UNITED NATIONS ECONOMIC COMMISSION FOR EUROPE

eTIR web services - Messages I15-I16
I15 - Notify customs / I16 - Notification confirmation

eTIR

UNECE

Table of Contents

1. Document revision note

This document has been published on **22/12/2021**, and is valid for the **eTIR international system version 1.0** based on the **eTIR specifications version 4.3.0**.

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

2. Related documents

Project documents and collaboration platform

- eTIR documentation portal: https://etir.org/documentation

- Project guidelines for customs to connect to the eTIR international system : https://etir.org/documentation/project-guidelines-customs

- eTIR web services - Introduction document: https://etir.org/documentation/introduction

- eTIR web services - Messages I1-I2: I1 - Accept guarantee / I2 - Acceptance results https://etir.org/documentation/i1-i2

- eTIR web services - Messages I3-I4: I3 - Get holder information / I4 - Holder information https://etir.org/documentation/i3-i4

- eTIR web services - Messages I5-I6: I5 - Query guarantee / I6 - Query results https://etir.org/documentation/i5-i6

- eTIR web services - Messages I7-I8: I7 - Record declaration data / I8 - Record declaration data results https://etir.org/documentation/i7-i8

- eTIR web services - Messages I9-I10: I9 - Start TIR operation / I10 - Start results https://etir.org/documentation/i9-i10

- eTIR web services - Messages I11-I12: I11 - Terminate TIR operation / I12 - Termination results https://etir.org/documentation/i11-i12

- eTIR web services - Messages I13-I14: I13 - Discharge TIR operation / I14 - Discharge results https://etir.org/documentation/i13-i14

- eTIR web services - Messages 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 **I15 - Notify customs** request message, and the **I16 - Notification confirmation** 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 national customs system notification endpoint URL has been communicated to the TIR secretariat, and is configured and accessible to the eTIR international system.**

- **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.

6. "I15 - Notify customs" / "I16 - Notification confirmation" messages

6.1. Sequence diagrams

The following sequence diagrams highlight the role and sequence position of the **I15 - Notify customs** and **I16 - Notification confirmation** messages in the different contexts where they can be used during a TIR transport.

> In the specific context of **I15 - Notify customs / I16 - Notification confirmation** messages, the eTIR international system sends the **I15 - Notify customs** request message to the national customs system which replies using the **I16 - Notification confirmation** response message. Customs authorities should be ready to receive and process this notification anytime. In addition, it is important to note that these notifications can be sent for several reasons and in different contexts.

In the eTIR specifications version 4.3.0, the **I15 - Notify customs** message can be sent by the eTIR international system in the following two cases which are further illustrated with the corresponding sequence diagrams below:

1. **Declaration**: when the declaration of a TIR transport is received for the first time by the eTIR international system or when it is subsequently updated along the itinerary.

2. **Seals**: when the seals of at least one of the transport equipment of the TIR transport are affixed for the first time or when they are changed during the TIR transport.

