

# eTIR web services - Messages I5-I6

I5 - Query guarantee / I6 - Query results



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# 1. Document revision note



This document has been published on **03/07/2025**, 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 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 E5-E6: E5 - Query guarantee / E6 - Query results <https://etir.org/documentation/e5-e6>
- 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 **I5 - Query guarantee** request message, and the **I6 - 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 team of all eTIR stakeholders in charge of interconnecting their information systems to the eTIR international system.

# 5. Prerequisites



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

This document is to be read after having an understanding of the [eTIR concepts](#) and having read the [eTIR functional specifications](#). It is highly recommended keeping the [eTIR web services introduction document](#) at hand as the current document refers to many elements and diagrams available in that document.

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

- A secured connection to the User Acceptance Testing (UAT) environment of the eTIR international system is established;
- The endpoint URL to the UAT environment is clearly identified and properly configured in the national customs systems;

- **The customs authorities fallback email address has been communicated to the TIR secretariat and configured in the eTIR international system.**
- All the actions mentioned in the [prerequisites section](#) of the eTIR web services introduction document are performed;
- All the tools required to prepare, receive, test and troubleshoot the messages are ready.
- eTIR web services - Messages I19-I20 could have been implemented and tested (optional).



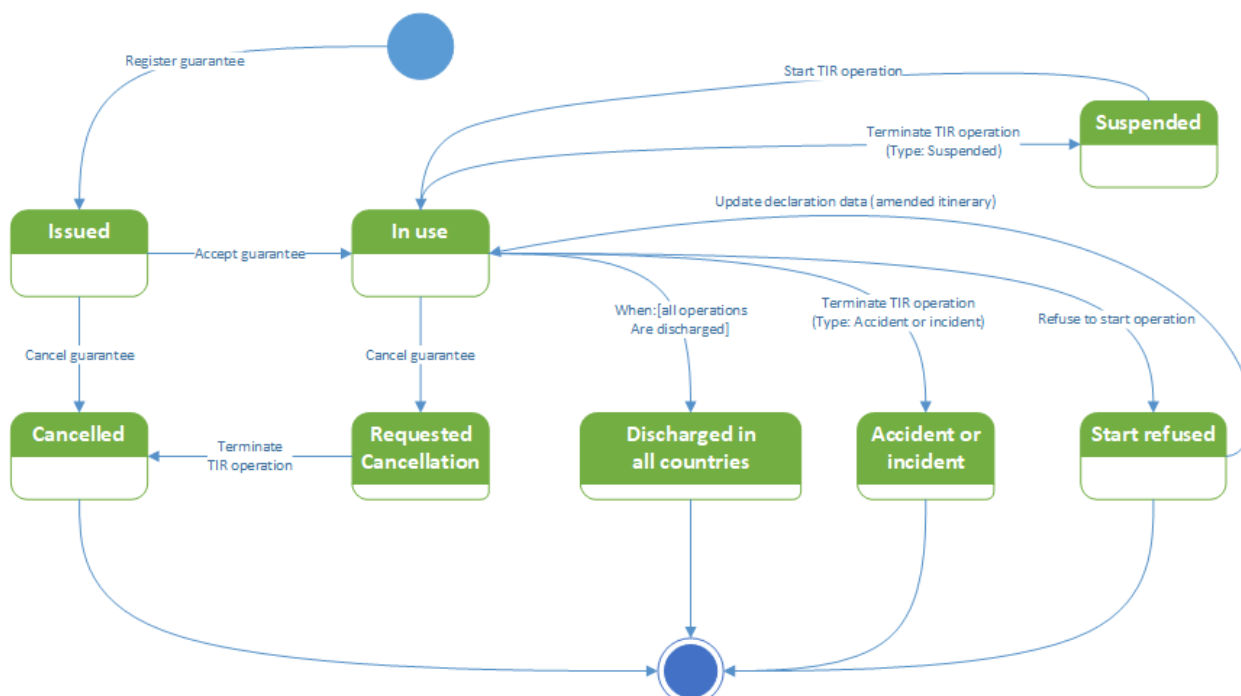
All eTIR messages are identified and belong to a flow described in the eTIR sequence diagrams section of the [eTIR web services introduction document](#). It is key to respect this sequencing, otherwise the eTIR international system will return errors due to invalid sequencing of the messages as described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

## 6. "I5 - Query guarantee" / "I6 - Query results" messages

### 6.1. Message context

The **I5 - Query guarantee** and the **I6 - Query results** form the **Query mechanism** available for the customs authorities to use in order to retrieve information recorded in the eTIR international system regarding a guarantee, its related TIR transport and TIR operations. The national customs systems can choose to retrieve more or less information in the **I6 - Query results** message depending on the parameters of the **I5 - Query guarantee** message.

Customs authorities can only retrieve information about guarantees that are used in TIR transports starting, ending or passing through their customs territories. As the guarantee can have different statuses, it is important to understand its life cycle and the figure below outlines it. For more information please refer to the [eTIR specification section dedicated to the guarantee](#).



#### 6.1.1. Message prerequisites

In absolute terms, no other message needs to be implemented in order for this message to be properly interpreted by the eTIR international system, as the I6 - Query results message can be used to check the existence of a guarantee at any point of time. On the other hand, in order to retrieve valid information about a guarantee, 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)

#### 6.1.2. Endpoint URL and SOAP Action

The URL of the endpoint to use when sending the I5 - Query guarantee request message is: <https://etir-uat-01.unece.org/etir/v4.3/customs>

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

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

## 6.2. "I5 - Query guarantee" request message

### 6.2.1. Description

The national customs systems sends the **I5 - 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 I6 - Query results response message depends on the value of the "Reply type, coded" field.

The XSD file related to the **I5 - Query guarantee** message is available at the following URL: [https://wiki.unece.org/download/attachments/106299941/WCO\\_eTIR\\_I5\\_1.xsd](https://wiki.unece.org/download/attachments/106299941/WCO_eTIR_I5_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                   |                                    |        |             |        |                      |            |       |
| └ Message function, coded | Function                           | R      | 1..1        | n..2   | <a href="#">CL16</a> |            |       |
| └ Message identifier      | ID                                 | R      | 1..1        | an..70 |                      |            |       |
| └ Type, coded             | TypeCode                           | R      | 1..1        | an..3  | <a href="#">CL26</a> |            |       |
| └ Reply type, coded       | ReplyTypeCode                      | R      | 1..1        | an..3  | <a href="#">CL09</a> |            |       |
| └ 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                   |                                    |                                             |                                           |
| └ 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 "I5"                                                                                           |
| └ 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 code list Reply type (eTIR)                                    |
| └ 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 "InterGov/" 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. Example

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

### I5 - 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/customs" xmlns:md="http://etir.org/v4.3/DocumentMetaData"
  xmlns:urn="http://etir.org/v4.3/I5">
  <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/customs/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">
    <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:InterGov>
          <urn:Function>9</urn:Function>
          <urn:ID>74043437-d6ab-4a79-9bd5-f1f2a8ecc1e2</urn:ID>
          <urn:TypeCode>I5</urn:TypeCode>
          <urn:ReplyTypeCode>00</urn:ReplyTypeCode>
          <urn:ObligationGuarantee>
            <urn:ReferenceID>XF95001234</urn:ReferenceID>
          </urn:ObligationGuarantee>
        </urn:InterGov>
      </urn:DocumentMetadata>
    </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](#).



More examples of the I5 - Query guarantee request message and of the I6 - Query results response message are available in the [More examples](#) annex of this document.

## 6.3. "I6 - Query results" response message

### 6.3.1. Description

The eTIR international system returns the **I6 - Query results** response message to the national customs systems to provide the information requested about a guarantee and its related TIR transport.

The XSD file related to the **I6 - Query results** message is available at the following URL: [https://wiki.unece.org/download/attachments/106299941/WCO\\_eTIR\\_I6\\_1.xsd](https://wiki.unece.org/download/attachments/106299941/WCO_eTIR_I6_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 |            |            |       |
| └ GUARANTEE                   | ObligationGuarantee                      | R      | 1..1        |         |            |            |       |
| └ └ Acceptance date time      | ObligationGuarantee/AcceptanceDateTime   | O      | 0..1        | an..35  |            |            |       |
| └ └ Cancellation date time    | ObligationGuarantee/CancellationDateTime | O      | 0..1        | an..35  |            |            |       |
| └ └ Validity date             | ObligationGuarantee/ExpirationDateTime   | R      | 1..1        | an..35  |            |            |       |
| └ └ Issuing date time         | ObligationGuarantee/IssueDateTime        | R      | 1..1        | an..35  |            |            |       |
| └ └ Status, coded             | ObligationGuarantee/StatusCode           | R      | 1..1        | an..3   | CL22       |            |       |
| └ └ Reference                 | ObligationGuarantee/ReferenceID          | R      | 1..1        | an..35  |            |            |       |
| └ └ Guarantee type, coded     | ObligationGuarantee/SecurityDetailsCode  | R      | 1..1        | an..3   | CL12       |            |       |

