Sequence number	LPC0/ObligationGuarantee/Declaration/Amendment/Pointer/SequenceNumeric	Index of the pointer in the list	The value should be the 1-based index of the pointer in the list
└─ Location	LPC0/ObligationGuarantee/Declaration/Amendment/Pointer/Location	Location of the class or attribute to be amended	The value should be the location of the class or attribute following the XPath syntax
└─ SUBCONTRACTOR	LPC0/ObligationGuarantee/Declaration/Carrier	Class representing the potential agent which undertakes or arranges transport of goods between named points	
└─ Name	LPC0/ObligationGuarantee/Declaration/Carrier/Name	Name of the subcontractor	The value should be the official company name, or the first and last name of the person in case of physical person, to allow for quick identification
└─ Identifier	LPC0/ObligationGuarantee/Declaration/Carrier/ID	Unique identifier of the subcontractor	The value should be the unique identifier of the subcontractor
└─ ADDRESS	LPC0/ObligationGuarantee/Declaration/Carrier/Address	Class representing the physical address of the subcontractor	
└─ City name	LPC0/ObligationGuarantee/Declaration/Carrier/Address/CityName	City name of the physical address of the subcontractor	The value should be the city name of the physical address of the subcontractor
└─ Country, coded	LPC0/ObligationGuarantee/Declaration/Carrier/Address/CountryCode	Code of the country of the physical address of the subcontractor	The value should be the code of the country of the physical address of the subcontractor from the list Country name code (ISO 3166-1-alpha-2)
└─ Street and number/P.O. Box	LPC0/ObligationGuarantee/Declaration/Carrier/Address/Line	Street name of the physical address of the subcontractor	The value should be the street name and number (or equivalent) of the physical address of the subcontractor
└─ Postcode identification	LPC0/ObligationGuarantee/Declaration/Carrier/Address/PostcodeID	Postal/Zip code of the physical address of the subcontractor	The value should be the postal/ZIP code of the physical address of the subcontractor
└─ CONSIGNMENT	LPC0/ObligationGuarantee/Declaration/Consignment	Class representing the list of details on the transport of goods between a loading point and an unloading point	
└─ Container transport indicator	LPC0/ObligationGuarantee/Declaration/Consignment/ContainerCode	Code describing whether the goods are transported in a container or not	The value should be "68" if the goods are transported in a container or "69" otherwise
└─ Sequence number	LPC0/ObligationGuarantee/Declaration/Consignment/SequenceNumeric	Index of the consignment in the list	The value should be the 1-based index of the consignment in the list
└─ Heavy or bulky goods indicator	LPC0/ObligationGuarantee/Declaration/Consignment/HeavyOrBulkyGoodsIndicator	Code describing whether the goods are considered (according to article 29) as 'heavy or bulky', as defined article 1 (p) of the TIR Convention.	The value should be '1' if the goods are considered by the customs as 'heavy or bulky' or '0' otherwise

eTIR field name	Mapping to the XML element (XPath)	Description	Usage
└─ ATTACHEDDOCUMENTS	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument	Class representing the list of potential additional documents supplied as part of the declaration and related to the consignment	
└─ Number	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/ID	Identifier of the document	The value should be an ID identifying the document and it should be unique among all other attached documents of the declaration
└─ Issuing date time	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/IssueDateTime	Issuing date of the document	The value should be either a date only or a date and time. If it is a date only, it should follow the EDIFACT 102 format CCYYMMDD (https://www.unece.org/trade/untidid/d00a/tred/tred2379.htm). For Example: 20200820 represents 20 August 2020. If it is a date and time, it should follow the EDIFACT 208 format CCYYMMDDHHMMSSZHHMM (http://www.unece.org/trade/untidid/d13b/tred/tred2379.htm). For Example: 20200820145600+0100 represents 20 August 2020 at 14:56 UTC+01:00.
└─ Type, coded	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/TypeCode	Code of the type of the document	The value should be the code of the type of the document from the list Document name code (UN/EDIFACT 1001)
└─ BINARYFILE	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile	Class representing the content of the document	
└─ Identification	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/ID	Unique identifier of the file representing the document	The value should be an ID identifying the file and it should be unique among all other binary files of the declaration
└─ Title	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/Title	Title of the document	The value should be the title of the document
└─ Author name	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/AuthorName	Name of the author of the document	The value should be the first and last name of the author of the document
└─ Version	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/VersionID	Version number of the document	The value should be the version of the document
└─ File name	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/FileNameText	File name of the document	The value should be the name of the file representing the document, including the extension
└─ URI	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/URIID	URI of the document	The value should be the Unique Resource Identifier (URI) allowing to access the document instead of relying on a binary object representation

eTIR field name	Mapping to the XML element (XPath)	Description	Usage
⊢ MIME	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/MIMECode	Code of the MIME type of the file	The value should be one of the MIME types as listed by the IANA organization on the page: http://www.iana.org/assignments/media-types/media-types.xhtml
⊢ Encoding	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/EncodingCode	Code of the encoding algorithm of the file	The value should be the type of encoding algorithm used to encode the file
⊢ Character set	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/CharacterSetCode	Code of the character set of the file	The value should be the character set used in case the file is a text file
⊢ Include binary object	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/IncludedBinaryObjectBinaryObject	Binary representation of the file	The value should be the content of the file represented using the characteristics mentioned in the other attributes (EncodingCode and CharacterSetCode)
⊢ Access	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/Access	Access information of the file	The value should be the information needed to access the file, such as security and download parameters. This is only useful when the file is accessible using the URIID parameter
⊢ Description	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/Description	Description of the document	The value should be the description of the document and explain what it contains
⊢ Size	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/SizeMeasure	Size of the file	The value should be the size of the file. The unit should be defined in the Measure Unit. Code attribute and should match one of the values listed in the Measurement unit code (UNECE Recommendation 20)
⊢ Hash code	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/HashCode	Hash value of the file	The value should be the hash code string that resulted from hashing the attached file to be used for file reception validation
⊢ Hash code algorithm id	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/HashCodeAlgorithmIDCode	Code of the hash algorithm	The value should be the short name of the algorithm used to compute the hash value of the file
⊢ CONSIGNMENTITEM	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem	Class representing the list of details on the items in the consignment	
⊢ Sequence number	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/SequenceNumeric	Index of the consignment item in the list	The value should be the 1-based index of the consignment item in the list, allowing for quick physical identification upon inspection
⊢ ADDITIONALINFORMATION	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/AdditionalInformation	Class representing the list of potential additional information at the consignment item level	
⊢ Remarks	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/AdditionalInformation/Content	Remarks on the consignment item	The value should be a text allowing for additional remarks on the consignment item
⊢ GOODS	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Commodity	Class representing the details on the goods	

eTIR field name	Mapping to the XML element (XPath)	Description	Usage
⊢ Description	LPCO/ObligationGuarantee/Declaration/ConsignmentItem/Commodity/CargoDescription	Description of the goods	The value should be a text describing the goods
⊢ CLASSIFICATION	LPCO/ObligationGuarantee/Declaration/ConsignmentItem/Commodity/Classification	Class representing the list of classification details of the goods	
⊢ Code	LPCO/ObligationGuarantee/Declaration/ConsignmentItem/Commodity/Classification/ID	Identifier of the classification of the goods	The value should be the identifier of the non commercial classification of the goods
⊢ Type, coded	LPCO/ObligationGuarantee/Declaration/ConsignmentItem/Commodity/Classification/IdentificationTypeCode	Code of the classification	The value should be the code of the classification from the list Item type identification code (UN/EDIFACT 7143)
⊢ CONSIGNEE	LPCO/ObligationGuarantee/Declaration/ConsignmentItem/Consignee	Class representing the potential consignee of the goods	
⊢ Name	LPCO/ObligationGuarantee/Declaration/ConsignmentItem/Consignee/Name	Name of the consignee	The value should be the official company name, or the first and last name of the person in case of physical person, to allow for quick identification
⊢ Identifier	LPCO/ObligationGuarantee/Declaration/ConsignmentItem/Consignee/ID	Unique identifier of the consignee	The value should be the unique identifier of the consignee
⊢ ADDRESS	LPCO/ObligationGuarantee/Declaration/ConsignmentItem/Consignee/Address	Class representing the physical address of the consignee	
⊢ City name	LPCO/ObligationGuarantee/Declaration/ConsignmentItem/Consignee/Address/CityName	City name of the physical address of the consignee	The value should be the city name of the physical address of the consignee
⊢ Country, coded	LPCO/ObligationGuarantee/Declaration/ConsignmentItem/Consignee/Address/CountryCode	Code of the country of the physical address of the consignee	The value should be the code of the country of the physical address of the consignee from the list Country name code (ISO 3166-1-alpha-2) (https://etir.org/sites/default/files/2022-06/eTIR-IS-CodeListsDoc.pdf#page=28)
Box	⊢ Street and number/P.O.	LPCO/ObligationGuarantee/Declaration/ConsignmentItem/Consignee/Address/Line	Street name of the physical address of the consignee
	⊢ Postcode identification	LPCO/ObligationGuarantee/Declaration/ConsignmentItem/Consignee/Address/PostcodeID	Postal/Zip code of the physical address of the consignee
⊢ CONSIGNOR	LPCO/ObligationGuarantee/Declaration/ConsignmentItem/Consignor	Class representing the potential consignor of the goods	
⊢ Name	LPCO/ObligationGuarantee/Declaration/ConsignmentItem/Consignor/Name	Name of the consignor	The value should be the official company name, or the first and last name of the person in case of physical person, to allow for quick identification
⊢ Identifier	LPCO/ObligationGuarantee/Declaration/ConsignmentItem/Consignor/ID	Unique identifier of the consignor	The value should be the unique identifier of the consignor

eTIR field name	Mapping to the XML element (XPath)	Description	Usage
ADDRESS	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignor/Address	Class representing the physical address of the consignor	
City name	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignor/Address/CityName	City name of the physical address of the consignor	The value should be the city name of the physical address of the consignor
Country, coded	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignor/Address/CountryCode	Code of the country of the physical address of the consignor	The value should be the code of the country of the physical address of the consignor from the list (Country name code (ISO 3166-1-alpha-2))
Box Street and number/P.O.	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignor/Address/Line	Street name of the physical address of the consignor	The value should be the street name and number (or equivalent) of the physical address of the consignor
Postcode identification	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignor/Address/PostcodeID	Postal/Zip code of the physical address of the consignor	The value should be the postal/ZIP code of the physical address of the consignor
DELIVERYDESTINATION	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/DeliveryDestination	Class representing the potential party to which the goods should be delivered	
Name	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/DeliveryDestination/Name	Name of the delivery destination	The value should be the official company name, or the first and last name of the person in case of physical person, to allow for quick identification.
ADDRESS	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/DeliveryDestination/Address	Class representing the physical address of the delivery destination	
City name	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/DeliveryDestination/Address/CityName	City name of the physical address of the delivery destination	The value should be the city name of the physical address of the delivery destination
Country, coded	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/DeliveryDestination/Address/CountryCode	Code of the country of the physical address of the delivery destination	The value should be the code of the country of the physical address of the delivery destination from the list (Country name code (ISO 3166-1-alpha-2))
Box Street and number/P.O.	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/DeliveryDestination/Address/Line	Street name of the physical address of the delivery destination	The value should be the street name and number (or equivalent) of the physical address of the delivery destination
Postcode identification	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/DeliveryDestination/Address/PostcodeID	Postal/Zip code of the physical address of the delivery destination	The value should be the postal/ZIP code of the physical address of the delivery destination
GOODSMEASURE	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/GoodsMeasure	Class representing the details on the measures of the goods	
Gross weight	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/GoodsMeasure/GrossMassMeasure	Total gross weight of the goods	The value should be the total gross weight as a decimal number. The unit should be defined in the Measure Unit. Code attribute and should match one of the values listed in the list (Measurement unit code (UNECE Recommendation 20))
PACKAGING	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Packaging	Class representing the list of details on the packaging of the goods	