6.1.1. Declaration
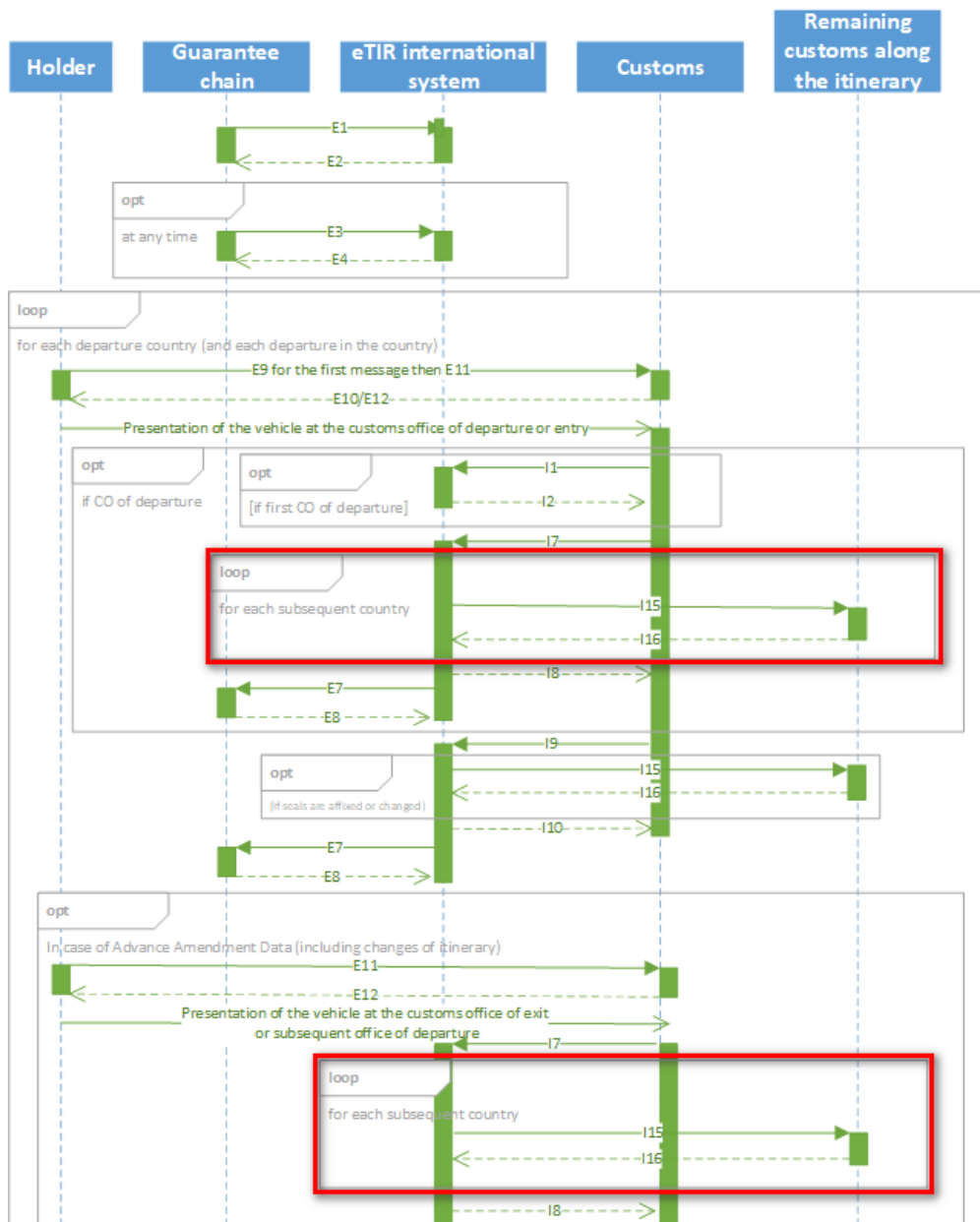
When a customs office of departure (the first one or a subsequent loading point) sends the I7 - Record declaration data message, the eTIR international system forwards this declaration data to the remaining countries along the itinerary.