| eTIR field name            | Mapping to the XML element (XPath)                                    | Status | Cardinality | Format  | Code lists | Conditions | Rules |
|----------------------------|-----------------------------------------------------------------------|--------|-------------|---------|------------|------------|-------|
| ─ DECLARATIONDATA          | ObligationGuarantee/Declaration                                       | O      | 0..*        |         |            |            |       |
| Issuing date time          | ObligationGuarantee/Declaration/IssueDateTime                         | R      | 1..1        | an..35  |            |            |       |
| Total gross weight         | ObligationGuarantee/Declaration/TotalGrossMassMeasure                 | O      | 0..1        | n..16,6 |            |            |       |
| ─ ADDITIONALINFORMATION    | ObligationGuarantee/Declaration/AdditionalInformation                 | O      | 0..1        |         |            |            |       |
| └ Remarks                  | ObligationGuarantee/Declaration/AdditionalInformation/C<br>ontent     | R      | 1..1        | an..512 |            |            |       |
| ─ AGENT                    | ObligationGuarantee/Declaration/Agent                                 | O      | 0..1        |         |            |            |       |
| └ Name                     | ObligationGuarantee/Declaration/Agent/Name                            | D      | 0..1        | an..70  |            | C001       |       |
| └ Identifier               | ObligationGuarantee/Declaration/Agent/ID                              | D      | 0..1        | an..35  |            | C001       |       |
| └ Role, coded              | ObligationGuarantee/Declaration/Agent/RoleCode                        | R      | 1..1        | an..3   | CL02       |            |       |
| └ ADDRESS                  | ObligationGuarantee/Declaration/Agent/Address                         | D      | 0..1        |         |            | C001       |       |
| City name                  | ObligationGuarantee/Declaration/Agent/Address/CityName                | R      | 1..1        | an..35  |            |            |       |
| Country, coded             | ObligationGuarantee/Declaration/Agent/Address/CountryCo<br>de         | R      | 1..1        | a2      | CL04       |            |       |
| Street and number/P.O. Box | ObligationGuarantee/Declaration/Agent/Address/Line                    | R      | 1..1        | an..256 |            |            |       |
| Postcode identification    | ObligationGuarantee/Declaration/Agent/Address/PostcodeI<br>D          | O      | 0..1        | an..17  |            |            |       |
| ─ AMENDMENT                | ObligationGuarantee/Declaration/Amendment                             | O      | 0..*        |         |            |            |       |
| └ Type, coded              | ObligationGuarantee/Declaration/Amendment/ChangeReasonC<br>ode        | R      | 1..1        | an..3   | CL17       |            |       |
| └ POINTER                  | ObligationGuarantee/Declaration/Amendment/Pointer                     | R      | 1..1        |         |            |            |       |
| Sequence number            | ObligationGuarantee/Declaration/Amendment/Pointer/Seque<br>nceNumeric | R      | 1..1        | n..5    |            |            |       |
| Location                   | ObligationGuarantee/Declaration/Amendment/Pointer/Locat<br>ion        | R      | 1..1        | an..512 |            |            |       |
| ─ SUBCONTRACTOR            | ObligationGuarantee/Declaration/Carrier                               | O      | 0..*        |         |            |            |       |
| └ Name                     | ObligationGuarantee/Declaration/Carrier/Name                          | D      | 0..1        | an..70  |            | C001       |       |
| └ Identifier               | ObligationGuarantee/Declaration/Carrier/ID                            | D      | 0..1        | an..35  |            | C001       |       |
| └ ADDRESS                  | ObligationGuarantee/Declaration/Carrier/Address                       | D      | 0..1        |         |            | C001       |       |
| City name                  | ObligationGuarantee/Declaration/Carrier/Address/CityNam<br>e          | R      | 1..1        | an..35  |            |            |       |
| Country, coded             | ObligationGuarantee/Declaration/Carrier/Address/Country<br>Code       | R      | 1..1        | a2      | CL04       |            |       |
| Street and number/P.O. Box | ObligationGuarantee/Declaration/Carrier/Address/Line                  | R      | 1..1        | an..256 |            |            |       |
| Postcode identification    | ObligationGuarantee/Declaration/Carrier/Address/Postcod<br>eID        | O      | 0..1        | an..17  |            |            |       |

| eTIR field name                | Mapping to the XML element (XPath)                                                                         | Status | Cardinality | Format   | Code lists | Conditions | Rules |
|--------------------------------|------------------------------------------------------------------------------------------------------------|--------|-------------|----------|------------|------------|-------|
| CONSIGNMENT                    | ObligationGuarantee/Declaration/Consignment                                                                | O      | 0..*        |          |            |            |       |
| Container transport indicator  | ObligationGuarantee/Declaration/Consignment/ContainerCode                                                  | R      | 1..1        | an..3    |            |            |       |
| Sequence number                | ObligationGuarantee/Declaration/Consignment/SequenceNumber                                                 | R      | 1..1        | n..5     |            |            |       |
| Heavy or bulky goods indicator | ObligationGuarantee/Declaration/Consignment/HeavyOrBulkyGoodsIndicator                                     | R      | 1..1        | an1      |            |            |       |
| ATTACHEDDOCUMENTS              | ObligationGuarantee/Declaration/Consignment/AdditionalDocument                                             | O      | 0..*        |          |            |            |       |
| Number                         | ObligationGuarantee/Declaration/Consignment/AdditionalDocument/ID                                          | R      | 1..1        | an..70   |            |            |       |
| Issuing date time              | ObligationGuarantee/Declaration/Consignment/AdditionalDocument/IssueDateTime                               | R      | 1..1        | an..35   |            |            |       |
| Type, coded                    | ObligationGuarantee/Declaration/Consignment/AdditionalDocument/TypeCode                                    | R      | 1..1        | an..3    | CL06       |            |       |
| BINARYFILE                     | ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile                                  | O      | 0..1        |          |            |            |       |
| Identifier                     | ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/ID                               | R      | 1..1        | an..256  |            |            |       |
| Title                          | ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/Title                            | R      | 1..1        | an..256  |            |            |       |
| Author name                    | ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/AuthorName                       | O      | 0..1        | an..70   |            |            |       |
| Version                        | ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/VersionID                        | O      | 0..1        | an..17   |            |            |       |
| File name                      | ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/FileNameText                     | O      | 0..1        | an..256  |            |            |       |
| URI                            | ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/URIID                            | O      | 0..1        | an..2048 |            |            |       |
| MIME                           | ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/MIMECode                         | O      | 0..1        | an..70   |            |            |       |
| Encoding                       | ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/EncodingCode                     | O      | 0..1        | an..17   |            |            |       |
| Character set                  | ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/CharacterSetCode                 | O      | 0..1        | n..17    |            |            |       |
| Include binary object          | ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/IncludedBinaryObjectBinaryObject | O      | 0..1        | NA       |            |            |       |

| eTIR field name        | Mapping to the XML element (XPath)                                                                          | Status | Cardinality | Format  | Code lists | Conditions | Rules |
|------------------------|-------------------------------------------------------------------------------------------------------------|--------|-------------|---------|------------|------------|-------|
| Access                 | ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/Access                            | O      | 0..1        | an..256 |            |            |       |
| Description            | ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/Description                       | O      | 0..1        | an..256 |            |            |       |
| Size                   | ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/SizeMeasure                       | O      | 0..1        | n..16,6 |            |            |       |
| Hash code              | ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/HashCode                          | O      | 0..1        | an..256 |            |            |       |
| Hash code algorithm id | ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/HashCodeAlgorithmIDCode           | O      | 0..1        | an..6   |            |            |       |
| CONSIGNMENTITEM        | ObligationGuarantee/Declaration/Consignment/ConsignmentItem                                                 | R      | 1..*        |         |            |            |       |
| Sequence number        | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/SequenceNumeric                                 | R      | 1..1        | n..5    |            |            |       |
| ADDITIONALINFORMATION  | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/AdditionalInformation                           | O      | 0..*        |         |            |            |       |
| Remarks                | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/AdditionalInformation/Content                   | R      | 1..1        | an..512 |            |            |       |
| GOODS                  | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Commodity                                       | R      | 1..1        |         |            |            |       |
| Description            | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Commodity/CargoDescription                      | D      | 0..1        | an..256 |            | C004       |       |
| CLASSIFICATION         | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Commodity/Classification                        | O      | 0..*        |         |            |            | R008  |
| Code                   | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Commodity/Classification/ID                     | R      | 1..1        | an..18  |            |            |       |
| Type, coded            | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Commodity/Classification/IdentificationTypeCode | R      | 1..1        | an..3   | CL03       |            |       |
| CONSIGNEE              | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignee                                       | O      | 0..1        |         |            |            |       |
| Name                   | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignee/Name                                  | D      | 0..1        | an..70  |            | C001       |       |
| Identifier             | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignee/ID                                    | D      | 0..1        | an..35  |            | C001       |       |
| ADDRESS                | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignee/Address                               | D      | 0..1        |         |            | C001       |       |
| City name              | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignee/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             | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignee/Address/CountryCode           | R      | 1..1        | a2      | CL04       |            |       |
| Street and number/P.O. Box | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignee/Address/Line                  | R      | 1..1        | an..256 |            |            |       |
| Postcode identification    | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignee/Address/PostcodeID            | O      | 0..1        | an..17  |            |            |       |
| CONSIGNOR                  | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignor                               | O      | 0..1        |         |            |            |       |
| Name                       | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignor/Name                          | D      | 0..1        | an..70  |            | C001       |       |
| Identifier                 | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignor/ID                            | D      | 0..1        | an..35  |            | C001       |       |
| ADDRESS                    | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignor/Address                       | D      | 0..1        |         |            | C001       |       |
| City name                  | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignor/Address/CityName              | R      | 1..1        | an..35  |            |            |       |
| Country, coded             | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignor/Address/CountryCode           | R      | 1..1        | a2      | CL04       |            |       |
| Street and number/P.O. Box | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignor/Address/Line                  | R      | 1..1        | an..256 |            |            |       |
| Postcode identification    | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignor/Address/PostcodeID            | O      | 0..1        | an..17  |            |            |       |
| DELIVERYDESTINATION        | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/DeliveryDestination                     | O      | 0..1        |         |            |            |       |
| Name                       | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/DeliveryDestination/Name                | R      | 1..1        | an..70  |            |            |       |
| ADDRESS                    | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/DeliveryDestination/Address             | R      | 1..1        |         |            |            |       |
| City name                  | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/DeliveryDestination/Address/CityName    | R      | 1..1        | an..35  |            |            |       |
| Country, coded             | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/DeliveryDestination/Address/CountryCode | R      | 1..1        | a2      | CL04       |            |       |
| Street and number/P.O. Box | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/DeliveryDestination/Address/Line        | R      | 1..1        | an..256 |            |            |       |
| Postcode identification    | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/DeliveryDestination/Address/PostcodeID  | O      | 0..1        | an..17  |            |            |       |
| GOODSMEASURE               | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/GoodsMeasure                            | R      | 1..1        |         |            |            |       |