eTIR field name	Mapping to the XML element (XPath)	Description	Usage
⊢ Sequence number	LPCO/ObligationGuarantee/Declaration/ConsignmentItem/Packaging/SequenceNumeric	Index of the packaging in the list	The value should be the 1-based index of the packaging in the list, allowing for quick physical identification upon inspection
⊢ Marks and numbers	LPCO/ObligationGuarantee/Declaration/ConsignmentItem/Packaging/MarksNumbersID	Packaging marks and numbers	The value should be a text describing the marks and numbers on a transport unit or package.
⊢ Number of packages	LPCO/ObligationGuarantee/Declaration/ConsignmentItem/Packaging/QuantityQuantity	Number of packages	The value should be the number of individual items packaged in such a way that they cannot be divided without first undoing the packing
⊣ Type, coded	LPCO/ObligationGuarantee/Declaration/ConsignmentItem/Packaging/TypeCode	Code of the packaging type	The value should be the code of the type of packaging from the list Package type description code (UNECE Recommendation 21 Annex VI)
⊢ TRANSPORTEQUIPMENT	LPCO/ObligationGuarantee/Declaration/ConsignmentItem/TransportEquipment	Class representing the transport equipment used for the consignment item	
⊣ Identifier	LPCO/ObligationGuarantee/Declaration/ConsignmentItem/TransportEquipment/ID	Identifier of the transport equipment	The value should be marks (letters and/or numbers) which identify the transport equipment
⊢ UCR	LPCO/ObligationGuarantee/Declaration/ConsignmentItem/UCR	Class representing the Unique Trader Reference	
⊣ Identifier	LPCO/ObligationGuarantee/Declaration/ConsignmentItem/UCR/ID	Unique identifier of the goods	The value should be the unique identifier assigned to goods being subject to cross border transactions
⊢ LOADINGLOCATION	LPCO/ObligationGuarantee/Declaration/Consignment/LoadingLocation	Class representing the place of loading of the goods	
⊣ Name	LPCO/ObligationGuarantee/Declaration/Consignment/LoadingLocation/Name	Name of the loading location	The value should be the name of a seaport, airport, freight terminal, rail station or other place at which goods are loaded onto the means of transport being used for their carriage
⊢ NOTIFYPARTY	LPCO/ObligationGuarantee/Declaration/Consignment/NotifyParty	Class representing a potential party to be notified	
⊢ Name	LPCO/ObligationGuarantee/Declaration/Consignment/NotifyParty/Name	Name of the party to be notified	The value should be the name (first and last name or company) of the party to be notified
⊢ Identifier	LPCO/ObligationGuarantee/Declaration/Consignment/NotifyParty/ID	Unique identifier of the party to be notified	The value should be the unique identifier of the party to be notified
⊢ ADDRESS	LPCO/ObligationGuarantee/Declaration/Consignment/NotifyParty/Address	Class representing the physical address of the party to be notified	
⊢ City name	LPCO/ObligationGuarantee/Declaration/Consignment/NotifyParty/Address/CityName	City name of the physical address of the party to be notified	The value should be the city name of the physical address of the party to be notified

eTIR field name	Mapping to the XML element (XPath)	Description	Usage
Country, coded	LPCO/ObligationGuarantee/Declaration/Consignment/NotifyParty/Address/CountryCode	Code of the country of the physical address of the party to be notified	The value should be the code of the country of the physical address of the party to be notified from the list Country name code (ISO 3166-1-alpha-2)
Street and number/P.O. Box	LPCO/ObligationGuarantee/Declaration/Consignment/NotifyParty/Address/Line	Street name of the physical address of the party to be notified	The value should be the street name and number (or equivalent) of the physical address of the party to be notified
Postcode identification	LPCO/ObligationGuarantee/Declaration/Consignment/NotifyParty/Address/PostcodeID	Postal/Zip code of the physical address of the party to be notified	The value should be the postal/ZIP code of the physical address of the party to be notified
CUSTOMSOFFICEOFDEPARTURE	LPCO/ObligationGuarantee/Declaration/Consignment/TransitDeparture	Class representing the customs office where the goods are loaded	
Identifier	LPCO/ObligationGuarantee/Declaration/Consignment/TransitDeparture/ID	Unique identifier of the customs office of departure	The value should be the unique identifier used of the customs of departure, where the goods are loaded. This identifier is the one registered in the International TIR Data Bank (ITDB) for the customs office
CUSTOMSOFFICEOFDESTINATION	LPCO/ObligationGuarantee/Declaration/Consignment/TransitDestination	Class representing the customs office where the goods are unloaded	
Identifier	LPCO/ObligationGuarantee/Declaration/Consignment/TransitDestination/ID	Unique identifier of the customs office of destination	The value should be the unique identifier used of the customs of destination, where the goods are unloaded. This identifier is the one registered in the International TIR Data Bank (ITDB) for the customs office
TRANSPORTMEANS	LPCO/ObligationGuarantee/Declaration/Consignment/TransitTransportMeans	Class representing the list of the means of transport for the consignment	
Identifier	LPCO/ObligationGuarantee/Declaration/Consignment/TransitTransportMeans/ID	Unique identifier of the transport means	The value should be the unique identifier of the means of transport used for the transit
Type, coded	LPCO/ObligationGuarantee/Declaration/Consignment/TransitTransportMeans/TypeCode	Code of the means of transport	The value should be the code of the means of transport from the list Transport means description code (UNECE Recommendation 28)
Nationality, coded	LPCO/ObligationGuarantee/Declaration/Consignment/TransitTransportMeans/RegistrationNationalityCode	Nationality of the means of transport	The value should be the code of the country for the nationality of the means of transport from the list Country name code (ISO 3166-1-alpha-2)
Conveyance reference number	LPCO/ObligationGuarantee/Declaration/Consignment/TransitTransportMeans/JourneyID	External identifier/reference identifying a journey of a means of transport	The value should be an identifier referencing a journey of a means of transport (e.g. vessel, train or plane), like voyage number, flight number, or trip number.
Sequence number	LPCO/ObligationGuarantee/Declaration/Consignment/TransitTransportMeans/SequenceNumeric	Index of the transport means in the list	The value should be the 1-based index of the transport means in the list

eTIR field name	Mapping to the XML element (XPath)	Description	Usage
 ITINERARY	LPCO/ObligationGuarantee/Declaration/Consignment/TransitTransportMeans/Itinerary	Class representing the list of countries of the itinerary of the consignment	
 Sequence number	LPCO/ObligationGuarantee/Declaration/Consignment/TransitTransportMeans/Itinerary/SequenceNumeric	Index of the country in the list	The value should be the 1-based index of the country in the list representing the itinerary of the consignment
 Country, coded	LPCO/ObligationGuarantee/Declaration/Consignment/TransitTransportMeans/Itinerary/RoutingCountryCode	Code of the country	The value should be the code of the country from the list Country name code (ISO 3166-1-alpha-2)
 CUSTOMSOFFICE	LPCO/ObligationGuarantee/Declaration/Consignment/TransitTransportMeans/Itinerary/ItineraryGovernmentOffice	Class representing the list of customs offices of the itinerary of the consignment within the country.	
 Identifier	LPCO/ObligationGuarantee/Declaration/Consignment/TransitTransportMeans/Itinerary/ItineraryGovernmentOffice/ID	Identifier of the customs office of the itinerary	The value should be the unique identifier of the customs office of the itinerary of the consignment, within the country
 Sequence number	LPCO/ObligationGuarantee/Declaration/Consignment/TransitTransportMeans/Itinerary/ItineraryGovernmentOffice/SequenceNumeric	Index of the customs office in the list	The value should be the 1-based index of the customs office in the list representing the itinerary of the consignment in the country
 Role, coded	LPCO/ObligationGuarantee/Declaration/Consignment/TransitTransportMeans/Itinerary/ItineraryGovernmentOffice/RoleCode	Code of the customs office TIR role	The value should be the code of the customs office TIR role from the list https://etir.org/sites/default/files/2022-06/eTIR-IS-CodeListsDoc.pdf#page=141 [Customs office role among the codes 1, 2, 4 or 3]
 TRANSPORTEQUIPMENT	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment	Class representing the list of the transport equipment used for the consignment	
 Sequence number	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/SequenceNumeric	Index of the transport equipment in the list	The value should be the 1-based index of the transport equipment in the list
 Size and type, coded	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/CharacteristicCode	Code of the transport equipment	The value should be the code of the transport equipment (specifying its characteristics) from the list Equipment size and type description code (UN/EDIFACT 8155)
 Identifier	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/ID	Identifier of the transport equipment	The value should be marks (letters and/or numbers) which identify the transport equipment
 CERTIFICATEOFAPPROVAL	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument	Class representing the details of the certificate of approval of the transport equipment	
 Number	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/ID	Unique identifier of the certificate of approval	The value should be the unique identifier of the certificate of approval

eTIR field name	Mapping to the XML element (XPath)	Description	Usage
⊢ Issuing date time	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/IssueDateTime	Issuing date of the certificate of approval	The value should be either a date only or a date and time. If it is a date only, it should follow the EDIFACT 102 format CCYYMMDD (https://www.unece.org/trade/untid/d00a/tred/tred2379.htm). For Example: 20200820 represents 20 August 2020. If it is a date and time, it should follow the EDIFACT 208 format CCYYMMDDHHMMSSZHHMM (http://www.unece.org/trade/untid/d13b/tred/tred2379.htm). For Example: 20200820145600+0100 represents 20 August 2020 at 14:56 UTC+01:00.
⊢ Type, coded	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/TypeCode	Code of the type of the certificate of approval	The value should be the code of the type of the certificate of approval from the list Document name code (UN/EDIFACT 1001) (https://etir.org/sites/default/files/2022-06/eTIR-IS-CodeListsDoc.pdf#page=40)
⊢ BINARYFILE	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile	Class representing the contents of the certificate of approval	
⊢ Identification	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/ID	Unique identifier of the file representing the document	The value should be an ID identifying the file and it should be unique among all other binary files of the declaration
⊢ Title	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/Title	Title of the certificate of approval	The value should be the title of the certificate of approval
⊢ Author name	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/AuthorName	Name of the author of the certificate of approval	The value should be the first and last name of the author (or the issuing organization) of the certificate of approval
⊢ Version	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/VersionID	Version number of the certificate of approval	The value should be the version of the certificate of approval
⊢ File name	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/FileNameText	File name of the certificate of approval	The value should be the name of the file representing the certificate of approval, including the extension
⊢ URI	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/URIID	URI of the certificate of approval	The value should be the Unique Resource Identifier (URI) allowing to access the certificate of approval instead of relying on a binary object representation
⊢ MIME	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/MIMECode	Code of the MIME type of the file	The value should be one of the MIME types as listed by the IANA organization on the page: http://www.iana.org/assignments/media-types/media-types.xhtml

eTIR field name	Mapping to the XML element (XPath)	Description	Usage
⊢ Encoding	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/EncodingCode	Code of the encoding algorithm of the file	The value should be the type of encoding algorithm used to encode the file
⊢ Character set	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/CharacterSetCode	Code of the character set of the file	The value should be the character set used in case the file is a text file
⊢ Include binary object	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/IncludedBinaryObjectBinaryObject	Binary representation of the file	The value should be the contents of the file represented using the characteristics mentioned in the other attributes (EncodingCode and CharacterSetCode)
⊢ Access	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/Access	Access information of the file	The value should be the information needed to access the file, such as security and download parameters. This is only useful when the file is accessible using the URIID parameter
⊢ Description	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/Description	Description of the certificate of approval	The value should be the description of the certificate of approval and explain what it contains
⊢ Size	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/SizeMeasure	Size of the file	The value should be the size of the file. The unit should be defined in the Measure Unit. Code attribute and should match one of the values listed in the Measurement unit code (UNECE Recommendation 20)
⊢ Hash code	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/HashCode	Hash value of the file	The value should be the hash code string that resulted from hashing the attached file to be used for file reception validation
⊢ Hash code algorithm id	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/HashCodeAlgorithmIDCode	Code of the hash algorithm	The value should be the short name of the algorithm used to compute the hash value of the file
⊢ SEAL	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/Seal	Class representing the list of seals affixed to the transport equipment	
⊢ Sequence number	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/Seal/SequenceNumeric	Index of the seal in the list	The value should be the 1-based index of the seal in the list
⊢ Seal number	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/Seal/ID	Unique identifier of the seal	The value should be the unique identifier of the seal affixed to the transport equipment
⊢ Seal type, coded	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/Seal/TypeCode	Code of the type of seal	The value should be the code of the type of seal from the list Seal type code (eTIR)
⊢ GUARANTEE	LPCO/ObligationGuarantee/Declaration/DeclarationGuarantee	Class representing the guarantee of this TIR transport	
⊢ Reference	LPCO/ObligationGuarantee/Declaration/DeclarationGuarantee/ReferenceID	Unique identifier of the guarantee	The value should be the unique identifier of the guarantee for this TIR transport