6.1.2. Seals

6.1.2.1. Triggered upon the reception of an I9 - Start TIR operation message
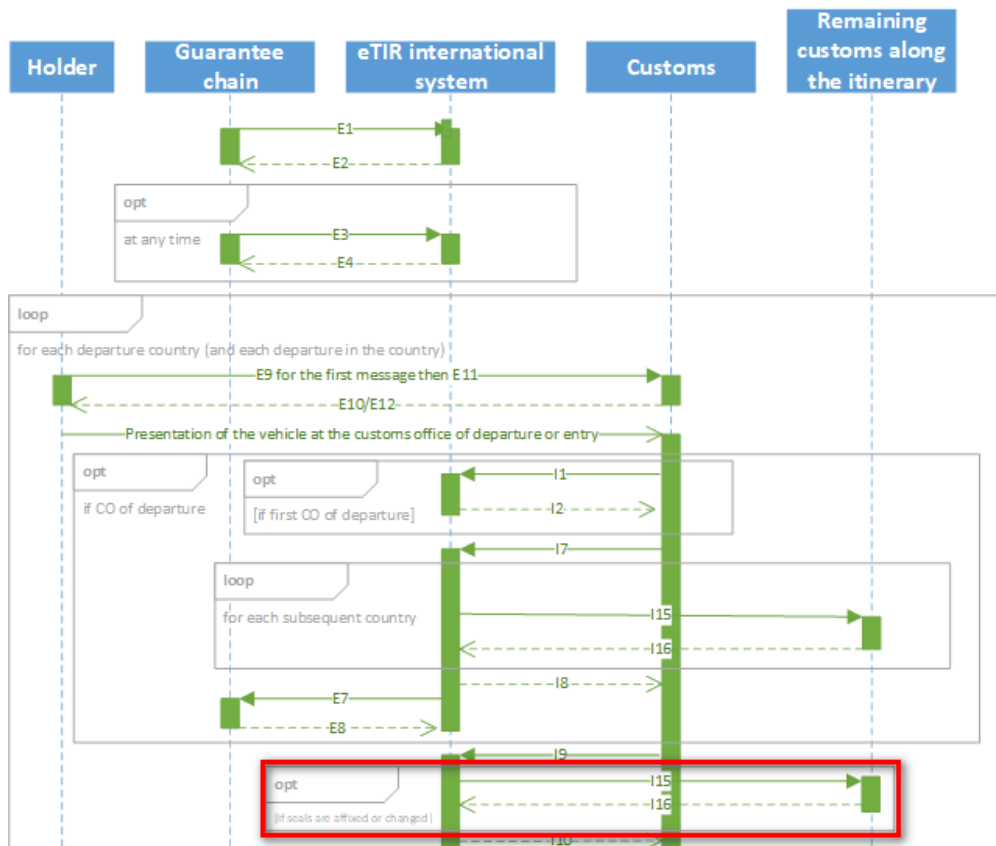
When seals are affixed for the first time at the initial customs office of departure or when seals are changed, following an inspection, when starting a TIR operation, the eTIR international system forwards the information about the new seals to the remaining countries along the itinerary.