| eTIR field name            | Mapping to the XML element (XPath)                                                        | Status | Cardinality | Format  | Code lists | Conditions | Rules |
|----------------------------|-------------------------------------------------------------------------------------------|--------|-------------|---------|------------|------------|-------|
| ⊣ Gross weight             | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/GoodsMeasure/GrossMassMeasure | R      | 1..1        | n..16,6 |            |            |       |
| ⊣ PACKAGING                | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Packaging                     | R      | 1..*        |         |            |            |       |
| Sequence number            | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Packaging/SequenceNumeric     | R      | 1..1        | n..5    |            |            |       |
| Marks and numbers          | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Packaging/MarksNumbersID      | D      | 0..1        | an..512 |            | C002       |       |
| Number of packages         | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Packaging/QuantityQuantity    | D      | 0..1        | n..8    |            | C002       |       |
| ⊣ Type, coded              | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Packaging/TypeCode            | R      | 1..1        | an..2   | CL07       |            |       |
| ⊣ TRANSPORTEQUIPMENT       | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/TransportEquipment            | D      | 0..1        |         |            | C003       |       |
| ⊣ Identifier               | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/TransportEquipment/ID         | R      | 1..1        | an..17  |            |            |       |
| ⊣ UCR                      | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/UCR                           | O      | 0..1        |         |            |            |       |
| ⊣ Identifier               | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/UCR/ID                        | R      | 1..1        | an..35  |            |            |       |
| ⊣ LOADINGLOCATION          | ObligationGuarantee/Declaration/Consignment/LoadingLocation                               | O      | 0..1        |         |            |            |       |
| ⊣ Name                     | ObligationGuarantee/Declaration/Consignment/LoadingLocation/Name                          | R      | 1..1        | an..256 |            |            |       |
| ⊣ NOTIFYPARTY              | ObligationGuarantee/Declaration/Consignment/NotifyParty                                   | O      | 0..1        |         |            |            |       |
| Name                       | ObligationGuarantee/Declaration/Consignment/NotifyParty/Name                              | D      | 0..1        | an..70  |            | C001       |       |
| Identifier                 | ObligationGuarantee/Declaration/Consignment/NotifyParty/ID                                | D      | 0..1        | an..35  |            | C001       |       |
| ADDRESS                    | ObligationGuarantee/Declaration/Consignment/NotifyParty/Address                           | D      | 0..1        |         |            | C001       |       |
| City name                  | ObligationGuarantee/Declaration/Consignment/NotifyParty/Address/CityName                  | R      | 1..1        | an..35  |            |            |       |
| Country, coded             | ObligationGuarantee/Declaration/Consignment/NotifyParty/Address/CountryCode               | R      | 1..1        | a2      | CL04       |            |       |
| Street and number/P.O. Box | ObligationGuarantee/Declaration/Consignment/NotifyParty/Address/Line                      | R      | 1..1        | an..256 |            |            |       |

| eTIR field name               | Mapping to the XML element (XPath)                                                                                    | Status | Cardinality | Format | Code lists | Conditions | Rules |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------|--------|-------------|--------|------------|------------|-------|
| ⊣ Postcode identification     | ObligationGuarantee/Declaration/Consignment/NotifyParty/Address/PostcodeID                                            | O      | 0..1        | an..17 |            |            |       |
| ⊢ CUSTOMSOFFICEOFDEPARTURE    | ObligationGuarantee/Declaration/Consignment/TransitDeparture                                                          | R      | 1..1        |        |            |            |       |
| ⊣ Identifier                  | ObligationGuarantee/Declaration/Consignment/TransitDeparture/ID                                                       | R      | 1..1        | an..35 |            |            |       |
| ⊢ CUSTOMSOFFICEOFDESTINATION  | ObligationGuarantee/Declaration/Consignment/TransitDestination                                                        | R      | 1..1        |        |            |            |       |
| ⊣ Identifier                  | ObligationGuarantee/Declaration/Consignment/TransitDestination/ID                                                     | R      | 1..1        | an..35 |            |            |       |
| ⊢ TRANSPORTMEANS              | ObligationGuarantee/Declaration/Consignment/TransitTransportMeans                                                     | R      | 1..*        |        |            |            | R002  |
| ⊢ Identification              | ObligationGuarantee/Declaration/Consignment/TransitTransportMeans/ID                                                  | R      | 1..1        | an..35 |            |            |       |
| ⊢ Type, coded                 | ObligationGuarantee/Declaration/Consignment/TransitTransportMeans/TypeCode                                            | R      | 1..1        | an..4  | CL05       |            |       |
| ⊢ Nationality, coded          | ObligationGuarantee/Declaration/Consignment/TransitTransportMeans/RegistrationNationalityCode                         | R      | 1..1        | a2     | CL04       |            |       |
| ⊢ Conveyance reference number | ObligationGuarantee/Declaration/Consignment/TransitTransportMeans/JourneyID                                           | O      | 0..1        | an..17 |            |            |       |
| ⊢ Sequence number             | ObligationGuarantee/Declaration/Consignment/TransitTransportMeans/SequenceNumeric                                     | R      | 1..1        | n..5   |            |            |       |
| ⊢ ITINERARY                   | ObligationGuarantee/Declaration/Consignment/TransitTransportMeans/Itinerary                                           | R      | 1..*        |        |            |            | R001  |
| ⊢ Sequence number             | ObligationGuarantee/Declaration/Consignment/TransitTransportMeans/Itinerary/SequenceNumeric                           | R      | 1..1        | n..5   |            |            |       |
| ⊢ Country, coded              | ObligationGuarantee/Declaration/Consignment/TransitTransportMeans/Itinerary/RoutingCountryCode                        | R      | 1..1        | a2     | CL04       |            |       |
| ⊢ CUSTOMSOFFICE               | ObligationGuarantee/Declaration/Consignment/TransitTransportMeans/Itinerary/ItineraryGovernmentOffice                 | R      | 1..*        |        |            |            |       |
| ⊢ Identifier                  | ObligationGuarantee/Declaration/Consignment/TransitTransportMeans/Itinerary/ItineraryGovernmentOffice/ID              | R      | 1..1        | an..17 |            |            |       |
| ⊢ Sequence number             | ObligationGuarantee/Declaration/Consignment/TransitTransportMeans/Itinerary/ItineraryGovernmentOffice/SequenceNumeric | R      | 1..1        | n..5   |            |            |       |
| ⊣ Role, coded                 | ObligationGuarantee/Declaration/Consignment/TransitTransportMeans/Itinerary/ItineraryGovernmentOffice/RoleCode        | R      | 1..1        | an..3  | CL31       |            |       |
| ⊢ TRANSPORTEQUIPMENT          | ObligationGuarantee/Declaration/Consignment/TransportEquipment                                                        | D      | 0..*        |        |            | C003       |       |

| eTIR field name         | Mapping to the XML element (XPath)                                                                                            | Status | Cardinality | Format   | Code lists | Conditions | Rules |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------|--------|-------------|----------|------------|------------|-------|
| ⊢ Sequence number       | ObligationGuarantee/Declaration/Consignment/TransportEquipment/SequenceNumeric                                                | R      | 1..1        | n..5     |            |            |       |
| ⊢ Size and type, coded  | ObligationGuarantee/Declaration/Consignment/TransportEquipment/CharacteristicCode                                             | R      | 1..1        | an..10   | CL01       |            |       |
| ⊢ Identifier            | ObligationGuarantee/Declaration/Consignment/TransportEquipment/ID                                                             | R      | 1..1        | an..17   |            |            |       |
| ⊢ CERTIFICATEOFAPPROVAL | ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument                                             | D      | 0..1        |          |            | C005       |       |
| ⊢ Number                | ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/ID                                          | R      | 1..1        | an..70   |            |            |       |
| ⊢ Issuing date time     | ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/IssueDateTime                               | R      | 1..1        | an..35   |            |            |       |
| ⊢ Type, coded           | ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/TypeCode                                    | R      | 1..1        | an..3    | CL06       |            |       |
| ⊢ BINARYFILE            | ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile                                  | O      | 0..1        |          |            |            |       |
| ⊢ Identifier            | ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/ID                               | R      | 1..1        | an..256  |            |            |       |
| ⊢ Title                 | ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/Title                            | R      | 1..1        | an..256  |            |            |       |
| ⊢ Author name           | ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/AuthorName                       | O      | 0..1        | an..70   |            |            |       |
| ⊢ Version               | ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/VersionID                        | O      | 0..1        | an..17   |            |            |       |
| ⊢ File name             | ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/FileNameText                     | O      | 0..1        | an..256  |            |            |       |
| ⊢ URI                   | ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/URIID                            | O      | 0..1        | an..2048 |            |            |       |
| ⊢ MIME                  | ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/MIMECode                         | O      | 0..1        | an..70   |            |            |       |
| ⊢ Encoding              | ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/EncodingCode                     | O      | 0..1        | an..17   |            |            |       |
| ⊢ Character set         | ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/CharacterSetCode                 | O      | 0..1        | n..17    |            |            |       |
| ⊢ Include binary object | ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/IncludedBinaryObjectBinaryObject | O      | 0..1        | NA       |            |            |       |
| ⊢ Access                | ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/Access                           | O      | 0..1        | an..256  |            |            |       |