eTIR field name	Mapping to the XML element (XPath)	Description	Usage
└─ NATIONALREFERENCE	LPC0/ObligationGuarantee/Declaration/NationalReference	Class representing the list of national references under which the declaration data has been saved in the countries along the itinerary of the transport	
└─ Reference	LPC0/ObligationGuarantee/Declaration/NationalReference/ID	Identifier of the national reference of the declaration	The value should be the identifier of the national reference under which the declaration has been saved in the country along the itinerary of the transport
└─ Country, coded	LPC0/ObligationGuarantee/Declaration/NationalReference/IssuingCountryCode	Code of the country along the itinerary	The value should be the code of the country along the itinerary from the list Country name code (ISO 3166-1-alpha-2)
└─ HOLDER	LPC0/ObligationGuarantee/Declaration/Principal	Class representing the TIR Carnet holder (transporter) of this transport	
└─ Name	LPC0/ObligationGuarantee/Declaration/Principal/Name	Name of the TIR Carnet holder	The value should be the official company name, or the first and last name of the person in case of physical person as recorded in the International TIR Data Bank (ITDB), to allow for quick identification
└─ Identifier	LPC0/ObligationGuarantee/Declaration/Principal/ID	Unique identifier of the TIR Carnet holder	The value should be the unique identifier of the TIR Carnet holder as recorded in the International TIR Data Bank (ITDB)
└─ ADDRESS	LPC0/ObligationGuarantee/Declaration/Principal/Address	Class representing the physical address of the TIR Carnet holder	
└─ City name	LPC0/ObligationGuarantee/Declaration/Principal/Address/CityName	City name of the physical address of the TIR Carnet holder	The value should be the city name of the physical address of the TIR Carnet holder
└─ Country, coded	LPC0/ObligationGuarantee/Declaration/Principal/Address/CountryCode	Code of the country of the physical address of the TIR Carnet holder	The value should be the code of the country of the physical address of the TIR Carnet holder from the list Country name code (ISO 3166-1-alpha-2)
└─ Street and number/P.O. Box	LPC0/ObligationGuarantee/Declaration/Principal/Address/Line	Street name of the physical address of the TIR Carnet holder	The value should be the street name and number (or equivalent) of the physical address of the TIR Carnet holder
└─ Postcode identification	LPC0/ObligationGuarantee/Declaration/Principal/Address/PostcodeID	Postal/Zip code of the physical address of the TIR Carnet holder	The value should be the postal/ZIP code of the physical address of the TIR Carnet holder
└─ GUARANTEECHAIN	LPC0/ObligationGuarantee/Surety	Class representing the information related to the issuing guarantee chain (providing guarantee for the TIR transport)	
└─ Code	LPC0/ObligationGuarantee/Surety/ID	Unique identifier of the guarantee chain which issued the guarantee	The value should be 'IRU' for guarantees issued by the International Road transport Union

eTIR field name	Mapping to the XML element (XPath)	Description	Usage
TIROPERATION	LPC0/ObligationGuarantee/TransitOperation	Class representing the list of potential TIR operations that have already been carried out with the guarantee	
Sequence number	LPC0/ObligationGuarantee/TransitOperation/SequenceNumber	Index of the TIR operation in the list	The value should be the 1-based index of the TIR operation in the list
Registration number	LPC0/ObligationGuarantee/TransitOperation/RegistrationID	Identifier of the TIR operation	The value should be the unique identifier under which the TIR operation is nationally registered
START	LPC0/ObligationGuarantee/TransitOperation/OperationStart	Class representing the details related to the start of the TIR operation	
End date time	LPC0/ObligationGuarantee/TransitOperation/OperationStart/InspectionEndTime	Date and time when the TIR operation has been started	The value should be a date and time to be provided following the EDIFACT 208 format CCYYMMDDHHMMSSZHHMM (http://www.unece.org/trade/untid/d13b/tred/tred2379.htm). For Example: 20200820145600+0100 represents 20 August 2020 at 14:56 UTC+01:00
Time limit date time	LPC0/ObligationGuarantee/TransitOperation/OperationStart/LimitDateTime	Date (with or without the time) by when the TIR operation should be completed	The value should be either a date only or a date and time. If it is a date only, it should follow the EDIFACT 102 format CCYYMMDD (https://www.unece.org/trade/untid/d00a/tred/tred2379.htm). For Example: 20200820 represents 20 August 2020. If it is a date and time, it should follow the EDIFACT 208 format CCYYMMDDHHMMSSZHHMM (http://www.unece.org/trade/untid/d13b/tred/tred2379.htm). For Example: 20200820145600+0100 represents 20 August 2020 at 14:56 UTC+01:00.
ADDITIONALINFORMATION	LPC0/ObligationGuarantee/TransitOperation/OperationStart/AdditionalInformation	Class representing the potential additional information regarding the start of the TIR operation	
Remarks	LPC0/ObligationGuarantee/TransitOperation/OperationStart/AdditionalInformation/Content	Remarks added when starting the TIR operation	The value should be the remark text a customs officer would record when starting the TIR operation
CONSIGNMENT	LPC0/ObligationGuarantee/TransitOperation/OperationStart/Consignment	Class representing potential parent object grouping all transport equipments and related seals information	
TRANSPORTEQUIPMENT	LPC0/ObligationGuarantee/TransitOperation/OperationStart/Consignment/TransportEquipment	Class representing the list of all transport equipments used for all consignments in the TIR operation	

eTIR field name	Mapping to the XML element (XPath)	Description	Usage
Identifier	LPCO/ObligationGuarantee/TransitOperation/OperationStart/Consignment/TransportEquipment/ID	Identifier of the transport equipment	The value should be marks (letters and/or numbers) which identify the transport equipment
SEAL	LPCO/ObligationGuarantee/TransitOperation/OperationStart/Consignment/TransportEquipment/Seal	Class representing the list of seals affixed to the transport equipment	
Sequence number	LPCO/ObligationGuarantee/TransitOperation/OperationStart/Consignment/TransportEquipment/Seal/SequenceNumeric	Index of the seal in the list	The value should be the 1-based index of the seal in the list
Seal number	LPCO/ObligationGuarantee/TransitOperation/OperationStart/Consignment/TransportEquipment/Seal/ID	Unique identifier of the seal	The value should be the unique identifier of the seal affixed to the transport equipment
Seal type, coded	LPCO/ObligationGuarantee/TransitOperation/OperationStart/Consignment/TransportEquipment/Seal/TypeCode	Code of the type of seal	The value should be the code of the type of seal from the list Seal type code (eTIR)
CONTROL	LPCO/ObligationGuarantee/TransitOperation/OperationStart/Control	Class representing the details of the control performed by the customs officer before starting the TIR operation	
Type, coded	LPCO/ObligationGuarantee/TransitOperation/OperationStart/Control/TypeCode	Code of the type of control	The value should be the code of the type of control from the list Control type code (eTIR)
CONTROLRESULT	LPCO/ObligationGuarantee/TransitOperation/OperationStart/Control/ControlResult	Class representing the details of the outcome of the control performed by the customs officer	
Result, coded	LPCO/ObligationGuarantee/TransitOperation/OperationStart/Control/ControlResult/ID	Code of the result of the control	The value should be the code of the result of the control from the list Control result code (eTIR)
NATIONALITINERARY	LPCO/ObligationGuarantee/TransitOperation/OperationStart/Itinerary	Class representing the potential national itinerary that has to be followed by the TIR transport, mentioning one or more customs offices to be visited	
NATIONALITINERARYCUSTOMSOFFICE	LPCO/ObligationGuarantee/TransitOperation/OperationStart/Itinerary/ItineraryGovernmentOffice	Class representing the details identifying a customs office that has to be visited by the TIR transport during its itinerary	
Identifier	LPCO/ObligationGuarantee/TransitOperation/OperationStart/Itinerary/ItineraryGovernmentOffice/ID	Unique identifier of the customs office of the itinerary	The value should be the unique identifier of the customs office of the itinerary. This identifier is the one recorded in the International TIR Data Bank (ITDB) for the customs office
CUSTOMSOFFICE	LPCO/ObligationGuarantee/TransitOperation/OperationStart/TransitOperationStartOffice	Class representing the details of the customs office where the TIR operation started	
Identifier	LPCO/ObligationGuarantee/TransitOperation/OperationStart/TransitOperationStartOffice/ID	Unique identifier of the customs office where the TIR operation is started	The value should be the unique identifier of the customs office where the TIR operation is started. This identifier is the one recorded in the International TIR Data Bank (ITDB) for the customs office

eTIR field name	Mapping to the XML element (XPath)	Description	Usage
TERMINATION	LPC0/ObligationGuarantee/TransitOperation/OperationTermination	Class representing the details related to the termination of the TIR operation	
End date time	LPC0/ObligationGuarantee/TransitOperation/OperationTermination/InspectionEndTime	Date and time when the TIR operation has been terminated	The value should be a date and time to be provided following the EDIFACT 208 format CCYYMMDDHHMMSSZHMM (http://www.unece.org/trade/untid/d13b/tred/tred2379.htm). For Example: 20200820145600+0100 represents 20 August 2020 at 14:56 UTC+01:00
Number of packages	LPC0/ObligationGuarantee/TransitOperation/OperationTermination/PackageQuantityQuantity	Number of packages unloaded	The value should be the number of packages potentially unloaded during the termination of the TIR operation
Termination type, coded	LPC0/ObligationGuarantee/TransitOperation/OperationTermination/TypeCode	Code of the type of termination of the TIR operation	The value should be the type of termination code of the TIR operation from the list Termination type code (eTIR)
ADDITIONALINFORMATION	LPC0/ObligationGuarantee/TransitOperation/OperationTermination/AdditionalInformation	Class representing potential additional information regarding the termination of the TIR operation	
Reservations	LPC0/ObligationGuarantee/TransitOperation/OperationTermination/AdditionalInformation/Content	Reservations/remarks added when terminating the TIR operation	The value should be the reservations a customs officer would have added when terminating the TIR operation
CONSIGNMENT	LPC0/ObligationGuarantee/TransitOperation/OperationTermination/Consignment	Class representing potential parent object grouping details about all transport equipments and related seals information	
TRANSPORTEQUIPMENT	LPC0/ObligationGuarantee/TransitOperation/OperationTermination/Consignment/TransportEquipment	Class representing the list of all transport equipments used for all consignments in the TIR operation	
Identifier	LPC0/ObligationGuarantee/TransitOperation/OperationTermination/Consignment/TransportEquipment/ID	Identifier of the transport equipment	The value should be the marks (letters and/or numbers) which identify the transport equipment
SEAL	LPC0/ObligationGuarantee/TransitOperation/OperationTermination/Consignment/TransportEquipment/Seal	Class representing the list of seals affixed to the transport equipment	
Sequence number	LPC0/ObligationGuarantee/TransitOperation/OperationTermination/Consignment/TransportEquipment/Seal/SequenceNumber	Index of the seal in the list	The value should be the 1-based index of the seal in the list
Seal number	LPC0/ObligationGuarantee/TransitOperation/OperationTermination/Consignment/TransportEquipment/Seal/ID	Unique identifier of the seal	The value should be the unique identifier of the seal affixed to the transport equipment
Seal type, coded	LPC0/ObligationGuarantee/TransitOperation/OperationTermination/Consignment/TransportEquipment/Seal/TypeCode	Code of the type of seal	The value should be the code of the type of seal from the list Seal type code (eTIR) (https://etir.org/sites/default/files/2022-06/eTIR-IS-CodeListsDoc.pdf#page=76)