6.1.2.2. Triggered upon the reception of an I11 - Terminate TIR operation message
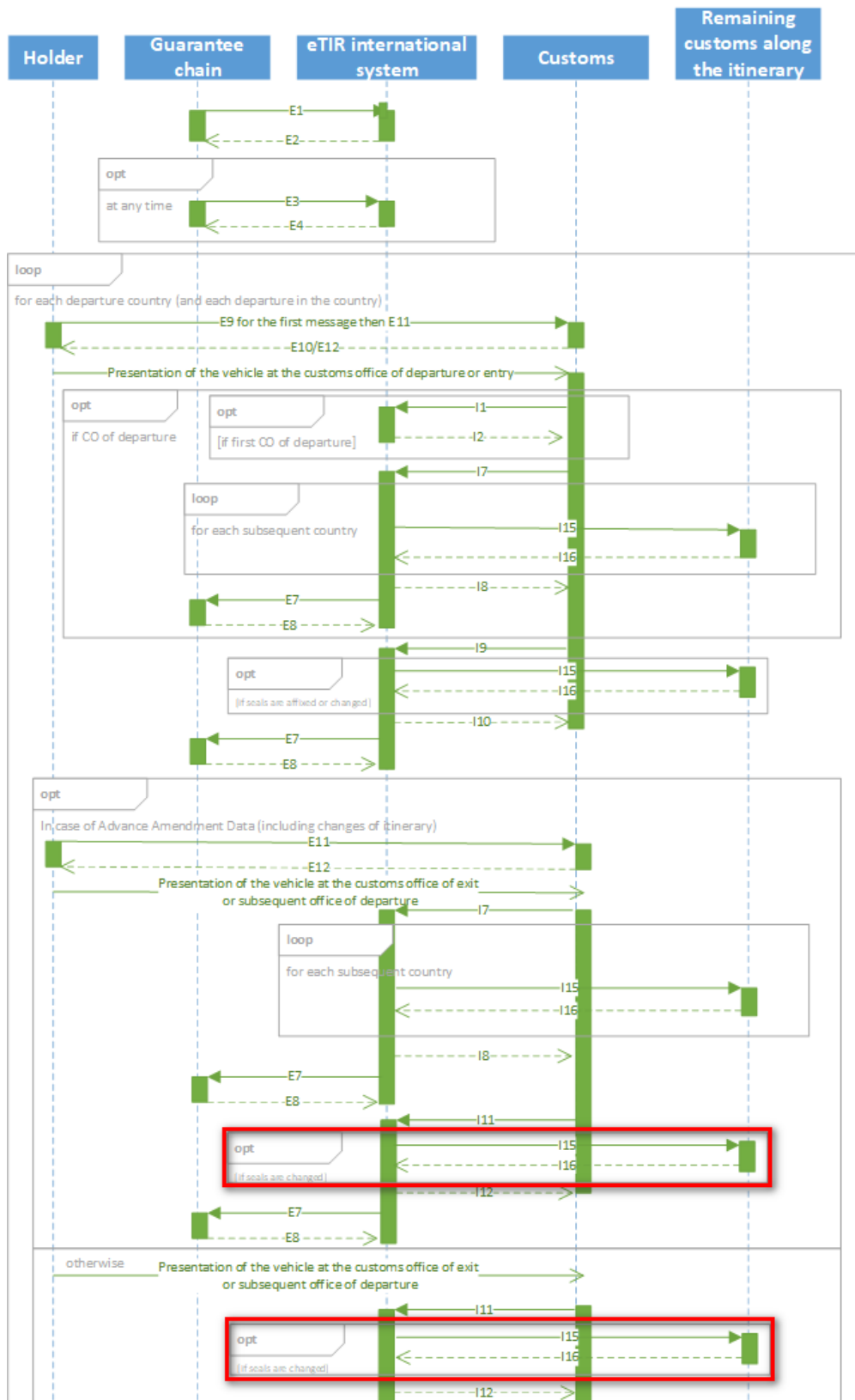
When seals are changed, following an inspection, when terminating a TIR operation, the eTIR international system forwards the information about the new seals to the remaining countries along the itinerary.

> The full eTIR sequence diagrams (Departure, Transit and Destination) are available in the dedicated section of the eTIR web services introduction document.

6.2. Message context

The **I15 - Notify customs** is an informational message sent by the eTIR international system to notify the customs authorities of the availability of new information related to a TIR transport. As a notification, it should be expected at anytime, and the contents of this message should be entirely processed.

6.2.1. Message prerequisites

The **I15 - Notify customs** message doesn't require any other message to be implemented prior its implementation.

6.2.2. Endpoint URL and SOAP Action

Since the **I15 - Notify customs** message is sent by the eTIR international system to the national customs system, it requires the national customs system endpoint URL to be configured in the eTIR international system to be properly communicated.

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

6.3. "I15 - Notify customs" request message

6.3.1. Description

The eTIR international system sends the **I15 - Notify customs** request message to the national customs system to notify customs authorities of the availability of new information.

The XSD file related to the **I15 - Notify customs** message is available at the following URL: https://wiki.unece.org/download/attachments/106299941/WCO_eTIR_I15_1.xsd.