| eTIR field name            | Mapping to the XML element (XPath)                                                                                   | Status | Cardinality | Format  | Code lists | Conditions | Rules      |
|----------------------------|----------------------------------------------------------------------------------------------------------------------|--------|-------------|---------|------------|------------|------------|
| Description                | ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/Description             | O      | 0..1        | an..256 |            |            |            |
| Size                       | ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/SizeMeasure             | O      | 0..1        | n..16,6 |            |            |            |
| Hash code                  | ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/HashCode                | O      | 0..1        | an..256 |            |            |            |
| Hash code algorithm id     | ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/HashCodeAlgorithmIDCode | O      | 0..1        | an..6   |            |            |            |
| SEAL                       | ObligationGuarantee/Declaration/Consignment/TransportEquipment/Seal                                                  | O      | 0..*        |         |            |            |            |
| Sequence number            | ObligationGuarantee/Declaration/Consignment/TransportEquipment/Seal/SequenceNumeric                                  | R      | 1..1        | n..5    |            |            | R003, R004 |
| Seal number                | ObligationGuarantee/Declaration/Consignment/TransportEquipment/Seal/ID                                               | R      | 1..1        | an..35  |            |            | R005       |
| Seal type, coded           | ObligationGuarantee/Declaration/Consignment/TransportEquipment/Seal/TypeCode                                         | O      | 0..1        | an..3   | CL08       |            |            |
| GUARANTEE                  | ObligationGuarantee/Declaration/DeclarationGuarantee                                                                 | R      | 1..1        |         |            |            |            |
| Reference                  | ObligationGuarantee/Declaration/DeclarationGuarantee/ReferenceID                                                     | R      | 1..1        | an..35  |            |            |            |
| NATIONALREFERENCE          | ObligationGuarantee/Declaration/NationalReference                                                                    | O      | 0..*        |         |            |            |            |
| Reference                  | ObligationGuarantee/Declaration/NationalReference/ID                                                                 | R      | 1..1        | an..35  |            |            |            |
| Country, coded             | ObligationGuarantee/Declaration/NationalReference/IssuingCountryCode                                                 | R      | 1..1        | a2      | CL04       |            |            |
| HOLDER                     | ObligationGuarantee/Declaration/Principal                                                                            | O      | 0..1        |         |            |            |            |
| Name                       | ObligationGuarantee/Declaration/Principal/Name                                                                       | O      | 0..1        | an..70  |            |            |            |
| Identifier                 | ObligationGuarantee/Declaration/Principal/ID                                                                         | R      | 1..1        | an..35  |            |            |            |
| ADDRESS                    | ObligationGuarantee/Declaration/Principal/Address                                                                    | O      | 0..1        |         |            |            |            |
| City name                  | ObligationGuarantee/Declaration/Principal/Address/CityName                                                           | R      | 1..1        | an..35  |            |            |            |
| Country, coded             | ObligationGuarantee/Declaration/Principal/Address/CountryCode                                                        | R      | 1..1        | a2      | CL04       |            |            |
| Street and number/P.O. Box | ObligationGuarantee/Declaration/Principal/Address/Line                                                               | R      | 1..1        | an..256 |            |            |            |
| Postcode identification    | ObligationGuarantee/Declaration/Principal/Address/PostcodeID                                                         | O      | 0..1        | an..17  |            |            |            |
| GUARANTEECHAIN             | ObligationGuarantee/Surety                                                                                           | R      | 1..1        |         |            |            |            |
| Code                       | ObligationGuarantee/Surety/ID                                                                                        | R      | 1..1        | an..35  |            |            |            |

| eTIR field name                | Mapping to the XML element (XPath)                                                                      | Status | Cardinality | Format  | Code lists | Conditions | Rules      |
|--------------------------------|---------------------------------------------------------------------------------------------------------|--------|-------------|---------|------------|------------|------------|
| TIROPERATION                   | ObligationGuarantee/TransitOperation                                                                    | O      | 0..*        |         |            |            |            |
| Sequence number                | ObligationGuarantee/TransitOperation/SequenceNumeric                                                    | R      | 1..1        | n..5    |            |            |            |
| Registration number            | ObligationGuarantee/TransitOperation/RegistrationID                                                     | R      | 1..1        | an..35  |            |            |            |
| START                          | ObligationGuarantee/TransitOperation/OperationStart                                                     | O      | 0..1        |         |            |            |            |
| End date time                  | ObligationGuarantee/TransitOperation/OperationStart/InspectionEndDateTime                               | R      | 1..1        | an..35  |            |            |            |
| Time limit date time           | ObligationGuarantee/TransitOperation/OperationStart/LimitDateTime                                       | O      | 0..1        | an..35  |            |            |            |
| ADDITIONALINFORMATION          | ObligationGuarantee/TransitOperation/OperationStart/AdditionalInformation                               | O      | 0..1        |         |            |            |            |
| Remarks                        | ObligationGuarantee/TransitOperation/OperationStart/AdditionalInformation/Content                       | R      | 1..1        | an..512 |            |            |            |
| CONSIGNMENT                    | ObligationGuarantee/TransitOperation/OperationStart/Consignment                                         | O      | 0..1        |         |            |            | R007, R006 |
| TRANSPORTEQUIPMENT             | ObligationGuarantee/TransitOperation/OperationStart/Consignment/TransportEquipment                      | R      | 1..*        |         |            |            |            |
| Identifier                     | ObligationGuarantee/TransitOperation/OperationStart/Consignment/TransportEquipment/ID                   | R      | 1..1        | an..17  |            |            |            |
| SEAL                           | ObligationGuarantee/TransitOperation/OperationStart/Consignment/TransportEquipment/Seal                 | R      | 1..*        |         |            |            |            |
| Sequence number                | ObligationGuarantee/TransitOperation/OperationStart/Consignment/TransportEquipment/Seal/SequenceNumeric | R      | 1..1        | n..5    |            |            | R003, R004 |
| Seal number                    | ObligationGuarantee/TransitOperation/OperationStart/Consignment/TransportEquipment/Seal/ID              | R      | 1..1        | an..35  |            |            | R005       |
| Seal type, coded               | ObligationGuarantee/TransitOperation/OperationStart/Consignment/TransportEquipment/Seal/TypeCode        | O      | 0..1        | an..3   | CL08       |            |            |
| CONTROL                        | ObligationGuarantee/TransitOperation/OperationStart/Control                                             | R      | 1..1        |         |            |            |            |
| Type, coded                    | ObligationGuarantee/TransitOperation/OperationStart/Control/TypeCode                                    | R      | 1..1        | an..3   | CL25       |            |            |
| CONTROLRESULT                  | ObligationGuarantee/TransitOperation/OperationStart/Control/ControlResult                               | R      | 1..1        |         |            |            |            |
| Result, coded                  | ObligationGuarantee/TransitOperation/OperationStart/Control/ControlResult/ID                            | R      | 1..1        | an..3   | CL24       |            |            |
| NATIONALITINERARY              | ObligationGuarantee/TransitOperation/OperationStart/Itinerary                                           | O      | 0..1        |         |            |            |            |
| NATIONALITINERARYCUSTOMSOFFICE | ObligationGuarantee/TransitOperation/OperationStart/Itinerary/ItineraryGovernmentOffice                 | R      | 1..1        |         |            |            |            |

| eTIR field name           | Mapping to the XML element (XPath)                                                                            | Status | Cardinality | Format  | Code lists | Conditions | Rules      |
|---------------------------|---------------------------------------------------------------------------------------------------------------|--------|-------------|---------|------------|------------|------------|
| ⊣ Identifier              | ObligationGuarantee/TransitOperation/OperationStart/Itinerary/ItineraryGovernmentOffice/ID                    | R      | 1..1        | an..17  |            |            |            |
| ⊣ CUSTOMSOFFICE           | ObligationGuarantee/TransitOperation/OperationStart/TransitOperationStartOffice                               | R      | 1..1        |         |            |            |            |
| ⊣ Identifier              | ObligationGuarantee/TransitOperation/OperationStart/TransitOperationStartOffice/ID                            | R      | 1..1        | an..17  |            |            |            |
| ⊣ TERMINATION             | ObligationGuarantee/TransitOperation/OperationTermination                                                     | O      | 0..1        |         |            |            |            |
| ⊣ End date time           | ObligationGuarantee/TransitOperation/OperationTermination/InspectionEndDateTime                               | R      | 1..1        | an..35  |            |            |            |
| ⊣ Number of packages      | ObligationGuarantee/TransitOperation/OperationTermination/PackageQuantityQuantity                             | R      | 1..1        | n..8    |            |            |            |
| ⊣ Termination type, coded | ObligationGuarantee/TransitOperation/OperationTermination/TypeCode                                            | R      | 1..1        | an..3   | CL27       |            |            |
| ⊣ ADDITIONALINFORMATION   | ObligationGuarantee/TransitOperation/OperationTermination/AdditionalInformation                               | O      | 0..1        |         |            |            |            |
| ⊣ Reservations            | ObligationGuarantee/TransitOperation/OperationTermination/AdditionalInformation/Content                       | R      | 1..1        | an..512 |            |            |            |
| ⊣ CONSIGNMENT             | ObligationGuarantee/TransitOperation/OperationTermination/Consignment                                         | O      | 0..1        |         |            |            | R007, R006 |
| ⊣ TRANSPORTEQUIPMENT      | ObligationGuarantee/TransitOperation/OperationTermination/Consignment/TransportEquipment                      | R      | 1..*        |         |            |            |            |
| ⊣ Identifier              | ObligationGuarantee/TransitOperation/OperationTermination/Consignment/TransportEquipment/ID                   | R      | 1..1        | an..17  |            |            |            |
| ⊣ SEAL                    | ObligationGuarantee/TransitOperation/OperationTermination/Consignment/TransportEquipment/Seal                 | R      | 1..*        |         |            |            |            |
| ⊣ Sequence number         | ObligationGuarantee/TransitOperation/OperationTermination/Consignment/TransportEquipment/Seal/SequenceNumeric | R      | 1..1        | n..5    |            |            | R003, R004 |
| ⊣ Seal number             | ObligationGuarantee/TransitOperation/OperationTermination/Consignment/TransportEquipment/Seal/ID              | R      | 1..1        | an..35  |            |            | R005       |
| ⊣ Seal type, coded        | ObligationGuarantee/TransitOperation/OperationTermination/Consignment/TransportEquipment/Seal/TypeCode        | O      | 0..1        | an..3   | CL08       |            |            |
| ⊣ CONTROL                 | ObligationGuarantee/TransitOperation/OperationTermination/Control                                             | R      | 1..1        |         |            |            |            |
| ⊣ Type, coded             | ObligationGuarantee/TransitOperation/OperationTermination/Control/TypeCode                                    | R      | 1..1        | an..3   | CL25       |            |            |
| ⊣ CONTROLRESULT           | ObligationGuarantee/TransitOperation/OperationTermination/Control/ControlResult                               | R      | 1..1        |         |            |            |            |