eTIR field name	Mapping to the XML element (XPath)	Description	Usage
└─ CONTROL	LPC0/ObligationGuarantee/TransitOperation/OperationTermination/Control	Class representing the details of the control performed by the customs officer while terminating the TIR operation	
└─ Type, coded	LPC0/ObligationGuarantee/TransitOperation/OperationTermination/Control/TypeCode	Code of the type of control	The value should be the code of the type of control from the list Control type code (eTIR)
└─ CONTROLRESULT	LPC0/ObligationGuarantee/TransitOperation/OperationTermination/Control/ControlResult	Class representing the details of the outcome of the control performed by the customs officer	
└─ Result, coded	LPC0/ObligationGuarantee/TransitOperation/OperationTermination/Control/ControlResult/ID	Code of the result of the control	The value should be the code of the result of the control from the list Control result code (eTIR)
└─ CUSTOMSOFFICE	LPC0/ObligationGuarantee/TransitOperation/OperationTermination/TransitOperationTerminationOffice	Class representing the details of the customs office where the TIR operation is terminated	
└─ Identifier	LPC0/ObligationGuarantee/TransitOperation/OperationTermination/TransitOperationTerminationOffice/ID	Unique identifier of the customs office where the TIR operation is terminated	The value should be the unique identifier of the customs office where the TIR operation is terminated. This identifier is the one recorded in the International TIR Data Bank (ITDB) for the customs office
└─ DISCHARGE	LPC0/ObligationGuarantee/TransitOperation/OperationDischarge	Class representing the details related to the discharge of the TIR operation	
└─ End date time	LPC0/ObligationGuarantee/TransitOperation/OperationDischarge/InspectionEndTime	Date and time when the TIR operation has just been discharged	The value should be a date and time to be provided following the EDIFACT 208 format CCYYMMDDHHMMSSZHHMM (http://www.unece.org/trade/untidd/d13b/tred/tred2379.htm). For Example: 20200820145600+0100 represents 20 August 2020 at 14:56 UTC+01:00
└─ CUSTOMSOFFICE	LPC0/ObligationGuarantee/TransitOperation/OperationDischarge/TransitOperationDischargeOffice	Class representing the details of the customs office where the TIR operation is discharged	
└─ Identifier	LPC0/ObligationGuarantee/TransitOperation/OperationDischarge/TransitOperationDischargeOffice/ID	Unique identifier of the customs office where the TIR operation is discharged	The value should be the unique identifier of the customs office where the TIR operation is discharged. This identifier is the one recorded in the International TIR Data Bank (ITDB) for the customs office
└─ REFUSALTOSTART	LPC0/ObligationGuarantee/TransitOperation/RefusalToStart	Class representing the details related to the refusal to start the TIR operation	
└─ End date time	LPC0/ObligationGuarantee/TransitOperation/RefusalToStart/InspectionEndTime	Date and time when the TIR operation has been refused to be started	The value should be a date and time to be provided following the EDIFACT 208 format CCYYMMDDHHMMSSZHHMM (http://www.unece.org/trade/untidd/d13b/tred/tred2379.htm). For Example: 20200820145600+0100 represents 20 August 2020 at 14:56 UTC+01:00

eTIR field name	Mapping to the XML element (XPath)	Description	Usage
└─ ADDITIONALINFORMATION	LPC0/ObligationGuarantee/TransitOperation/RefusalToStart/AdditionalInformation	Class representing additional information regarding the refusal to start the TIR operation	
└─ Reason	LPC0/ObligationGuarantee/TransitOperation/RefusalToStart/AdditionalInformation/Content	Reason for refusing to start the TIR operation	The value should be the reason(s) a customs officer would have refused to start a TIR operation
└─ CONTROL	LPC0/ObligationGuarantee/TransitOperation/RefusalToStart/Control	Class representing the details of the control performed by the customs officer before refusing to start the TIR operation	
└─ Type, coded	LPC0/ObligationGuarantee/TransitOperation/RefusalToStart/Control/TypeCode	Code of the type of control	The value should be the code of the type of control from the list Control type code (eTIR)
└─ CONTROLRESULT	LPC0/ObligationGuarantee/TransitOperation/RefusalToStart/Control/ControlResult	Class representing the details of the outcome of the control performed by the customs officer	
└─ Result, coded	LPC0/ObligationGuarantee/TransitOperation/RefusalToStart/Control/ControlResult/ID	Code of the result of the control	The value should be the code of the result of the control from the list Control result code (eTIR)
└─ CUSTOMSOFFICE	LPC0/ObligationGuarantee/TransitOperation/RefusalToStart/TransitOperationStartOffice	Class representing the details of the customs office where the TIR operation is refused to be started	
└─ Identifier	LPC0/ObligationGuarantee/TransitOperation/RefusalToStart/TransitOperationStartOffice/ID	Unique identifier of the customs office where the TIR operation is refused to be started	The value should be the unique identifier of the customs office where the TIR operation is refused to be started. This identifier is the one recorded in the International TIR Data Bank (ITDB) for the customs office
└─ HOLDER	LPC0/ObligationGuarantee/Principal	Class representing the TIR Carnet holder (transporter) of this transport	
└─ Name	LPC0/ObligationGuarantee/Principal/Name	Name of the TIR Carnet holder	The value should be the official company name, or the first and last name of the person in case of physical person as recorded in the International TIR Data Bank (ITDB), to allow for quick identification
└─ Identifier	LPC0/ObligationGuarantee/Principal/ID	Unique identifier of the TIR Carnet holder	This value matches the holder's identifier in ITDB. This value is retrieved from the I7 - Record declaration data previously received
└─ ADDRESS	LPC0/ObligationGuarantee/Principal/Address	Class representing the physical address of the TIR Carnet holder	
└─ City name	LPC0/ObligationGuarantee/Principal/Address/CityName	City name of the physical address of the TIR Carnet holder	The value should be the city name of the physical address of the TIR Carnet holder
└─ Country, coded	LPC0/ObligationGuarantee/Principal/Address/CountryCode	Code of the country of the physical address of the TIR Carnet holder	The value should be the code of the country of the physical address of the TIR Carnet holder from the list Country name code (ISO 3166-1-alpha-2)

eTIR field name	Mapping to the XML element (XPath)	Description	Usage
Street and number/P.O. Box	LPC0/ObligationGuarantee/Principal/Address/Line	Street name of the physical address of the TIR Carnet holder	The value should be the street name and number (or equivalent) of the physical address of the TIR Carnet holder
Postcode identification	LPC0/ObligationGuarantee/Principal/Address/PostcodeID	Postal/Zip code of the physical address of the TIR Carnet holder	The value should be the postal/ZIP code of the physical address of the TIR Carnet holder
AUTHORIZATION	LPC0/ObligationGuarantee/Principal/AuthorizationCertificate	Class representing the details related to the authorization of the TIR Carnet holder in the TIR system	
Status, coded	LPC0/ObligationGuarantee/Principal/AuthorizationCertificate/StatusCode	Code of the current authorization status of the TIR Carnet holder	The value should be the code of the current authorization status of the TIR Carnet holder from the list Holder status (eTIR)
ACTIVEWITHDRAWAL	LPC0/ObligationGuarantee/Principal/AuthorizationCertificate/AuthorizationWithdrawal	Class representing the details related to a potential withdrawal of the TIR Carnet holder from the TIR system	
Start date	LPC0/ObligationGuarantee/Principal/AuthorizationCertificate/AuthorizationWithdrawal/EffectiveDateTime	Start date of the withdrawal of the TIR Carnet holder from the TIR system	The value should be a date to be provided following the EDIFACT 102 format CCYYMMDD (https://www.unece.org/trade/untid/d00a/tred/tred2379.htm). For Example: 20200820 represents 20 August 2020
End date	LPC0/ObligationGuarantee/Principal/AuthorizationCertificate/AuthorizationWithdrawal/ExpirationDateTime	End date of the withdrawal of the TIR Carnet holder from the TIR system	The value should be a date to be provided following the EDIFACT 102 format CCYYMMDD (https://www.unece.org/trade/untid/d00a/tred/tred2379.htm). For Example: 20200820 represents 20 August 2020
ACTIVEEXCLUSION	LPC0/ObligationGuarantee/Principal/AuthorizationCertificate/Exclusion	Class representing the list of potential exclusions of the TIR Carnet holder in specific countries, as per Article 38 of the TIR Convention	
Start date	LPC0/ObligationGuarantee/Principal/AuthorizationCertificate/Exclusion/EffectiveDateTime	Start date of the exclusion of the TIR Carnet holder from the TIR system in the country detailed in the related field below	The value should be a date to be provided following the EDIFACT 102 format CCYYMMDD (https://www.unece.org/trade/untid/d00a/tred/tred2379.htm). For Example: 20200820 represents 20 August 2020
End date	LPC0/ObligationGuarantee/Principal/AuthorizationCertificate/Exclusion/ExpirationDateTime	End date of the exclusion of the TIR Carnet holder from the TIR system in the country detailed in the related field below	The value should be a date to be provided following the EDIFACT 102 format CCYYMMDD (https://www.unece.org/trade/untid/d00a/tred/tred2379.htm). For Example: 20200820 represents 20 August 2020
Country, coded	LPC0/ObligationGuarantee/Principal/AuthorizationCertificate/Exclusion/CountryCode	Code of the country in which the TIR Carnet holder is excluded	The value should be the code of the country in which the TIR Carnet holder is excluded from the list Country name code (ISO 3166-1-alpha-2)



When reading the values of the second columns for both tables, note that the "Response/" XML base element has been removed to improve the readability, as it is repeated on every line.

6.3.4. Referred code lists

The following code lists are referred to in the field lists and should be considered when sending the message:

- [CL01](#) - Equipment size and type description code (UN/EDIFACT 8155)
- [CL02](#) - Party role code (UN/EDIFACT 3035)
- [CL04](#) - Country name code (ISO 3166-1-alpha-2)
- [CL05](#) - Transport means description code (UNECE Recommendation 28)
- [CL06](#) - Document name code (UN/EDIFACT 1001)
- [CL08](#) - Seal type code (eTIR)
- [CL12](#) - Guarantee type code (eTIR)
- [CL16](#) - Message function code (UN/EDIFACT 1225)
- [CL17](#) - Amendment type code (eTIR)
- [CL22](#) - Guarantee status (eTIR)
- [CL23](#) - Holder status (eTIR)
- [CL24](#) - Control result code (eTIR)
- [CL25](#) - Control type code (eTIR)
- [CL26](#) - Message types (eTIR)
- [CL27](#) - Termination type code (eTIR)
- [CL31](#) - Customs office role
- [CL99](#) - Error code (eTIR)



All code lists are described in the [eTIR code lists document](#).

6.3.5. Conditions and rules

The following condition(s) of the [eTIR conditions list](#) are referred to in the field lists and should be considered in the message:

- **C001:** IF EMPTY (PARTY.code)
THEN NOT EMPTY (PARTY.name , PARTY.ADDRESS)
- **C002:** IF (PACKAGING.Type, coded) = 'VQ', 'VG', 'VL', 'VY', 'VR' OR 'VO'
THEN OPTIONAL (PACKAGING.Marks and numbers)
AND EMPTY (PACKAGING.Number of packages)
ELSE IF (PACKAGING.Type, coded) = 'NE', 'NF' OR 'NG'
THEN OPTIONAL (PACKAGING.Marks and numbers)
AND NOT EMPTY (PACKAGING.Number of packages)
ELSE NOT EMPTY (PACKAGING.Marks and numbers)
AND NOT EMPTY (PACKAGING.Number of packages)
- **C003:** IF (CONSIGNMENT.Heavy or bulky goods indicator) = FALSE
THEN NOT EMPTY (TRANSPORTEQUIPMENT)
ELSE EMPTY (TRANSPORTEQUIPMENT)
- **C004:** IF EMPTY (GOODS.CLASSIFICATION) OR (GOODS.CLASSIFICATION.Type) <> 'HS'
THEN NOT EMPTY (GOODS.Description)
- **C005:** IF (CONSIGNMENT.Heavy or bulky goods indicator) = FALSE AND (CONSIGNMENT.Container

```
transport indicator) = '69 - FALSE'
THEN NOT EMPTY (TRANSPORTEQUIPMENT.CERTIFICATEOFAPPROVAL)
ELSE EMPTY (TRANSPORTEQUIPMENT.CERTIFICATEOFAPPROVAL)
```

- **C006:** IF (MESSAGE.Message function, coded) = '6', '11', '44' OR '45'
THEN EMPTY (ERROR)
ELSE IF (MESSAGE.Message function, coded) = '10' OR '27'
THEN NOT EMPTY (ERROR)

The following rules of the [eTIR rules list](#) are referred to in the field lists and should be considered in the message:

- **R001:** Each country of routing shall have a unique sequence number. They shall be numbered from 1 to the number of countries through which the means of transport travels and represent the order in which countries are travelled, from departure to destination.
- **R002:** Each transport means shall have a unique sequence number. They shall be numbered from 1 to the number of transport means involved in the transport and represent the order in which transport means are used, from departure to destination.
- **R003:** Re-use a sequence number to indicate that a seal has been replaced.
- **R004:** Use new sequence number only to mention additional seals.
- **R005:** Indicate that a seal has been removed and not replaced with an "X" in the "seals number" field of the transport equipment sequence corresponding to the removed seal.
- **R006:** Required in case the seals have been changed, added or removed.
- **R007:** Even in case of multiple consignments in the declaration, only the first consignment is listed, and all transport equipment used must be listed only in that consignment.
- **R008:** The first occurrence of GOODS.CLASSIFICATION must be of type "HS".

6.3.6. How to use response data in the guarantee chain systems

The eTIR international system will return whether there were errors while processing the request message by filling in the "Error" list. Therefore, and as for all response messages expected from the eTIR international system, the first step when parsing the **E6 - Query results** response message should always be to look for potential error elements in the response message and address them accordingly as mentioned in the Error Management section of the [Introduction document](#).