6.3.2. Field details

ℹ️ 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		
├ Message identifier	ID	R	1..1	an..70			
├ Type, coded	TypeCode	R	1..1	an..3	CL26		
├┬ DECLARATIONDATA	Declaration	D	0..1			C010	
│ ├ Issuing date time	Declaration/IssueDateTime	R	1..1	an..35			
│ ├ Total gross weight	Declaration/TotalGrossMassMeasure	R	1..1	n..16,6			
│ ├┬ ADDITIONALINFORMATION	Declaration/AdditionalInformation	O	0..1				
│ │ └ Remarks	Declaration/AdditionalInformation/StatementDescription	O	0..1	an..512			
│ ├┬ AGENT	Declaration/Agent	O	0..1				
│ │ ├ Name	Declaration/Agent/Name	D	0..1	an..70		C001	
│ │ ├ Identifier	Declaration/Agent/ID	D	0..1	an..35		C001	
│ │ ├ Role, coded	Declaration/Agent/RoleCode	R	1..1	an..3	CL02		
│ │ └┬ ADDRESS	Declaration/Agent/Address	D	0..1			C001	
│ │ ├ City name	Declaration/Agent/Address/CityName	R	1..1	an..35			
│ │ ├ Country, coded	Declaration/Agent/Address/CountryCode	R	1..1	a2	CL04		
│ │ ├ Street and number/P.O. Box	Declaration/Agent/Address/Line	R	1..1	an..256			
│ │ └ Postcode identification	Declaration/Agent/Address/PostcodeID	O	0..1	an..17			

eTIR field name	Mapping to the XML element (XPath)	Status	Cardinality	Format	Code lists	Conditions	Rules
│ ├──┬─ AMENDMENT	Declaration/Amendment	O	0..*				
│ │ ├─ Type, coded	Declaration/Amendment/ChangeReasonCode	R	1..1	an..3	CL17		
│ │ └──┬─ POINTER	Declaration/Amendment/Pointer	R	1..1				
│ │ ├─ Sequence number	Declaration/Amendment/Pointer/SequenceNumeric	R	1..1	n..5			
│ │ └─ Location	Declaration/Amendment/Pointer/Location	R	1..1	an..512			
│ ├──┬─ SUBCONTRACTOR	Declaration/Carrier	O	0..*				
│ │ ├─ Name	Declaration/Carrier/Name	D	0..1	an..70		C001	
│ │ ├─ Identifier	Declaration/Carrier/ID	D	0..1	an..35		C001	
│ │ └──┬─ ADDRESS	Declaration/Carrier/Address	D	0..1			C001	
│ │ ├─ City name	Declaration/Carrier/Address/CityName	R	1..1	an..35			
│ │ ├─ Country, coded	Declaration/Carrier/Address/CountryCode	R	1..1	a2	CL04		
│ │ ├─ Street and number/P.O. Box	Declaration/Carrier/Address/Line	R	1..1	an..256			
│ │ └─ Postcode identification	Declaration/Carrier/Address/PostcodeID	O	0..1	an..17			
│ ├──┬─ CONSIGNMENT	Declaration/Consignment	O	0..*				
│ │ ├─ Container transport indicator	Declaration/Consignment/ContainerCode	R	1..1	an..3			
│ │ ├─ Sequence number	Declaration/Consignment/SequenceNumeric	R	1..1	n..5			
│ │ ├─ Heavy or bulky goods indicator	Declaration/Consignment/HeavyOrBulkyGoodsIndicator	R	1..1				
│ │ ├──┬─ ATTACHEDDOCUMENTS	Declaration/Consignment/AdditionalDocument	O	0..*				
│ │ │ ├─ Number	Declaration/Consignment/AdditionalDocument/ID	R	1..1	an..70			
│ │ │ ├─ Issuing date time	Declaration/Consignment/AdditionalDocument/IssueDateTime	R	1..1	an..35			
│ │ │ ├─ Type, coded	Declaration/Consignment/AdditionalDocument/TypeCode	R	1..1	an..3	CL06		
│ │ │ └──┬─ BINARYFILE	Declaration/Consignment/AdditionalDocument/BinaryFile	O	0..1				
│ │ │ ├─ Identifier	Declaration/Consignment/AdditionalDocument/BinaryFile/ID	R	1..1	an..256			
│ │ │ ├─ Title	Declaration/Consignment/AdditionalDocument/BinaryFile/Title	R	1..1	an..256			
│ │ │ ├─ Author name	Declaration/Consignment/AdditionalDocument/BinaryFile/AuthorName	O	0..1	an..70			
│ │ │ ├─ Version	Declaration/Consignment/AdditionalDocument/BinaryFile/VersionID	O	0..1	an..17			
│ │ │ ├─ File name	Declaration/Consignment/AdditionalDocument/BinaryFile/FileNametext	O	0..1	an..256			
│ │ │ ├─ URI	Declaration/Consignment/AdditionalDocument/BinaryFile/URIID	O	0..1	an..2048			