| eTIR field name         | Mapping to the XML element (XPath)                                                             | Status | Cardinality | Format  | Code lists | Conditions | Rules |
|-------------------------|------------------------------------------------------------------------------------------------|--------|-------------|---------|------------|------------|-------|
| ↳ Result, coded         | ObligationGuarantee/TransitOperation/OperationTermination/Control/ControlResult/ID             | R      | 1..1        | an..3   | CL24       |            |       |
| ↳ CUSTOMSOFFICE         | ObligationGuarantee/TransitOperation/OperationTermination/TransitOperationTerminationOffice    | R      | 1..1        |         |            |            |       |
| ↳ Identifier            | ObligationGuarantee/TransitOperation/OperationTermination/TransitOperationTerminationOffice/ID | R      | 1..1        | an..17  |            |            |       |
| ↳ DISCHARGE             | ObligationGuarantee/TransitOperation/OperationDischarge                                        | O      | 0..1        |         |            |            |       |
| ↳ End date time         | ObligationGuarantee/TransitOperation/OperationDischarge/InspectionEndDateTime                  | R      | 1..1        | an..35  |            |            |       |
| ↳ CUSTOMSOFFICE         | ObligationGuarantee/TransitOperation/OperationDischarge/TransitOperationDischargeOffice        | R      | 1..1        |         |            |            |       |
| ↳ Identifier            | ObligationGuarantee/TransitOperation/OperationDischarge/TransitOperationDischargeOffice/ID     | R      | 1..1        | an..17  |            |            |       |
| ↳ REFUSALTOSTART        | ObligationGuarantee/TransitOperation/RefusalToStart                                            | O      | 0..1        |         |            |            |       |
| ↳ End date time         | ObligationGuarantee/TransitOperation/RefusalToStart/InspectionEndDateTime                      | R      | 1..1        | an..35  |            |            |       |
| ↳ ADDITIONALINFORMATION | ObligationGuarantee/TransitOperation/RefusalToStart/AdditionalInformation                      | R      | 1..1        |         |            |            |       |
| ↳ Reason                | ObligationGuarantee/TransitOperation/RefusalToStart/AdditionalInformation/Content              | R      | 1..1        | an..512 |            |            |       |
| ↳ CONTROL               | ObligationGuarantee/TransitOperation/RefusalToStart/Control                                    | O      | 0..1        |         |            |            |       |
| ↳ Type, coded           | ObligationGuarantee/TransitOperation/RefusalToStart/Control/TypeCode                           | R      | 1..1        | an..3   | CL25       |            |       |
| ↳ CONTROLRESULT         | ObligationGuarantee/TransitOperation/RefusalToStart/Control/ControlResult                      | R      | 1..1        |         |            |            |       |
| ↳ Result, coded         | ObligationGuarantee/TransitOperation/RefusalToStart/Control/ControlResult/ID                   | R      | 1..1        | an..3   | CL24       |            |       |
| ↳ CUSTOMSOFFICE         | ObligationGuarantee/TransitOperation/RefusalToStart/TransitOperationStartOffice                | R      | 1..1        |         |            |            |       |
| ↳ Identifier            | ObligationGuarantee/TransitOperation/RefusalToStart/TransitOperationStartOffice/ID             | R      | 1..1        | an..17  |            |            |       |
| ↳ HOLDER                | ObligationGuarantee/Principal                                                                  | R      | 1..1        |         |            |            |       |
| ↳ Name                  | ObligationGuarantee/Principal/Name                                                             | R      | 1..1        | an..70  |            |            |       |
| ↳ Identifier            | ObligationGuarantee/Principal/ID                                                               | R      | 1..1        | an..35  |            |            |       |
| ↳ ADDRESS               | ObligationGuarantee/Principal/Address                                                          | R      | 1..1        |         |            |            |       |
| ↳ City name             | ObligationGuarantee/Principal/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             | ObligationGuarantee/Principal/Address/CountryCode                                                 | R      | 1..1        | a2      | CL04       |            |       |
| Street and number/P.O. Box | ObligationGuarantee/Principal/Address/Line                                                        | R      | 1..1        | an..256 |            |            |       |
| Postcode identification    | ObligationGuarantee/Principal/Address/PostcodeID                                                  | O      | 0..1        | an..17  |            |            |       |
| AUTHORIZATION              | ObligationGuarantee/Principal/AuthorizationCertificate                                            | R      | 1..1        |         |            |            |       |
| Status, coded              | ObligationGuarantee/Principal/AuthorizationCertificate/StatusCode                                 | R      | 1..1        | an..3   | CL23       |            |       |
| ACTIVEWITHDRAWAL           | ObligationGuarantee/Principal/AuthorizationCertificate/AuthorizationWithdrawal                    | O      | 0..1        |         |            |            |       |
| Start date                 | ObligationGuarantee/Principal/AuthorizationCertificate/AuthorizationWithdrawal/EffectiveDateTime  | R      | 1..1        | an..35  |            |            |       |
| End date                   | ObligationGuarantee/Principal/AuthorizationCertificate/AuthorizationWithdrawal/ExpirationDateTime | O      | 0..1        | an..35  |            |            |       |
| ACTIVEEXCLUSION            | ObligationGuarantee/Principal/AuthorizationCertificate/Exclusion                                  | O      | 0..*        |         |            |            |       |
| Start date                 | ObligationGuarantee/Principal/AuthorizationCertificate/Exclusion/EffectiveDateTime                | R      | 1..1        | an..35  |            |            |       |
| End date                   | ObligationGuarantee/Principal/AuthorizationCertificate/Exclusion/ExpirationDateTime               | O      | 0..1        | an..35  |            |            |       |
| Country, coded             | 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                     |                                    |                                                                        |                                                                                                                                               |
| 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 (I5)                                             |
| 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                     |

| eTIR field name          | Mapping to the XML element (XPath)       | Description                                                                  | Usage                                                                                                                                                                                                                                                                      |
|--------------------------|------------------------------------------|------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| └ Type, coded            | TypeCode                                 | Code of the message type                                                     | The value should be set to 'I6'                                                                                                                                                                                                                                            |
| └ 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                                                                   |
| └ GUARANTEE              | ObligationGuarantee                      | Class representing the guarantee of this TIR transport                       |                                                                                                                                                                                                                                                                            |
| └ Acceptance date time   | 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 CCYYMMDDHHMMSSZHMM. For Example: 20200820145600+0100 represents 20 August 2020 at 14:56 UTC+01:00                                                                                      |
| └ Cancellation date time | 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 CCYYMMDDHHMMSSZHMM. For Example: 20200820145600+0100 represents 20 August 2020 at 14:56 UTC+01:00                                                                                      |
| └ Validity date          | 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. For Example: 20200820 represents 20 August 2020                                                                                                                                       |
| └ Issuing date time      | ObligationGuarantee/IssueDateTime        | Date of issuance of the eGuarantee by the guarantee chain                    | The value should be the "Issuing date" of the eGuarantee as recorded by the guarantee chain. The value should be a date to be provided following the EDIFACT 208 format CCYYMMDDHHMMSSZHMM. For Example: 20200820145600+0100 represents 20 August 2020 at 14:56 UTC+01:00. |
| └ Status, coded          | 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              | ObligationGuarantee/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                                                                                                                                                                                                                                                                       |
|--------------------------|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Guarantee type, coded    | ObligationGuarantee/SecurityDetailsCode                       | Code of the guarantee type                                                                              | This value should be from the Guarantee type code (eTIR) list, and should be retrieved from a query to the eTIR international system using the I5 - Query guarantee message                                                                                                 |
| └─ DECLARATIONDATA       | ObligationGuarantee/Declaration                               | Class representing the declaration data as accepted by customs                                          |                                                                                                                                                                                                                                                                             |
| Issuing date time        | ObligationGuarantee/Declaration/IssueDateTime                 | Date at which the message E9 (or E11) received by the customs, was issued                               | The value should be the "Issuing date" of the eGuarantee as recorded by the guarantee chain. The value should be a date to be provided following the EDIFACT 208 format CCYYMMDDHHMMSSZHHMM. For Example: 20200820145600+0100 represents 20 August 2020 at 14:56 UTC+01:00. |
| Total gross weight       | 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 | ObligationGuarantee/Declaration/AdditionalInformation         | Class containing potential additional information at the declaration level                              |                                                                                                                                                                                                                                                                             |
| Remarks                  | 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                 | ObligationGuarantee/Declaration/Agent                         | Class representing the potential agent which would declare the goods on behalf of the TIR Carnet holder |                                                                                                                                                                                                                                                                             |
| Name                     | 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               | ObligationGuarantee/Declaration/Agent/ID                      | Unique identifier of the agent                                                                          | The value should be the unique identifier of the agent                                                                                                                                                                                                                      |
| Role, coded              | 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               | ObligationGuarantee/Declaration/Agent/Address                 | Class representing the physical address of the Agent                                                    |                                                                                                                                                                                                                                                                             |
| City name                | 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           | 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)                                                                                                                                       |

| eTIR field name              | Mapping to the XML element (XPath)                                | Description                                                                                                     | Usage                                                                                                                                                 |
|------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| ⊢ Street and number/P.O. Box | 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    | 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                  | ObligationGuarantee/Declaration/Amendment                         | Class representing the list of potential amendments to the declaration                                          |                                                                                                                                                       |
| ⊢ Type, coded                | 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)                                                  |
| ⊢ POINTER                    | ObligationGuarantee/Declaration/Amendment/Pointer                 | Class representing the pointer to the part of the declaration to be amended                                     |                                                                                                                                                       |
| ⊢ Sequence number            | 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                   | 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              | ObligationGuarantee/Declaration/Carrier                           | Class representing the potential agent which undertakes or arranges transport of goods between named points     |                                                                                                                                                       |
| ⊢ Name                       | 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                 | ObligationGuarantee/Declaration/Carrier/ID                        | Unique identifier of the subcontractor                                                                          | The value should be the unique identifier of the subcontractor                                                                                        |
| ⊢ ADDRESS                    | ObligationGuarantee/Declaration/Carrier/Address                   | Class representing the physical address of the subcontractor                                                    |                                                                                                                                                       |
| ⊢ City name                  | 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             | 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 | 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    | 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                | ObligationGuarantee/Declaration/Consignment                       | Class representing the list of details on the transport of goods between a loading point and an unloading point |                                                                                                                                                       |