6.3.7. Applicable error codes

As the eTIR international system may return error codes, the [eTIR web services introduction document](#) contains a dedicated section describing how and where to find those error codes in the response messages. Find below the list of error codes that may be returned as part of the **E6 - Query results** response message as well as the recommended actions to address them:

100 - Invalid message

Kindly check the message itself and its format as it is not recognized by the eTIR international system. Kindly contact the eTIR service desk to send the content of the message communicated, the timestamps and the steps to reproduce this issue in order to address it.

101 - Missing field

Kindly check the message parameters, in particular the parameters marked as mandatory in the message description section of this document, and make sure that all mandatory parameters are part of the message.

102 - Invalid domain for the value

Kindly check the coded parameter, its values and corresponding code lists. Make sure that each coded parameter is using one of the values of the corresponding code list.

105 - Field value length exceeded

Kindly check the parameter value lengths. Make sure that each parameter length does not exceed the max length as defined in the documentation in the Format column.

106 - Invalid pattern

Kindly check the pattern of the parameter value as it does not match the requirements set for this attribute in XML Schema Definition of the message.

107 - Invalid field

Kindly check the element specified as it may not follow the order defined in the XML Schema Definition of the message.

156 - Condition C006 failure

Kindly check the parameters constrained by the condition [C006] and make sure their values respect:

```
IF (MESSAGE.Message function, coded) = '6', '11', '44' OR '45'  
THEN EMPTY (ERROR)  
ELSE IF (MESSAGE.Message function, coded) = '10' OR '27'  
THEN NOT EMPTY (ERROR).
```

200 - Invalid State

Kindly check the state of the referred object (transport, guarantee, ...) and make sure it is consistent with the eTIR international system requested web service called.

300 - Invalid Operation

Kindly check the message content as it triggered a technical error in the eTIR international system but this one could not identify the source of the issue.

301 - guarantee not found

Kindly check the value of the guarantee reference ID in the message and make sure it matches the value received in previous messages.

302 - guarantee chain not found

Kindly check the value of the guarantee chain ID in the message and make sure it matches the value received in previous messages.

303 - guarantee type not found

Kindly check the value of the guarantee type in the message and make sure it belongs to the [Guarantee type code \(eTIR\)](#) code list, and that it matches the value received in previous messages.

322 - Holder not found

Kindly check the value of the TIR carnet holder in the message and make sure it matches the value received in previous messages. If it does, kindly double check the id of the holder using either eTIR I3 message, ITDB web service or ITDB web application.

330 - guarantee chain not authorized

Kindly check the value of the guarantee chain ID in the message and make sure it matches the value received in previous messages.

400 - eTIR internal errors

Kindly contact eTIR support (see [Support and contact](#)) to send the content of the message communicated, the timestamps and the steps to reproduce this issue in order to address it.



The full list of error codes can be found on the [dedicated error code list web page](#).

6.3.8. Example

The example below shows the XML data of the **E6 - Query results** message received in response to the POST of the **E5 - Query guarantee** message. This response message (Function code **11 - Response**) of the type **E6 - Query results**, containing no error codes, describes all the information related to the guarantee **XF95001234**, issued on **11/03/2021** and currently **In use** (Guarantee status code **002 - In use**), for the transport of 15 tons of "COVID-19 Diagnostic Test instruments and apparatus" sent by truck from Georgia to Iran (through Turkey) by the TIR Carnet holder **GEO/054/9890**, and recorded as **16GEO3503000051123** by the national customs system of the country of departure.



It is important to understand that the absence of error in the **E6 - Query results** response message is the key indicator that the guarantee does indeed exist. Using **E5 - Query guarantee message** is a good way to verify a guarantee existence as well as its current status.

E6 - Query results response message

```
<?xml version="1.0" encoding="UTF-8"?>
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
  xmlns:ns2="http://etir.org/v4.3/guaranteeChain"
  xmlns:ns3="http://etir.org/v4.3/E6"
  xmlns:md="http://etir.org/v4.3/DocumentMetaData"
  xmlns:ns4="http://etir.org/v4.3/DataSets">
  <soap:Header xmlns="http://www.w3.org/2005/08/addressing"
    xmlns:wssu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd">
    <wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd"
      xmlns:wssu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
      soap:mustUnderstand="true">
      (...)
    </wsse:Security>
    <Action>http://etir.org/v4.3/guaranteeChain/queryGuaranteeResponse</Action>
    <MessageID>urn:uuid:b8acdda4-e66b-4425-8cad-e92b628f3c44</MessageID>
    (...)
  </soap:Header>
  <soap:Body xmlns:wssu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
    wssu:Id="id-6feddbf2-9eea-4c8d-af5c-38568641133b">
    <ns2:queryResults>
      <ns3:DocumentMetadata>
        <md:ResponsibleAgencyCode>AJ</md:ResponsibleAgencyCode>
        <md:AgencyAssignedCustomizationCode>1</md:AgencyAssignedCustomizationCode>
        <md:AgencyAssignedCustomizationVersionCode>1</md:AgencyAssignedCustomizationVersionCode>
        <md:CommunicationMetaData>
          <md:PreparationDateTime formatCode="208">20201122113346+0200</md:PreparationDateTime>
          <md:Recipient>
            <md:ID>senderID</md:ID>
          </md:Recipient>
          <md:Sender>
            <md:ID>eTIR international system</md:ID>
          </md:Sender>
        </md:CommunicationMetaData>
      </ns3:DocumentMetadata>
      <ns3:Response>
        <ns3:Function>11</ns3:Function>
        <ns3:FunctionalReferenceID>74043437-d6ab-4a79-9bd5-f1f2a8ecc1e2</ns3:FunctionalReferenceID>
      </ns3:Response>
    </ns2:queryResults>
  </soap:Body>
</soap:Envelope>
```

```

<ns3:ID>92175bf6-89bf-4b56-9451-166964fa8d5f</ns3:ID>
<ns3:TypeCode>E6</ns3:TypeCode>
<ns3:ObligationGuarantee>
  <ns3:AcceptanceDateTime formatCode="208">20210315183234+0200</ns3:AcceptanceDateTime>
  <ns3:CancellationDateTime/>
  <ns3:ExpirationDateTime>20500123</ns3:ExpirationDateTime>
  <ns3:IssueDateTime>20210311152334+0200</ns3:IssueDateTime>
  <ns3:StatusCode>002</ns3:StatusCode>
  <ns3:ReferenceID>XF95001234</ns3:ReferenceID>
  <ns3:SecurityDetailsCode>Z</ns3:SecurityDetailsCode>
  <ns3:Declaration>
    <ns3:IssueDateTime formatCode="208">20210315184536+0100</ns3:IssueDateTime>
    <!--Optional:-->
    <ns3:AdditionalInformation/>
    <!--Optional:-->
    <ns3:Agent>
      <ns4:ID>AG2457-GE0154</ns4:ID>
      <ns4:RoleCode>AG</ns4:RoleCode>
    </ns3:Agent>
    <!--Optional:-->
    <ns3:Carrier>
      <ns4:ID>GEO/054/9890</ns4:ID>
    </ns3:Carrier>
    <!--Zero or more repetitions:-->
    <ns3:Consignment>
      <ns4:ContainerCode>69</ns4:ContainerCode>
      <ns4:SequenceNumeric>1</ns4:SequenceNumeric>
      <ns4:HeavyOrBulkyGoodsIndicator>0</ns4:HeavyOrBulkyGoodsIndicator>
      <!--Zero or more repetitions:-->
      <ns4:AdditionalDocument>
        <ns4:ID>attached_document_001</ns4:ID>
        <ns4:IssueDateTime formatCode="102">20210403</ns4:IssueDateTime>
        <ns4:TypeCode>730</ns4:TypeCode>
        <ns4:BinaryFile>
          <ns4:ID>1</ns4:ID>
          <ns4:Title>CMR</ns4:Title>
          <ns4:IncludedBinaryObjectBinaryObject>dGhpcyBpcyBhIH (...) R1c3QgZmlsZQ==
          </ns4:IncludedBinaryObjectBinaryObject>
          <ns4:AuthorName>Mikheil Beridze</ns4:AuthorName>
          <ns4:VersionID>1</ns4:VersionID>
          <ns4:FileNameText>cmr12482.pdf</ns4:FileNameText>
          <ns4:MIMECode>application/pdf</ns4:MIMECode>
          <ns4:EncodingCode>UTF-8</ns4:EncodingCode>
          <ns4:CharacterSetCode>UTF-8</ns4:CharacterSetCode>
          <ns4:Description>The CMR linked to the TIR transport</ns4:Description>
          <ns4:SizeMeasure unitCode="2P">754</ns4:SizeMeasure>
          <ns4:TypeCode>pdf</ns4:TypeCode>
          <ns4:HashCode>54b0c58c7ce9f2a8b551351102ee0938</ns4:HashCode>
          <ns4:HashCodeAlgorithmIDCode>MD5</ns4:HashCodeAlgorithmIDCode>
        </ns4:BinaryFile>
      </ns4:AdditionalDocument>
      <!--1 or more repetitions:-->
      <ns4:ConsignmentItem>
        <ns4:SequenceNumeric>1</ns4:SequenceNumeric>
        <!--Zero or more repetitions:-->
        <ns4:AdditionalInformation>
          <ns4:Content languageID="EN">Instruments used in clinical laboratories for
In
          Vitro Diagnosis
          </ns4:Content>
        </ns4:AdditionalInformation>
        <ns4:Commodity>
          <ns4:CargoDescription languageID="EN">COVID-19 Diagnostic Test instruments
and
          apparatus
          </ns4:CargoDescription>
        <!--Zero or more repetitions:-->

```

```

<ns4:Classification>
  <ns4:ID>9027.80</ns4:ID>
  <ns4:IdentificationTypeCode>HS</ns4:IdentificationTypeCode>
</ns4:Classification>
</ns4:Commodity>
<!--Optional:-->
<ns4:Consignee>
  <ns4:ID>CE368324456</ns4:ID>
</ns4:Consignee>
<!--Optional:-->
<ns4:Consignor>
  <ns4:ID>C0654832668</ns4:ID>
</ns4:Consignor>
<!--Optional:-->
<ns2:DeliveryDestination>
  <ns2:Name>Tehran Fictitious Hospital</ns2:Name>
  <ns2:Address>
    <ns2:CityName>Tehran</ns2:CityName>
    <ns2:CountryCode>IR</ns2:CountryCode>
    <ns2:Line>Shoosh St</ns2:Line>
    <ns2:PostcodeID>1230</ns2:PostcodeID>
  </ns2:Address>
</ns2:DeliveryDestination>
<ns4:GoodsMeasure>
  <ns4:GrossMassMeasure unitCode="KGM">15000</ns4:GrossMassMeasure>
</ns4:GoodsMeasure>
<ns4:Packaging>
  <ns4:TypeCode>V0</ns4:TypeCode>
</ns4:Packaging>
<!--Optional:-->
<ns4:TransportEquipment>
  <ns4:ID>TE1</ns4:ID>
</ns4:TransportEquipment>
<!--Optional:-->
<ns4:UCR>
  <!--Optional:-->
  <ns4:ID>UCR</ns4:ID>
</ns4:UCR>
</ns4:ConsignmentItem>
<!--Optional:-->
<ns4>LoadingLocation>
  <!--Optional:-->
  <ns4:Name languageID="EN">Fictitious Factory</ns4:Name>
</ns4>LoadingLocation>
<!--Optional:-->
<ns4:NotifyParty>
</ns4:NotifyParty>
<ns4:TransitDeparture>
  <ns4:ID>GE0715</ns4:ID>
</ns4:TransitDeparture>
<ns4:TransitDestination>
  <ns4:ID>IR0287</ns4:ID>
</ns4:TransitDestination>
<!--1 or more repetitions:-->
<ns4:TransitTransportMeans>
  <ns4:ID>CM-875-KZ</ns4:ID>
  <ns4:TypeCode>33</ns4:TypeCode>
  <ns4:RegistrationNationalityCode>GE</ns4:RegistrationNationalityCode>
  <ns4:JourneyID>J-12745124</ns4:JourneyID>
  <ns4:Itinerary>
    <ns4:SequenceNumeric>1</ns4:SequenceNumeric>
    <ns4:RoutingCountryCode>GE</ns4:RoutingCountryCode>
    <!--1 or more repetitions:-->
    <ns4:CustomsOffice>
      <ns4:SequenceNumeric>1</ns4:SequenceNumeric>
      <ns4:ID>GE000040</ns4:ID>
      <ns4:RoleCode>001</ns4:RoleCode>
    </ns4:CustomsOffice>
  </ns4:Itinerary>
</ns4:TransitTransportMeans>

```



```

</ns4:CustomsOffice>
<ns4:CustomsOffice>
  <ns4:SequenceNumeric>2</ns4:SequenceNumeric>
  <ns4:ID>GE000610</ns4:ID>
  <ns4:RoleCode>005</ns4:RoleCode>
</ns4:CustomsOffice>
</ns4:Itinerary>
<ns4:Itinerary>
  <ns4:SequenceNumeric>2</ns4:SequenceNumeric>
  <ns4:RoutingCountryCode>TR</ns4:RoutingCountryCode>
  <ns4:CustomsOffice>
    <ns4:SequenceNumeric>1</ns4:SequenceNumeric>
    <ns4:ID>TR001141</ns4:ID>
    <ns4:RoleCode>004</ns4:RoleCode>
  </ns4:CustomsOffice>
  <ns4:CustomsOffice>
    <ns4:SequenceNumeric>2</ns4:SequenceNumeric>
    <ns4:ID>TR001251</ns4:ID>
    <ns4:RoleCode>005</ns4:RoleCode>
  </ns4:CustomsOffice>
</ns4:Itinerary>
<ns4:Itinerary>
  <ns4:SequenceNumeric>3</ns4:SequenceNumeric>
  <ns4:RoutingCountryCode>IR</ns4:RoutingCountryCode>
  <ns4:CustomsOffice>
    <ns4:SequenceNumeric>1</ns4:SequenceNumeric>
    <ns4:ID>IR000690</ns4:ID>
    <ns4:RoleCode>004</ns4:RoleCode>
  </ns4:CustomsOffice>
  <ns4:CustomsOffice>
    <ns4:SequenceNumeric>2</ns4:SequenceNumeric>
    <ns4:ID>IR000100</ns4:ID>
    <ns4:RoleCode>003</ns4:RoleCode>
  </ns4:CustomsOffice>
</ns4:Itinerary>
</ns4:TransitTransportMeans>
<!--Zero or more repetitions:-->
<ns4:TransportEquipment>
  <ns4:SequenceNumeric>1</ns4:SequenceNumeric>
  <ns4:CharacteristicCode>CC1</ns4:CharacteristicCode>
  <ns4:ID>TE1</ns4:ID>
  <ns4:AdditionalDocument>
    <ns4:ID>CoA-4873218</ns4:ID>
    <ns4:IssueDateTime formatCode="208">20210422113346+0400</ns4:IssueDateTime>
    <ns4:TypeCode>CoA</ns4:TypeCode>
    <ns4:BinaryFile>
      <ns4:ID>1</ns4:ID>
      <ns4:Title>Certificate of approval</ns4:Title>
      <ns4:AuthorName>Georgian customs</ns4:AuthorName>
      <ns4:VersionID>1</ns4:VersionID>
      <ns4:URIID>https://my.server/fileFolder/CoA.pdf</ns4:URIID>
      <ns4:Access>Password:mysecurepassword</ns4:Access>
      <ns4:Description>The scan copy of the certificate of approval of the TIR
        truck
      </ns4:Description>
      <ns4:SizeMeasure unitCode="4L">2.457</ns4:SizeMeasure>
      <ns4:TypeCode>pdf</ns4:TypeCode>
      <ns4:HashCode>4b8c7b76204678a76d6a8ab83f5563d0</ns4:HashCode>
      <ns4:HashCodeAlgorithmIDCode>MD5</ns4:HashCodeAlgorithmIDCode>
    </ns4:BinaryFile>
  </ns4:AdditionalDocument>
  <!--Zero or more repetitions:-->
  <ns4:Seal>
  </ns4:Seal>
</ns4:TransportEquipment>
</ns3:Consignment>
<!--Zero or more repetitions:-->

```

```

<ns3:DeclarationGuarantee>
  <ns3:ExpirationDateTime formatCode="102">20500123</ns3:ExpirationDateTime>
  <ns3:ReferenceID>XF95001234</ns3:ReferenceID>
</ns3:DeclarationGuarantee>
<!--Optional:-->
<!--principal mandatory for process even if not in wsdl-->
<ns3:Principal>
  <ns3:ID>GEO/054/9890</ns3:ID>
</ns3:Principal>
</ns3:Declaration>
<ns3:Surety>
  <ns3:ID>IRU</ns3:ID>
</ns3:Surety>
<ns3:TransitOperation>
  <ns4:SequenceNumeric>1</ns4:SequenceNumeric>
  <ns4:RegistrationID>16GE03503000051123</ns4:RegistrationID>
  <ns4:OperationStart>
    <ns4:InspectionEndDateTime>20210422113346+0400</ns4:InspectionEndDateTime>
    <ns4:LimitDateTime>20210422113346+0400</ns4:LimitDateTime>
    <ns4:Consignment>
      <ns4:SequenceNumeric>1</ns4:SequenceNumeric>
      <ns4:TransportEquipment>
        <ns4:ID>TE1</ns4:ID>
        <ns4:Seal>
          <ns4:SequenceNumeric>1</ns4:SequenceNumeric>
          <ns4:ID>GE457-1</ns4:ID>
        </ns4:Seal>
      </ns4:TransportEquipment>
    </ns4:Consignment>
    <ns4:Control>
      <ns4:TypeCode>001</ns4:TypeCode>
      <ns4:ControlResult>
        <ns4:ID>0</ns4:ID>
      </ns4:ControlResult>
    </ns4:Control>
    <ns4:TransitOperationStartOffice>
      <ns4:ID>GE0715</ns4:ID>
    </ns4:TransitOperationStartOffice>
  </ns4:OperationStart>
</ns3:TransitOperation>
<ns3:Principal>
  <ns4:Name>Georgian Logistic LTD</ns4:Name>
  <ns4:ID>GEO/054/9890</ns4:ID>
  <ns4:Address>
    <ns4:CityName/>
    <ns4:CountryCode>GEO</ns4:CountryCode>
    <ns4:Line/>
    <ns4:PostcodeID/>
  </ns4:Address>
  <ns4:AuthorizationCertificate>
    <ns4:StatusCode>001</ns4:StatusCode>
  </ns4:AuthorizationCertificate>
</ns3:Principal>
</ns3:ObligationGuarantee>
</ns3:Response>
</ns3:DocumentMetadata>
</ns2:queryResults>
</soap:Body>
</soap:Envelope>

```



Some field original contents have been shortened (...) in this document for the sake of readability, in particular the whole **header/security** content that is described in the [eTIR web services introduction document](#).

7. Fallback procedures

In the event that the **E5 - Query guarantee** message could not be sent after several attempts or if no **E6 - Query results** message was received in response, we recommend the guarantee chain team to contact eTIR service desk ([Support and contact](#)).

Also note that the functional fallback procedures can be found in the dedicated section of the [eTIR functional specifications](#).

8. Support and contact

Kindly note that in the context of the interconnections projects by guarantee chains, the eTIR service desk stands ready to assist their IT teams while interconnecting their information systems to the eTIR international system. Also, in case of questions or issues related to this document or to the eTIR international system, you can use the contact details below (contacts by email should be preferred).

Organization United Nations Economic Commission For Europe
TIR secretariat
Palais des Nations,
1211 Geneva 10, Switzerland

Contact Email: etir@un.org
Phone: +41 (0)22 917 55 06

9. Annexes

9.1. Version history

Date	Author	Version	Notes	eTIR specification version reference
15/06/2021	TIR secretariat	1.0	Initial draft	4.3a
06/09/2021	TIR secretariat	1.1	Added message metadata documentation and updated URLs to point to new eTIR documentation portal	4.3.0
17/11/2021	TIR secretariat	1.2	Updated references to the newly published online code lists document	4.3.0
22/12/2021	TIR secretariat	1.3	Updated references to the newly published online code lists document	4.3.0
07/06/2022	TIR secretariat	1.4	Updated message description including itinerary customs office details and date formats	4.3.8

9.2. More examples

Please find below three additional examples of the E5 - Query guarantee / E6 - Query results messages showing how, by changing value of the ReplyTypeCode (based on the list [Reply type code \(eTIR\)](#)), the contents of the response changes.

9.2.1. Example 1: ReplyTypeCode=01 - Return only guarantee information

E5 - Query guarantee request message:

The example below shows the XML data to be sent via POST method to the eTIR international system [endpoint URL](#) by the guarantee chain system to query the guarantee information only (Reply Type Code **01 - Return only guarantee information**) related to the guarantee **XF95001234**.

E5 - Query guarantee request message

```
<?xml version="1.0" encoding="UTF-8"?>
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
  xmlns:cus="http://etir.org/v4.3/guaranteeChain"
  xmlns:md="http://etir.org/v4.3/DocumentMetaData"
  xmlns:urn="http://etir.org/v4.3/E5">
  <soap:Header xmlns:wsa="http://www.w3.org/2005/08/addressing">
    <?xml version="1.0" encoding="UTF-8"?>
    (...)
    <wsa:Action>http://etir.org/v4.3/guaranteeChain/queryGuarantee</wsa:Action>
    <wsa:MessageID>uuid:ac8d756b-aa5f-4574-9f27-a41e59cf81bc</wsa:MessageID>
    (...)
  </soap:Header>
  <soap:Body xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
    wsu:Id="id-47fc4e56-b658-4e37-84b1-57a675502b4f">
    <cus:queryGuarantee>
      <urn:DocumentMetadata>
        <md:ResponsibleAgencyCode>AJ</md:ResponsibleAgencyCode>
        <md:AgencyAssignedCustomizationCode>1</md:AgencyAssignedCustomizationCode>
        <md:AgencyAssignedCustomizationVersionCode>1</md:AgencyAssignedCustomizationVersionCode>
        <md:CommunicationMetaData>
          <md:PreparationDateTime formatCode="208">20201122113346+0200</md:PreparationDateTime>
          <md:Recipient>
            <md:ID>eTIR international system</md:ID>
          </md:Recipient>
          <md:Sender>
            <md:ID>senderID</md:ID>
          </md:Sender>
        </md:CommunicationMetaData>
      </urn:DocumentMetadata>
      <urn:LPCO>
        <urn:Function>9</urn:Function>
        <urn:ID>5cc52fcb-48dc-417e-98be-f3e47b231e74</urn:ID>
        <urn:TypeCode>E5</urn:TypeCode>
        <urn:ReplyTypeCode>01</urn:ReplyTypeCode>
        <urn:ObligationGuarantee>
          <urn:ReferenceID>XF95001234</urn:ReferenceID>
        </urn:ObligationGuarantee>
      </urn:LPCO>
    </cus:queryGuarantee>
  </soap:Body>
</soap:Envelope>
```



Some field original contents have been shortened (...) in this document for the sake of readability, in particular the whole **header/security** content that is described in the [eTIR web services introduction document](#).

E6 - Query results response message:

The example below shows the XML data of the **E6 - Query results** message received in response to the POST of the **E5 - Query guarantee** message. This response message (Function code **11 - Response**) of the type **E6 - Query results**, containing no error codes, describes the guarantee information related to the guarantee **XF95001234**, issued on **11/05/2021** and currently **In use** (Guarantee status code ***002 - In use**) by the guarantee chain **IRU**.

E6 - Query results response message

```
<?xml version="1.0" encoding="UTF-8"?>
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope">
  <soap:Header>
    <wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd"
      xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
      soap:mustUnderstand="true">
      (...)
    </wsse:Security>
    <Action>http://etir.org/v4.3/guaranteeChain/queryGuaranteeResponse</Action>
    <MessageID>urn:uuid:b8acda4-e66b-4425-8cad-e92b628f3c44</MessageID>
    (...)
  </soap:Header>
  <soap:Body xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
    wsu:Id="id-e7027529-5d71-4647-9f0e-ffef9883a1cc">
    <ns2:queryResults xmlns:ns2="http://etir.org/v4.3/guaranteeChain"
      xmlns:ns3="http://etir.org/v4.3/E6"
      xmlns:md="http://etir.org/v4.3/DocumentMetadata">
      <ns3:DocumentMetadata>
        <md:ResponsibleAgencyCode>AJ</md:ResponsibleAgencyCode>
        <md:AgencyAssignedCustomizationCode>1</md:AgencyAssignedCustomizationCode>
        <md:AgencyAssignedCustomizationVersionCode>1</md:AgencyAssignedCustomizationVersionCode>
        <md:CommunicationMetadata>
          <md:PreparationDateTime formatCode="208">20201122113346+0200</md:PreparationDateTime>
          <md:Recipient>
            <md:ID>senderID</md:ID>
          </md:Recipient>
          <md:Sender>
            <md:ID>eTIR international system</md:ID>
          </md:Sender>
        </md:CommunicationMetadata>
      </ns3:DocumentMetadata>
      <ns3:Response>
        <ns3:Function>11</ns3:Function>
        <ns3:FunctionalReferenceID>5cc52fcb-48dc-417e-98be-f3e47b231e74</ns3:FunctionalReferenceID>
        <ns3:ID>7ff0b301-ba61-4b84-be07-6a9c21d0b22a</ns3:ID>
        <ns3:TypeCode>E6</ns3:TypeCode>
        <ns3:ObligationGuarantee>
          <ns3:AcceptanceDateTime formatCode="208">20210315183234+0200</ns3:AcceptanceDateTime>
          <ns3:CancellationDateTime/>
          <ns3:ExpirationDateTime>20500123</ns3:ExpirationDateTime>
          <ns3:IssueDateTime>20210315183234+0200</ns3:IssueDateTime>
          <ns3:StatusCode>002</ns3:StatusCode>
          <ns3:ReferenceID>XF95001234</ns3:ReferenceID>
          <ns3:SecurityDetailsCode>Z</ns3:SecurityDetailsCode>
          <ns3:Surety>
            <ns3:ID>IRU</ns3:ID>
          </ns3:Surety>
        </ns3:ObligationGuarantee>
      </ns3:Response>
    </ns3:DocumentMetadata>
  </ns2:queryResults>
</soap:Body>
</soap:Envelope>
```

9.2.2. Example 2: ReplyTypeCode=02 - Return only declaration information

E5 - Query guarantee request message:

The example below shows the XML data to be sent via POST method to the eTIR international system [endpoint URL](#) by the guarantee chain system to query the declaration information only (Reply Type Code **02 - Return only declaration information**) related to the guarantee **XF95001234**.