| eTIR field name                | Mapping to the XML element (XPath)                                                     | Description                                                                                                                                     | Usage                                                                                                                                                                                                                                                                                                                                                     |
|--------------------------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Container transport indicator  | 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                | ObligationGuarantee/Declaration/Consignment/SequenceNumber                             | 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 | 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                                                                                                                                                                                                                                                   |
| ATTACHEDDOCUMENTS              | ObligationGuarantee/Declaration/Consignment/AdditionalDocument                         | Class representing the list of potential additional documents supplied as part of the declaration and related to the consignment                |                                                                                                                                                                                                                                                                                                                                                           |
| Number                         | 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              | 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. For Example: 20200820 represents 20 August 2020. If it is a date and time, it should follow the EDIFACT 208 format CCYYMMDDHHMMSSZHHMM. For Example: 20200820145600+0100 represents 20 August 2020 at 14:56 UTC+01:00. |
| Type, coded                    | 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                     | ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile              | Class representing the content of the document                                                                                                  |                                                                                                                                                                                                                                                                                                                                                           |
| Identifier                     | 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                          | ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/Title        | Title of the document                                                                                                                           | The value should be the title of the document                                                                                                                                                                                                                                                                                                             |
| Author name                    | 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                        | ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/VersionID    | Version number of the document                                                                                                                  | The value should be the version of the document                                                                                                                                                                                                                                                                                                           |
| File name                      | 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                                                                                                                                                                                                                                                               |

| eTIR field name        | Mapping to the XML element (XPath)                                                                         | Description                                                                                   | Usage                                                                                                                                                                                                     |
|------------------------|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| URI                    | 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                                                             |
| MIME                   | 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                                                                                                                              |
| Encoding               | 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          | 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  | 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                 | 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            | 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                   | 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              | 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 | 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        | ObligationGuarantee/Declaration/Consignment/ConsignmentItem                                                | Class representing the list of details on the items in the consignment                        |                                                                                                                                                                                                           |
| Sequence number        | 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  | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/AdditionalInformation                          | Class representing the list of potential additional information at the consignment item level |                                                                                                                                                                                                           |
| Remarks                | 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                                                                                                                        |

| eTIR field name              | Mapping to the XML element (XPath)                                                                          | Description                                                        | Usage                                                                                                                                                 |
|------------------------------|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| ⊢ GOODS                      | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Commodity                                       | Class representing the details on the goods                        |                                                                                                                                                       |
| ⊢ Description                | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Commodity/CargoDescription                      | Description of the goods                                           | The value should be a text describing the goods                                                                                                       |
| ⊢ CLASSIFICATION             | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Commodity/Classification                        | Class representing the list of classification details of the goods |                                                                                                                                                       |
| ⊢ Code                       | ObligationGuarantee/Declaration/Consignment/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                | ObligationGuarantee/Declaration/Consignment/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                  | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignee                                       | Class representing the potential consignee of the goods            |                                                                                                                                                       |
| ⊢ Name                       | ObligationGuarantee/Declaration/Consignment/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                 | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignee/ID                                    | Unique identifier of the consignee                                 | The value should be the unique identifier of the consignee                                                                                            |
| ⊢ ADDRESS                    | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignee/Address                               | Class representing the physical address of the consignee           |                                                                                                                                                       |
| ⊢ City name                  | ObligationGuarantee/Declaration/Consignment/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             | ObligationGuarantee/Declaration/Consignment/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)             |
| ⊢ Street and number/P.O. Box | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignee/Address/Line                          | Street name of the physical address of the consignee               | The value should be the street name and number (or equivalent) of the physical address of the consignee                                               |
| ⊢ Postcode identification    | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignee/Address/PostcodeID                    | Postal/Zip code of the physical address of the consignee           | The value should be the postal/ZIP code of the physical address of the consignee                                                                      |
| ⊢ CONSIGNOR                  | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignor                                       | Class representing the potential consignor of the goods            |                                                                                                                                                       |
| ⊢ Name                       | ObligationGuarantee/Declaration/Consignment/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                 | ObligationGuarantee/Declaration/Consignment/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                    | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignor/Address                       | Class representing the physical address of the consignor                      |                                                                                                                                                                                                                                                                           |
| ⊣ City name                  | 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             | 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))                                                                                                                               |
| ⊣ Street and number/P.O. Box | 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    | 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        | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/DeliveryDestination                     | Class representing the potential party to which the goods should be delivered |                                                                                                                                                                                                                                                                           |
| ⊣ Name                       | 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                    | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/DeliveryDestination/Address             | Class representing the physical address of the delivery destination           |                                                                                                                                                                                                                                                                           |
| ⊣ City name                  | 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             | 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))                                                                                                                    |
| ⊣ Street and number/P.O. Box | 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    | 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               | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/GoodsMeasure                            | Class representing the details on the measures of the goods                   |                                                                                                                                                                                                                                                                           |
| ⊣ Gross weight               | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/GoodsMeasure/GrossMassMeasure           | Total gross weight of the goods                                               | The value should be the weight (mass) of goods including packaging but excluding the transport equipment. 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) |

| eTIR field name       | Mapping to the XML element (XPath)                                                     | Description                                                              | Usage                                                                                                                                                                                 |
|-----------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| └─ PACKAGING          | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Packaging                  | Class representing the list of details on the packaging of the goods     |                                                                                                                                                                                       |
| └─ Sequence number    | ObligationGuarantee/Declaration/Consignment/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  | ObligationGuarantee/Declaration/Consignment/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 | ObligationGuarantee/Declaration/Consignment/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        | ObligationGuarantee/Declaration/Consignment/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 | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/TransportEquipment         | Class representing the transport equipment used for the consignment item |                                                                                                                                                                                       |
| └─ Identifier         | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/TransportEquipment/ID      | Identifier of the transport equipment                                    | The value should be marks (letters and/or numbers) which identify the transport equipment                                                                                             |
| └─ UCR                | ObligationGuarantee/Declaration/Consignment/ConsignmentItem/UCR                        | Class representing the Unique Trader Reference                           |                                                                                                                                                                                       |
| └─ Identifier         | ObligationGuarantee/Declaration/Consignment/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    | ObligationGuarantee/Declaration/Consignment/LoadingLocation                            | Class representing the place of loading of the goods                     |                                                                                                                                                                                       |
| └─ Name               | 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        | ObligationGuarantee/Declaration/Consignment/NotifyParty                                | Class representing a potential party to be notified                      |                                                                                                                                                                                       |
| └─ Name               | 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         | 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            | ObligationGuarantee/Declaration/Consignment/NotifyParty/Address                        | Class representing the physical address of the party to be notified      |                                                                                                                                                                                       |

| eTIR field name             | Mapping to the XML element (XPath)                                                            | Description                                                                 | Usage                                                                                                                                                                                                              |
|-----------------------------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| City name                   | 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                                                                                                                              |
| Country, coded              | 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  | 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     | 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    | ObligationGuarantee/Declaration/Consignment/TransitDeparture                                  | Class representing the customs office where the goods are loaded            |                                                                                                                                                                                                                    |
| Identifier                  | 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  | ObligationGuarantee/Declaration/Consignment/TransitDestination                                | Class representing the customs office where the goods are unloaded          |                                                                                                                                                                                                                    |
| Identifier                  | 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              | ObligationGuarantee/Declaration/Consignment/TransitTransportMeans                             | Class representing the list of the means of transport for the consignment   |                                                                                                                                                                                                                    |
| Identification              | 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                 | 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          | 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 | 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.                                                  |

| eTIR field name         | Mapping to the XML element (XPath)                                                                                    | Description                                                                                            | Usage                                                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ⊢ Sequence number       | 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                                                                                          |
| ⊢ ITINERARY             | ObligationGuarantee/Declaration/Consignment/TransitTransportMeans/Itinerary                                           | Class representing the list of countries of the itinerary of the consignment                           |                                                                                                                                                                   |
| ⊢ Sequence number       | 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        | 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         | ObligationGuarantee/Declaration/Consignment/TransitTransportMeans/Itinerary/ItineraryGovernmentOffice                 | Class representing the list of customs offices of the itinerary of the consignment within the country. |                                                                                                                                                                   |
| ⊢ Identifier            | 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       | 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           | 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 of Customs office role among the codes 1, 2, 4 or 5                                     |
| ⊢ TRANSPORTEQUIPMENT    | ObligationGuarantee/Declaration/Consignment/TransportEquipment                                                        | Class representing the list of the transport equipment used for the consignment                        |                                                                                                                                                                   |
| ⊢ Sequence number       | 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  | 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            | 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 | ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument                                     | Class representing the details of the certificate of approval of the transport equipment               |                                                                                                                                                                   |
| ⊢ Number                | 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     | ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/IssueDateTime                               | Issuing date (with or without the time) 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. For Example: 20200820 represents 20 August 2020. If it is a date and time, it should follow the EDIFACT 208 format CCYYMMDDHHMMSSZHHMM. For Example: 20200820145600+0100 represents 20 August 2020 at 14:56 UTC+01:00. |
| Type, coded           | 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)                                                                                                                                                                                                                                |
| BINARYFILE            | ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile                                  | Class representing the contents of the certificate of approval         |                                                                                                                                                                                                                                                                                                                                                           |
| Identifier            | 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                 | 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           | 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               | 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             | 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                   | 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                  | 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                                                                                                                                                                                                                                                                              |
| Encoding              | 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         | 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 | 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)                                                                                                                                                                                                  |

| eTIR field name        | Mapping to the XML element (XPath)                                                                                   | Description                                                                                                                                              | Usage                                                                                                                                                                                                     |
|------------------------|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Access                 | 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            | 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                   | 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              | 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 | 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                   | ObligationGuarantee/Declaration/Consignment/TransportEquipment/Seal                                                  | Class representing the list of seals affixed to the transport equipment                                                                                  |                                                                                                                                                                                                           |
| Sequence number        | 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            | 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       | 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              | ObligationGuarantee/Declaration/DeclarationGuarantee                                                                 | Class representing the guarantee of this TIR transport                                                                                                   |                                                                                                                                                                                                           |
| Reference              | ObligationGuarantee/Declaration/DeclarationGuarantee/ReferenceID                                                     | Unique identifier of the guarantee                                                                                                                       | The value should be the unique identifier of the guarantee for this TIR transport                                                                                                                         |
| NATIONALREFERENCE      | 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              | 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         | 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)                                                                                      |