E5 - Query guarantee request message

```
<?xml version="1.0" encoding="UTF-8"?>
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
  xmlns:cus="http://etir.org/v4.3/guaranteeChain"
  xmlns:md="http://etir.org/v4.3/DocumentMetaData"
  xmlns:urn="http://etir.org/v4.3/E5">
  <soap:Header xmlns:wsa="http://www.w3.org/2005/08/addressing">
    <?xml version="1.0" encoding="UTF-8"?>
    (...)
    <wsa:Action>http://etir.org/v4.3/guaranteeChain/queryGuarantee</wsa:Action>
    <wsa:MessageID>uuid:d1d0781e-fad2-45ab-81de-e552b213bc2a</wsa:MessageID>
    (...)
  </soap:Header>
  <soap:Body xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
    wsu:Id="id-3afce3fa-df87-42ab-b438-5377eb13d20a">
    <cus:queryGuarantee>
      <urn:DocumentMetadata>
        <md:ResponsibleAgencyCode>AJ</md:ResponsibleAgencyCode>
        <md:AgencyAssignedCustomizationCode>1</md:AgencyAssignedCustomizationCode>
        <md:AgencyAssignedCustomizationVersionCode>1</md:AgencyAssignedCustomizationVersionCode>
        <md:CommunicationMetaData>
          <md:PreparationDateTime formatCode="208">20201122113346+0200</md:PreparationDateTime>
          <md:Recipient>
            <md:ID>eTIR international system</md:ID>
          </md:Recipient>
          <md:Sender>
            <md:ID>senderID</md:ID>
          </md:Sender>
        </md:CommunicationMetaData>
      </urn:DocumentMetadata>
      <urn:LPCO>
        <urn:Function>9</urn:Function>
        <urn:ID>c5d13175-1111-458f-a4da-4ba7dadaeadd</urn:ID>
        <urn:TypeCode>E5</urn:TypeCode>
        <urn:ReplyTypeCode>02</urn:ReplyTypeCode>
        <urn:ObligationGuarantee>
          <urn:ReferenceID>XF95001234</urn:ReferenceID>
        </urn:ObligationGuarantee>
      </urn:LPCO>
    </cus:queryGuarantee>
  </soap:Body>
</soap:Envelope>
```



Some field original contents have been shortened (...) in this document for the sake of readability, in particular the whole **header/security** content that is described in the [eTIR web services introduction document](#).

E6 - Query results response message:

The example below shows the XML data of the **E6 - Query results** message received in response to the POST of the **E5 - Query guarantee** message. This response message (Function code **11 - Response**) of the type **E6 - Query results**, containing no error codes, describes the declaration information related to the guarantee **XF95001234**, for the transport of 15 tons of "COVID-19 Diagnostic Test instruments and

apparatus" sent by truck from Georgia to Iran (through Turkey) by the TIR Carnet holder GEO/054/9890.

E6 - Query results response message

```
<?xml version="1.0" encoding="UTF-8"?>
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope">
  <soap:Header>
    <wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd"
      xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
      soap:mustUnderstand="true">
      (...)
    </wsse:Security>
    <Action>http://etir.org/v4.3/guaranteeChain/queryGuaranteeResponse</Action>
    <MessageID>urn:uuid:b8acda4-e66b-4425-8cad-e92b628f3c44</MessageID>
    (...)
  </soap:Header>
  <soap:Body xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
    wsu:Id="id-bda9c9ca-d50a-48da-9a82-7bf2eff141c9">
    <ns2:queryResults xmlns:ns2="http://etir.org/v4.3/guaranteeChain"
      xmlns:ns3="http://etir.org/v4.3/E6"
      xmlns:md="http://etir.org/v4.3/DocumentMetaData"
      xmlns:ns4="http://etir.org/v4.3/DataSets">
      <ns3:DocumentMetadata>
        <md:ResponsibleAgencyCode>AJ</md:ResponsibleAgencyCode>
        <md:AgencyAssignedCustomizationCode>1</md:AgencyAssignedCustomizationCode>
        <md:AgencyAssignedCustomizationVersionCode>1</md:AgencyAssignedCustomizationVersionCode>
        <md:CommunicationMetadata>
          <md:PreparationDateTime formatCode="208">20201122113346+0200</md:PreparationDateTime>
          <md:Recipient>
            <md:ID>senderID</md:ID>
          </md:Recipient>
          <md:Sender>
            <md:ID>eTIR international system</md:ID>
          </md:Sender>
        </md:CommunicationMetadata>
        <ns3:Response>
          <ns3:Function>11</ns3:Function>
          <ns3:FunctionalReferenceID>c5d13175-1111-458f-a4da-4ba7dadaeadd</ns3:FunctionalReferenceID>
          <ns3:ID>3be4234b-675b-4dfb-9e23-d152a7be6122</ns3:ID>
          <ns3:TypeCode>E6</ns3:TypeCode>
          <ns3:ObligationGuarantee>
            <ns3:AcceptanceDateTime formatCode="208">20210315183234+0200</ns3:AcceptanceDateTime>
            <ns3:CancellationDateTime/>
            <ns3:ExpirationDateTime>20500123</ns3:ExpirationDateTime>
            <ns3:IssueDateTime>20210311152334+0200</ns3:IssueDateTime>
            <ns3:StatusCode>002</ns3:StatusCode>
            <ns3:ReferenceID>XF95001234</ns3:ReferenceID>
            <ns3:SecurityDetailsCode>Z</ns3:SecurityDetailsCode>
            <ns3:Declaration>
              <ns3:IssueDateTime formatCode="208">20210409094536+0100</ns3:IssueDateTime>
              <!--Optional:-->
              <ns3:AdditionalInformation/>
              <!--Optional:-->
              <ns3:Agent>
                <ns4:ID>AG2457-GE0154</ns4:ID>
                <ns4:RoleCode>AG</ns4:RoleCode>
              </ns3:Agent>
              <!--Optional:-->
              <ns3:Carrier>
                <ns4:ID>GEO/054/9890</ns4:ID>
              </ns3:Carrier>
              <!--Zero or more repetitions:-->
            </ns3:Declaration>
          </ns3:ObligationGuarantee>
        </ns3:Response>
      </ns3:DocumentMetadata>
    </ns2:queryResults>
  </soap:Body>
</soap:Envelope>
```

Diagnosis

```

<ns4:ContainerCode>69</ns4:ContainerCode>
<ns4:SequenceNumeric>1</ns4:SequenceNumeric>
<ns4:HeavyOrBulkyGoodsIndicator>0</ns4:HeavyOrBulkyGoodsIndicator>
<!--Zero or more repetitions:-->
<ns4:AdditionalDocument>
  <ns4:ID>attached_document_001</ns4:ID>
  <ns4:IssueDateTime formatCode="102">20210403</ns4:IssueDateTime>
  <ns4:TypeCode>730</ns4:TypeCode>
  <ns4:BinaryFile>
    <ns4:ID>1</ns4:ID>
    <ns4:Title>CMR</ns4:Title>
    <ns4:IncludedBinaryObjectBinaryObject>dGhpcyBpcyBhIH (...) Rlc3QgZmlsZQ==
    </ns4:IncludedBinaryObjectBinaryObject>
    <ns4:AuthorName>Mikheil Beridze</ns4:AuthorName>
    <ns4:VersionID>1</ns4:VersionID>
    <ns4:FileNameText>cmr12482.pdf</ns4:FileNameText>
    <ns4:MIMECode>application/pdf</ns4:MIMECode>
    <ns4:EncodingCode>UTF-8</ns4:EncodingCode>
    <ns4:CharacterSetCode>UTF-8</ns4:CharacterSetCode>
    <ns4:Description>The CMR linked to the TIR transport</ns4:Description>
    <ns4:SizeMeasure unitCode="2P">754</ns4:SizeMeasure>
    <ns4:TypeCode>pdf</ns4:TypeCode>
    <ns4:HashCode>54b0c58c7ce9f2a8b551351102ee0938</ns4:HashCode>
    <ns4:HashCodeAlgorithmIDCode>MD5</ns4:HashCodeAlgorithmIDCode>
  </ns4:BinaryFile>
</ns4:AdditionalDocument>
<!--1 or more repetitions:-->
<ns4:ConsignmentItem>
  <ns4:SequenceNumeric>1</ns4:SequenceNumeric>
  <!--Zero or more repetitions:-->
  <ns4:AdditionalInformation>
    <ns4:Content>Instruments used in clinical laboratories for In Vitro

    </ns4:Content>
  </ns4:AdditionalInformation>
  <ns4:Commodity>
    <ns4:CargoDescription>COVID-19 Diagnostic Test instruments and apparatus
    </ns4:CargoDescription>
    <!--Zero or more repetitions:-->
    <ns4:Classification>
      <ns4:ID>9027.80</ns4:ID>
      <ns4:IdentificationTypeCode>HS</ns4:IdentificationTypeCode>
    </ns4:Classification>
  </ns4:Commodity>
  <!--Optional:-->
  <ns4:Consignee>
    <ns4:ID>CE368324456</ns4:ID>
  </ns4:Consignee>
  <!--Optional:-->
  <ns4:Consignor>
    <ns4:ID>C0654832668</ns4:ID>
  </ns4:Consignor>
  <!--Optional:-->
  <ns4:DeliveryDestination>
    <ns4:Name>Tehran Fictitious Hospital</ns4:Name>
    <ns4:Address>
      <ns4:CityName>Tehran</ns4:CityName>
      <ns4:CountryCode>IR</ns4:CountryCode>
      <ns4:Line>Shoosh St</ns4:Line>
      <ns4:PostcodeID>1230</ns4:PostcodeID>
    </ns4:Address>
  </ns4:DeliveryDestination>
  <ns4:Goons4Measure>
    <ns4:GrossMassMeasure>15000</ns4:GrossMassMeasure>
  </ns4:Goons4Measure>
  <ns4:Packaging>
    <ns4:TypeCode>V0</ns4:TypeCode>
    <!-- no quantity rule C002