| eTIR field name                                                                                              | Mapping to the XML element (XPath)                            | Description                                                                                                           | Usage                                                                                                                                                                                                       |
|--------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  HOLDER                     | ObligationGuarantee/Declaration/Principal                     | Class representing the TIR Carnet holder (transporter) of this transport                                              |                                                                                                                                                                                                             |
|  Name                       | 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                 | 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                    | ObligationGuarantee/Declaration/Principal/Address             | Class representing the physical address of the TIR Carnet holder                                                      |                                                                                                                                                                                                             |
|  City name                  | 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             | 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 | 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    | 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             | ObligationGuarantee/Surety                                    | Class representing the information related to the issuing guarantee chain (providing guarantee for the TIR transport) |                                                                                                                                                                                                             |
|  Code                      | 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                                                                                                                   |
|  TIROPERATION             | ObligationGuarantee/TransitOperation                          | Class representing the TIR operation that is being refused to be started                                              |                                                                                                                                                                                                             |
|  Sequence number          | ObligationGuarantee/TransitOperation/SequenceNumeric          | 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      | ObligationGuarantee/TransitOperation/RegistrationID           | Identifier of the TIR operation                                                                                       | The value should be the unique identifier under which the TIR operation is nationally registered                                                                                                            |
|  START                    | ObligationGuarantee/TransitOperation/OperationStart           | Class representing the details related to the start of the TIR operation                                              |                                                                                                                                                                                                             |

| eTIR field name       | Mapping to the XML element (XPath)                                                                      | Description                                                                                                      | Usage                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------|---------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| End date time         | 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. For Example: 20200820145600+0100 represents 20 August 2020 at 14:56 UTC+01:00                                                                                                                                                                    |
| Time limit date time  | 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. For Example: 20200820 represents 20 August 2020. If it is a date and time, it should follow the EDIFACT 208 format CCYYMMDDHHMMSSZHHMM. For Example: 20200820145600+0100 represents 20 August 2020 at 14:56 UTC+01:00. |
| ADDITIONALINFORMATION | ObligationGuarantee/TransitOperation/OperationStart/AdditionalInformation                               | Class representing the potential additional information regarding the start of the TIR operation                 |                                                                                                                                                                                                                                                                                                                                                           |
| Remarks               | 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           | ObligationGuarantee/TransitOperation/OperationStart/Consignment                                         | Class representing potential parent object grouping all transport equipments and related seals information       |                                                                                                                                                                                                                                                                                                                                                           |
| TRANSPORTEQUIPMENT    | ObligationGuarantee/TransitOperation/OperationStart/Consignment/TransportEquipment                      | Class representing the list of all transport equipments used for all consignments in the TIR operation           |                                                                                                                                                                                                                                                                                                                                                           |
| Identifier            | 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                  | ObligationGuarantee/TransitOperation/OperationStart/Consignment/TransportEquipment/Seal                 | Class representing the list of seals affixed to the transport equipment                                          |                                                                                                                                                                                                                                                                                                                                                           |
| Sequence number       | 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           | 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      | 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 code list Seal type (eTIR)                                                                                                                                                                                                                                                                      |
| CONTROL               | ObligationGuarantee/TransitOperation/OperationStart/Control                                             | Class representing the details of the control performed by the customs officer before starting the TIR operation |                                                                                                                                                                                                                                                                                                                                                           |
| Type, coded           | 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)                                                                                                                                                                                                                                                                |

| eTIR field name                  | Mapping to the XML element (XPath)                                                         | Description                                                                                                                                            | Usage                                                                                                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ⊣ CONTROLRESULT                  | ObligationGuarantee/TransitOperation/OperationStart/Control/ControlResult                  | Class representing the details of the outcome of the control performed by the customs officer                                                          |                                                                                                                                                                                                          |
| ⊣ Result, coded                  | 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              | 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 | 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                     | 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                  | ObligationGuarantee/TransitOperation/OperationStart/TransitOperationStartOffice            | Class representing the details of the customs office where the TIR operation started                                                                   |                                                                                                                                                                                                          |
| ⊣ Identifier                     | 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 |
| ⊣ TERMINATION                    | ObligationGuarantee/TransitOperation/OperationTermination                                  | Class representing the details related to the termination of the TIR operation                                                                         |                                                                                                                                                                                                          |
| ⊣ End date time                  | 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. For Example: 20200820145600+0100 represents 20 August 2020 at 14:56 UTC+01:00                    |
| ⊣ Number of packages             | 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        | 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          | ObligationGuarantee/TransitOperation/OperationTermination/AdditionalInformation            | Class representing potential additional information regarding the termination of the TIR operation                                                     |                                                                                                                                                                                                          |

| eTIR field name      | Mapping to the XML element (XPath)                                                                            | Description                                                                                                              | Usage                                                                                                                                                                                                       |
|----------------------|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ⊣ Reservations       | 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        | ObligationGuarantee/TransitOperation/OperationTermination/Consignment                                         | Class representing potential parent object grouping details about all transport equipments and related seals information |                                                                                                                                                                                                             |
| ⊣ TRANSPORTEQUIPMENT | ObligationGuarantee/TransitOperation/OperationTermination/Consignment/TransportEquipment                      | Class representing the list of all transport equipments used for all consignments in the TIR operation                   |                                                                                                                                                                                                             |
| Identifier           | 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               | ObligationGuarantee/TransitOperation/OperationTermination/Consignment/TransportEquipment/Seal                 | Class representing the list of seals affixed to the transport equipment                                                  |                                                                                                                                                                                                             |
| Sequence number      | ObligationGuarantee/TransitOperation/OperationTermination/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          | 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   | 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)                                                                                                                        |
| ⊣ CONTROL            | ObligationGuarantee/TransitOperation/OperationTermination/Control                                             | Class representing the details of the control performed by the customs officer while terminating the TIR operation       |                                                                                                                                                                                                             |
| Type, coded          | 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      | ObligationGuarantee/TransitOperation/OperationTermination/Control/ControlResult                               | Class representing the details of the outcome of the control performed by the customs officer                            |                                                                                                                                                                                                             |
| Result, coded        | 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      | ObligationGuarantee/TransitOperation/OperationTermination/TransitOperationTerminationOffice                   | Class representing the details of the customs office where the TIR operation is terminated                               |                                                                                                                                                                                                             |
| Identifier           | 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          | ObligationGuarantee/TransitOperation/OperationDischarge                                                       | Class representing the details related to the discharge of the TIR operation                                             |                                                                                                                                                                                                             |

| eTIR field name         | Mapping to the XML element (XPath)                                                         | Description                                                                                                               | Usage                                                                                                                                                                                                       |
|-------------------------|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| └ End date time         | 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 CCYYMMDDHHMMSSZHMM. For Example: 20200820145600+0100 represents 20 August 2020 at 14:56 UTC+01:00                       |
| └ CUSTOMSOFFICE         | ObligationGuarantee/TransitOperation/OperationDischarge/TransitOperationDischargeOffice    | Class representing the details of the customs office where the TIR operation is discharged                                |                                                                                                                                                                                                             |
| └ Identifier            | 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        | ObligationGuarantee/TransitOperation/RefusalToStart                                        | Class representing the details related to the refusal to start the TIR operation                                          |                                                                                                                                                                                                             |
| └ End date time         | 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 CCYYMMDDHHMMSSZHMM. For Example: 20200820145600+0100 represents 20 August 2020 at 14:56 UTC+01:00                       |
| └ ADDITIONALINFORMATION | ObligationGuarantee/TransitOperation/RefusalToStart/AdditionalInformation                  | Class representing additional information regarding the refusal to start the TIR operation                                |                                                                                                                                                                                                             |
| └ Reason                | 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               | 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           | 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         | ObligationGuarantee/TransitOperation/RefusalToStart/Control/ControlResult                  | Class representing the details of the outcome of the control performed by the customs officer                             |                                                                                                                                                                                                             |
| └ Result, coded         | 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         | ObligationGuarantee/TransitOperation/RefusalToStart/TransitOperationStartOffice            | Class representing the details of the customs office where the TIR operation is refused to be started                     |                                                                                                                                                                                                             |

| eTIR field name              | Mapping to the XML element (XPath)                                                               | Description                                                                                                   | Usage                                                                                                                                                                                                                  |
|------------------------------|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| └ Identifier                 | 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                    | ObligationGuarantee/Principal                                                                    | Class representing the TIR Carnet holder (transporter) of this transport                                      |                                                                                                                                                                                                                        |
| └ Name                       | 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                 | ObligationGuarantee/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                   | ObligationGuarantee/Principal/Address                                                            | Class representing the physical address of the TIR Carnet holder                                              |                                                                                                                                                                                                                        |
| └ City name                  | 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             | 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)                                                                      |
| └ Street and number/P.O. Box | 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    | 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             | ObligationGuarantee/Principal/AuthorizationCertificate                                           | Class representing the details related to the authorization of the TIR Carnet holder in the TIR system        |                                                                                                                                                                                                                        |
| └ Status, coded              | 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          | ObligationGuarantee/Principal/AuthorizationCertificate/AuthorizationWithdrawal                   | Class representing the details related to a potential withdrawal of the TIR Carnet holder from the TIR system |                                                                                                                                                                                                                        |
| └ Start date                 | 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. For Example: 20200820 represents 20 August 2020                                                                                   |

| eTIR field name   | Mapping to the XML element (XPath)                                                                | Description                                                                                                                                 | Usage                                                                                                                                       |
|-------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| ⊣ End date        | 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. For Example: 20200820 represents 20 August 2020        |
| ⊣ ACTIVEEXCLUSION | 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      | 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. For Example: 20200820 represents 20 August 2020        |
| ⊣ End date        | 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. For Example: 20200820 represents 20 August 2020        |
| ⊣ Country, coded  | 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 "InterGov/" 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)
- [CL03](#) - Item type identification code (UN/EDIFACT 7143)
- [CL04](#) - Country name code (ISO 3166-1-alpha-2)
- [CL05](#) - Transport means description code (UNECE Recommendation 28)
- [CL06](#) - Document name code (UN/EDIFACT 1001)
- [CL07](#) - Package type description code (UNECE Recommendation 21 Annex VI)
- [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 national customs 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 **I6 - 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](#).