```

T-->

```

</ns4:Packaging>
<!--Optional:-->
<ns4:TransportEquipment>
  <ns4:ID>TE1</ns4:ID>
</ns4:TransportEquipment>
<!--Optional:-->
<ns4:UCR>
  <!--Optional:-->
  <ns4:ID>UCR</ns4:ID>
</ns4:UCR>
</ns4:ConsignmentItem>
<!--Optional:-->
<ns4>LoadingLocation>
  <!--Optional:-->
  <ns4:Name>Fictitious Factory</ns4:Name>
</ns4>LoadingLocation>
<!--Optional:-->
<ns4:NotifyParty>
</ns4:NotifyParty>
<ns4:TransitDeparture>
  <ns4:ID>GE0715</ns4:ID>
</ns4:TransitDeparture>
<ns4:TransitDestination>
  <ns4:ID>IR0287</ns4:ID>
</ns4:TransitDestination>
<!--1 or more repetitions:-->
<ns4:TransitTransportMeans>
  <ns4:ID>CM-875-KZ</ns4:ID>
  <ns4:TypeCode>33</ns4:TypeCode>
  <ns4:RegistrationNationalityCode>GE</ns4:RegistrationNationalityCode>
  <ns4:JourneyID>J-12745124</ns4:JourneyID>
  <ns4:Itinerary>
    <ns4:SequenceNumeric>1</ns4:SequenceNumeric>
    <ns4:RoutingCountryCode>GE</ns4:RoutingCountryCode>
    <!--1 or more repetitions:-->
    <ns4:CustomsOffice>
      <ns4:SequenceNumeric>1</ns4:SequenceNumeric>
      <ns4:ID>GE000040</ns4:ID>
      <ns4:RoleCode>001</ns4:RoleCode>
    </ns4:CustomsOffice>
    <ns4:CustomsOffice>
      <ns4:SequenceNumeric>2</ns4:SequenceNumeric>
      <ns4:ID>GE000610</ns4:ID>
      <ns4:RoleCode>005</ns4:RoleCode>
    </ns4:CustomsOffice>
  </ns4:Itinerary>
  <ns4:Itinerary>
    <ns4:SequenceNumeric>2</ns4:SequenceNumeric>
    <ns4:RoutingCountryCode>TR</ns4:RoutingCountryCode>
    <ns4:CustomsOffice>
      <ns4:SequenceNumeric>1</ns4:SequenceNumeric>
      <ns4:ID>TR001141</ns4:ID>
      <ns4:RoleCode>004</ns4:RoleCode>
    </ns4:CustomsOffice>
    <ns4:CustomsOffice>
      <ns4:SequenceNumeric>2</ns4:SequenceNumeric>
      <ns4:ID>TR001251</ns4:ID>
      <ns4:RoleCode>005</ns4:RoleCode>
    </ns4:CustomsOffice>
  </ns4:Itinerary>
  <ns4:Itinerary>
    <ns4:SequenceNumeric>3</ns4:SequenceNumeric>
    <ns4:RoutingCountryCode>IR</ns4:RoutingCountryCode>
    <ns4:CustomsOffice>
      <ns4:SequenceNumeric>1</ns4:SequenceNumeric>
      <ns4:ID>IR000690</ns4:ID>

```

```

        <ns4:RoleCode>004</ns4:RoleCode>
      </ns4:CustomsOffice>
      <ns4:CustomsOffice>
        <ns4:SequenceNumeric>2</ns4:SequenceNumeric>
        <ns4:ID>IR000100</ns4:ID>
        <ns4:RoleCode>003</ns4:RoleCode>
      </ns4:CustomsOffice>
    </ns4:Itinerary>
  </ns4:TransitTransportMeans>
  <!--Zero or more repetitions:-->
  <ns4:TransportEquipment>
    <ns4:SequenceNumeric>1</ns4:SequenceNumeric>
    <ns4:CharacteristicCode>CC1</ns4:CharacteristicCode>
    <ns4:ID>TE1</ns4:ID>
    <ns4:AdditionalDocument>
      <ns4:ID>CoA-4873218</ns4:ID>
      <ns4:IssueDateTime formatCode="208">20201122113346+0400</ns4:IssueDateTime>
      <ns4:TypeCode>CoA</ns4:TypeCode>
      <ns4:BinaryFile>
        <ns4:ID>1</ns4:ID>
        <ns4:Title>Certificate of approval</ns4:Title>
        <ns4:AuthorName>Georgia Revenue Service</ns4:AuthorName>
        <ns4:VersionID>1</ns4:VersionID>
        <ns4:URIID>https://my.server/fileFolder/CoA.pdf</ns4:URIID>
        <ns4:Access>Password:mysecurepassword</ns4:Access>
        <ns4:Description>The scan copy of the certificate of approval of the TIR
          truck
        </ns4:Description>
        <ns4:SizeMeasure unitCode="4L">2.457</ns4:SizeMeasure>
        <ns4:TypeCode>pdf</ns4:TypeCode>
        <ns4:HashCode>4b8c7b76204678a76d6a8ab83f5563d0</ns4:HashCode>
        <ns4:HashCodeAlgorithmIDCode>MD5</ns4:HashCodeAlgorithmIDCode>
      </ns4:BinaryFile>
    </ns4:AdditionalDocument>
    <!--Zero or more repetitions:-->
    <ns4:Seal>
    </ns4:Seal>
  </ns4:TransportEquipment>
</ns3:Consignment>
<!--Zero or more repetitions:-->
<ns3:DeclarationGuarantee>
  <ns3:ExpirationDateTime formatCode="102">20500123</ns3:ExpirationDateTime>
  <ns3:ReferenceID>XF95001234</ns3:ReferenceID>
</ns3:DeclarationGuarantee>
<!--Optional:-->
<!--principal mandatory for process even if not in wsdl-->
<ns3:Principal>
  <ns3:ID>GEO/054/9890</ns3:ID>
</ns3:Principal>
</ns3:Declaration>
<ns3:Surety>
  <ns3:ID>IRU</ns3:ID>
</ns3:Surety>
</ns3:ObligationGuarantee>
</ns3:Response>
</ns3:DocumentMetadata>
</ns2:queryResults>
</soap:Body>
</soap:Envelope>

```

9.2.3. Example 3: ReplyTypeCode=03 - Return only TIR transport information

E5 - Query guarantee request message:

The example below shows the XML data to be sent via POST method to the eTIR international system

endpoint URL by the guarantee chain system to query the TIR transport information only (Reply Type Code **03 - Return only TIR transport information**) related to the guarantee **XF95001234**.

E5 - Query guarantee request message

```
<?xml version="1.0" encoding="UTF-8"?>
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope"
  xmlns:cus="http://etir.org/v4.3/guaranteeChain"
  xmlns:md="http://etir.org/v4.3/DocumentMetaData"
  xmlns:urn="http://etir.org/v4.3/E5">
  <soap:Header xmlns:wsa="http://www.w3.org/2005/08/addressing">
    <?xml version="1.0" encoding="UTF-8"?>
    (...)
    <wsa:Action>http://etir.org/v4.3/guaranteeChain/queryGuarantee</wsa:Action>
    <wsa:MessageID>uuid:b450d41b-25b2-4780-9ae9-2454929717da</wsa:MessageID>
    (...)
  </soap:Header>
  <soap:Body xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
    wsu:Id="id-7d2a373e-c308-4e36-a1ee-eea206d5fa03">
    <cus:queryGuarantee>
      <urn:DocumentMetadata>
        <md:ResponsibleAgencyCode>AJ</md:ResponsibleAgencyCode>
        <md:AgencyAssignedCustomizationCode>1</md:AgencyAssignedCustomizationCode>
        <md:AgencyAssignedCustomizationVersionCode>1</md:AgencyAssignedCustomizationVersionCode>
        <md:CommunicationMetaData>
          <md:PreparationDateTime formatCode="208">20201122113346+0200</md:PreparationDateTime>
          <md:Recipient>
            <md:ID>eTIR international system</md:ID>
          </md:Recipient>
          <md:Sender>
            <md:ID>senderID</md:ID>
          </md:Sender>
        </md:CommunicationMetaData>
      </urn:DocumentMetadata>
      <urn:LPCO>
        <urn:Function>9</urn:Function>
        <urn:ID>f4d6dae3-9d73-40dd-87d5-8a0749e9e209</urn:ID>
        <urn:TypeCode>E5</urn:TypeCode>
        <urn:ReplyTypeCode>03</urn:ReplyTypeCode>
        <urn:ObligationGuarantee>
          <urn:ReferenceID>XF95001234</urn:ReferenceID>
        </urn:ObligationGuarantee>
      </urn:LPCO>
    </cus:queryGuarantee>
  </soap:Body>
</soap:Envelope>
```



Some field original contents have been shortened (...) in this document for the sake of readability, in particular the whole **header/security** content that is described in the [eTIR web services introduction document](#).

E6 - Query results response message:

The example below shows the XML data of the **E6 - Query results** message received in response to the POST of the **E5 - Query guarantee** message. This response message (Function code **11 - Response**) of the type **E6 - Query results**, containing no error codes, describes the transport information related to the guarantee **XF95001234**, for the transport of 15 tons of "COVID-19 Diagnostic Test instruments and apparatus" sent by truck from Georgia to Iran (through Turkey) by the TIR Carnet holder **GEO/054/9890**, and recorded as **16GEO3503000051123** by the national customs system of the country of departure.

E6 - Query results response message

```

<?xml version="1.0" encoding="UTF-8"?>
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope">
  <soap:Header>
    <wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd"
      xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
      soap:mustUnderstand="true">
      (...)
    </wsse:Security>
    <Action>http://etir.org/v4.3/guaranteeChain/queryGuaranteeResponse</Action>
    <MessageID>urn:uuid:b8accda4-e66b-4425-8cad-e92b628f3c44</MessageID>
    (...)
  </soap:Header>
  <soap:Body xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
    wsu:Id="id-556bb38b-abb7-412a-862e-35c5588de489">
    <ns2:queryResults xmlns:ns2="http://etir.org/v4.3/guaranteeChain"
      xmlns:ns3="http://etir.org/v4.3/E6"
      xmlns:md="http://etir.org/v4.3/DocumentMetaData"
      xmlns:ns4="http://etir.org/v4.3/DataSets">
    <ns3:DocumentMetadata>
      <md:ResponsibleAgencyCode>AJ</md:ResponsibleAgencyCode>
      <md:AgencyAssignedCustomizationCode>1</md:AgencyAssignedCustomizationCode>
      <md:AgencyAssignedCustomizationVersionCode>1</md:AgencyAssignedCustomizationVersionCode>
      <md:CommunicationMetaData>
        <md:PreparationDateTime formatCode="208">20201122113346+0200</md:PreparationDateTime>
        <md:Recipient>
          <md:ID>senderID</md:ID>
        </md:Recipient>
        <md:Sender>
          <md:ID>eTIR international system</md:ID>
        </md:Sender>
      </md:CommunicationMetaData>
    <ns3:Response>
      <ns3:Function>11</ns3:Function>
      <ns3:FunctionalReferenceID>f4d6dae3-9d73-40dd-87d5-8a0749e9e209</ns3:FunctionalReferenceID>
      <ns3:ID>1d8dc335-62b5-4b5e-a2dc-337dc3740e40</ns3:ID>
      <ns3:TypeCode>E6</ns3:TypeCode>
      <ns3:ObligationGuarantee>
        <ns3:AcceptanceDateTime formatCode="208">20210315183234+0200</ns3:AcceptanceDateTime>
        <ns3:CancellationDateTime/>
        <ns3:ExpirationDateTime>20500123</ns3:ExpirationDateTime>
        <ns3:IssueDateTime>20210311152334+0200</ns3:IssueDateTime>
        <ns3:StatusCode>002</ns3:StatusCode>
        <ns3:ReferenceID>XF95001234</ns3:ReferenceID>
        <ns3:SecurityDetailsCode>Z</ns3:SecurityDetailsCode>
        <ns3:Surety>
          <ns3:ID>IRU</ns3:ID>
        </ns3:Surety>
        <ns3:TransitOperation>
          <ns4:SequenceNumeric>1</ns4:SequenceNumeric>
          <ns4:RegistrationID>166E03503000051123</ns4:RegistrationID>
          <ns4:OperationStart>
            <ns4:InspectionEndDateTime>20201122113346+0400</ns4:InspectionEndDateTime>
            <ns4:LimitDateTime>20201122113346+0400</ns4:LimitDateTime>
            <ns4:Consignment>
              <ns4:SequenceNumeric>1</ns4:SequenceNumeric>
              <ns4:TransportEquipment>
                <ns4:ID>TE1</ns4:ID>
                <ns4:Seal>
                  <ns4:SequenceNumeric>1</ns4:SequenceNumeric>
                  <ns4:ID>GE457-1</ns4:ID>
                </ns4:Seal>
              </ns4:TransportEquipment>
            </ns4:Consignment>
            <ns4:Control>
              <ns4:TypeCode>001</ns4:TypeCode>
            </ns4:Control>
          </ns4:OperationStart>
        </ns3:TransitOperation>
      </ns3:ObligationGuarantee>
    </ns3:Response>
  </ns2:queryResults>
</soap:Body>
</soap:Envelope>

```

```
<ns4:ControlResult>
  <ns4:ID>0</ns4:ID>
</ns4:ControlResult>
</ns4:Control>
<ns4:TransitOperationStartOffice>
  <ns4:ID>GE0715</ns4:ID>
</ns4:TransitOperationStartOffice>
</ns4:OperationStart>
</ns3:TransitOperation>
</ns3:ObligationGuarantee>
</ns3:Response>
</ns3:DocumentMetadata>
</ns2:queryResults>
</soap:Body>
</soap:Envelope>
```