If there was no error, and the response message content is as expected, the next step for the national customs systems is to find in the response the information needed. Depending on the case in which the **Query mechanism** was used, the national customs systems may need to store in its database all information contained in the **I6 - Query results**, or on the contrary, the national customs systems may need to retrieve only one or a few fields from the response and process them.

### 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 **I6 - 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.

#### *201 - guarantee not acceptable*

Kindly check the state of the guarantee you tried to accept, and make sure it is correct according to the workflow described in the [guarantee state diagram](#).

#### *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.

### 320 - Holder/guarantee mismatch

Kindly check the format and value of the TIR carnet holder in the message and make sure it matches the value received in previous messages. If it does, kindly check the existence of the holder and its status using either eTIR I3 - Get holder information message, ITDB dedicated web services 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.

### 331 - guarantee chain/guarantee mismatch

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

### 332 - guarantee type/guarantee mismatch

Kindly check the value of the guarantee type 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 **I6 - Query results** message received in response to the POST of the **I5 - Query guarantee** message. This response message (Function code **11 - Response**) of the type **I6 - 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. Therefore, it should be considered that the guarantee exists.



It is important to understand that the absence of error in the **I6 - Query results** response message is the key indicator that the guarantee does indeed exist. Using **I5 - Query guarantee message** is a good way to verify a guarantee existence as well as its current status.

### I6 - 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/customs/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-6feddbf2-9eea-4c8d-af5c-38568641133b">
```

```

<ns2:queryResults xmlns:ns2="http://etir.org/v4.3/customs"
  xmlns="http://etir.org/v4.3/I5"
  xmlns:ns3="http://etir.org/v4.3/I6" 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:DocumentMetadata>
  <ns3:InterGov>
    <ns3:Function>11</ns3:Function>
    <ns3:FunctionalReferenceID>74043437-d6ab-4a79-9bd5-f1f2a8ecc1e2</ns3:FunctionalReferenceID>
    <ns3:ID>92175bf6-89bf-4b56-9451-166964fa8d5f</ns3:ID>
    <ns3:TypeCode>I6</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: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 (...) Rlc3QgZm1sZQ==
            </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:BinaryFile>
          </ns4:AdditionalDocument>
        </ns3:Consignment>
      </ns3:ObligationGuarantee>
    </ns3:InterGov>
  </ns2:queryResults>

```

In

and

```

        <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: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>GE0/054/9890</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>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>sealId</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>GE0/054/9890</ns4:ID>
<ns4:Address>
<ns4:CityName/>
<ns4:CountryCode>GE0</ns4:CountryCode>

```

```
<ns4:Line/>
<ns4:PostcodeID/>
</ns4:Address>
<ns4:AuthorizationCertificate>
  <ns4:StatusCode>001</ns4:StatusCode>
</ns4:AuthorizationCertificate>
</ns3:Principal>
</ns3:ObligationGuarantee>
</ns3:InterGov>
</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 **I5 - Query guarantee** message could not be sent after several attempts or if no **I6 - Query results** message was received in response, we recommend the customs authorities 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 customs, the eTIR service desk stands ready to assist contracting parties while interconnecting their national customs 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](mailto:etir@un.org)  
Phone: +41 (0)22 917 55 06

## 9. Annexes

### 9.1. Version history

| Date       | Author          | Version | Notes                                                                                           | eTIR specification version reference |
|------------|-----------------|---------|-------------------------------------------------------------------------------------------------|--------------------------------------|
| 28/12/2020 | 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 links to code lists                                                                     | 4.3.0                                |
| 07/06/2022 | TIR secretariat | 1.4     | Updated message description including itinerary customs office details and date formats         | 4.3.8                                |
| 08/07/2022 | TIR secretariat | 1.4     | Updated link to endpoints and SOAP actions                                                      | 4.3.8                                |

## 9.2. More examples

Please find below three additional examples of the I5 - Query guarantee / I6 - Query results messages showing how, by changing the 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

#### I5 - 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 national customs system to query the guarantee information only (Reply Type Code **01 - Return only guarantee information**) related to the guarantee **XF95001234**.

#### I5 - 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/customs" xmlns:md="http://etir.org/v4.3/DocumentMetaData"
  xmlns:urn="http://etir.org/v4.3/I5">
  <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/customs/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:InterGov>
          <urn:Function>9</urn:Function>
          <urn:ID>5cc52fcb-48dc-417e-98be-f3e47b231e74</urn:ID>
          <urn:TypeCode>I5</urn:TypeCode>
          <urn:ReplyTypeCode>01</urn:ReplyTypeCode>
          <urn:ObligationGuarantee>
            <urn:ReferenceID>XF95001234</urn:ReferenceID>
          </urn:ObligationGuarantee>
        </urn:InterGov>
      </urn:DocumentMetadata>
    </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](#).

#### I6 - Query results response message:

The example below shows the XML data of the **I6 - Query results** message received in response to the POST of the **I5 - Query guarantee** message. This response message (Function code **11 - Response**) of the type **I6 - Query results**, containing no error codes, describes the guarantee information related to the guarantee **XF95001234**, issued on **11/03/2021** and currently **In use** (Guarantee status code **002 - In use**) by the guarantee chain **IRU**. exists.

#### I6 - 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/customs/queryGuaranteeResponse</Action>
    <MessageID>urn:uuid:a8f3317a-8244-4a77-9d87-1d75d13ddca1</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-ffe9883a1cc">
    <ns2:queryResults xmlns:ns2="http://etir.org/v4.3/customs"
      xmlns:ns3="http://etir.org/v4.3/I6" 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:InterGov>
          <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>I6</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:InterGov>
      </ns3:DocumentMetadata>
    </ns2:queryResults>
  </soap:Body>
</soap:Envelope>
```

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

### I5 - 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 national customs system to query the declaration information only (Reply Type Code **02 - Return only declaration information**) related to the guarantee **XF95001234**.

#### I5 - 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/customs" xmlns:md="http://etir.org/v4.3/DocumentMetaData"
  xmlns:urn="http://etir.org/v4.3/I5">
  <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/customs/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:InterGov>
        <urn:Function>9</urn:Function>
        <urn:ID>c5d13175-1111-458f-a4da-4ba7dadaeadd</urn:ID>
        <urn:TypeCode>I5</urn:TypeCode>
        <urn:ReplyTypeCode>02</urn:ReplyTypeCode>
        <urn:ObligationGuarantee>
          <urn:ReferenceID>XF95001234</urn:ReferenceID>
        </urn:ObligationGuarantee>
      </urn:InterGov>
    </urn:DocumentMetadata>
  </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](#).

### I6 - Query results response message:

The example below shows the XML data of the **I6 - Query results** message received in response to the POST of the **I5 - Query guarantee** message. This response message (Function code **11 - Response**) of the type **I6 - 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.

## I6 - 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/customs/queryGuaranteeResponse</Action>
    <MessageID>urn:uuid:adc8b358-8465-4fe5-a400-c48d13b43ee0</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/customs"
      xmlns="http://etir.org/v4.3/I5" xmlns:md="http://etir.org/v4.3/DocumentMetaData"
      xmlns:ns3="http://etir.org/v4.3/I6"
      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:InterGov>
          <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>I6</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:Consignment>
                <ns4:ContainerCode>69</ns4:ContainerCode>
              </ns3:Consignment>
            </ns3:Declaration>
          </ns3:ObligationGuarantee>
        </ns3:InterGov>
      </ns2:queryResults>
    </soap:Body>
  </soap:Envelope>

```

Diagnosis

```

<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:GrossMassMeasure>
    <ns4:GrossMassMeasure>15000</ns4:GrossMassMeasure>
  </ns4:GrossMassMeasure>
  <ns4:Packaging>
    <ns4:TypeCode>V0</ns4:TypeCode>
    <!-- no quantity rule C002

```

!--&gt;

```

</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>GE0/054/9890</ns3:ID>
</ns3:Principal>
</ns3:Declaration>
<ns3:Surety>
  <ns3:ID>IRU</ns3:ID>
</ns3:Surety>
</ns3:ObligationGuarantee>
</ns3:InterGov>
</ns3:DocumentMetadata>
</ns2:queryResults>
</soap:Body>
</soap:Envelope>

```

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

#### I5 - 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 national customs system to query the TIR transport information only (Reply Type Code **03 - Return only TIR transport information**) related to the guarantee **XF95001234**.

#### I5 - 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/customs" xmlns:md="http://etir.org/v4.3/DocumentMetaData"
  xmlns:urn="http://etir.org/v4.3/I5">
  <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/customs/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:InterGov>
        <urn:Function>9</urn:Function>
        <urn:ID>f4d6dae3-9d73-40dd-87d5-8a0749e9e209</urn:ID>
        <urn:TypeCode>I5</urn:TypeCode>
        <urn:ReplyTypeCode>03</urn:ReplyTypeCode>
        <urn:ObligationGuarantee>
          <urn:ReferenceID>XF95001234</urn:ReferenceID>
        </urn:ObligationGuarantee>
      </urn:InterGov>
    </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](#).

#### I6 - Query results response message:

The example below shows the XML data of the **I6 - Query results** message received in response to the POST of the **I5 - Query guarantee** message. This response message (Function code **11 - Response**) of the type **I6 - 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.

#### I6 - 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/customs/queryGuaranteeResponse</Action>
    <MessageID>urn:uuid:a1ed1c85-134c-4521-bafa-7e22aab0de08</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/customs"
      xmlns="http://etir.org/v4.3/I5"
      xmlns:ns3="http://etir.org/v4.3/I6" 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:InterGov>
        <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>I6</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>16GE03503000051123</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:OperationStart>
          </ns3:TransitOperation>
        </ns3:ObligationGuarantee>
      </ns3:InterGov>
    </ns2:queryResults>
  </soap:Body>
</soap:Envelope>

```

```
<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:InterGov>
</ns3:DocumentMetadata>
</ns2:queryResults>
</soap:Body>
</soap:Envelope>
```