eTIR field name	Mapping to the XML element (XPath)	Status	Cardinality	Format	Code lists	Conditions	Rules
| | | ├ MIME	Declaration/Consignment/AdditionalDocument/BinaryFile/MIMECode	O	0..1	an..70			
| | | ├ Encoding	Declaration/Consignment/AdditionalDocument/BinaryFile/EncodingCode	O	0..1	an..17			
| | | ├ Character set	Declaration/Consignment/AdditionalDocument/BinaryFile/CharacterSetCode	O	0..1	n..17			
| | | ├ Include binary object	Declaration/Consignment/AdditionalDocument/BinaryFile/IncludedBinaryObjectBinaryObject	O	0..1	N/A			
| | | ├ Access	Declaration/Consignment/AdditionalDocument/BinaryFile/Access	O	0..1	an..256			
| | | ├ Description	Declaration/Consignment/AdditionalDocument/BinaryFile/Description	O	0..1	an..256			
| | | ├ Size	Declaration/Consignment/AdditionalDocument/BinaryFile/SizeMeasure	O	0..1	n..16,6			
| | | ├ Hash code	Declaration/Consignment/AdditionalDocument/BinaryFile/HashCode	O	0..1	an..256			
| | | └ Hash code algorithm id	Declaration/Consignment/AdditionalDocument/BinaryFile/HashCodeAlgorithmIDCode	O	0..1	an..6			
| | ├┬ CONSIGNMENTITEM	Declaration/Consignment/ConsignmentItem	R	1..*				
| | | ├ Sequence number	Declaration/Consignment/ConsignmentItem/SequenceNumeric	R	1..1	n..5			
| | | ├┬ ADDITIONALINFORMATION	Declaration/Consignment/ConsignmentItem/AdditionalInformation	O	0..*				
| | | | └ Remarks	Declaration/Consignment/ConsignmentItem/AdditionalInformation/Content	R	1..1	an..512			
| | | ├┬ GOODS	Declaration/Consignment/ConsignmentItem/Commodity	R	1..1				
| | | | ├ Description	Declaration/Consignment/ConsignmentItem/Commodity/CargoDescription	D	0..1	an..256		C004	
| | | └┬ CLASSIFICATION	Declaration/Consignment/ConsignmentItem/Commodity/Classification	O	0..*				R008
| | | | ├ Code	Declaration/Consignment/ConsignmentItem/Commodity/Classification/ID	R	1..1	an..18			
| | | | └ Type, coded	Declaration/Consignment/ConsignmentItem/Commodity/Classification/IdentificationTypeCode	R	1..1	an..3	CL03		
| | | ├┬ CONSIGNEE	Declaration/Consignment/ConsignmentItem/Consignee	O	0..1				
| | | | ├ Name	Declaration/Consignment/ConsignmentItem/Consignee/Name	D	0..1	an..70		C001	
| | | | ├ Identifier	Declaration/Consignment/ConsignmentItem/Consignee/ID	D	0..1	an..35		C001	
| | | | └┬ ADDRESS	Declaration/Consignment/ConsignmentItem/Consignee/Address	D	0..1			C001	

eTIR field name	Mapping to the XML element (XPath)	Status	Cardinality	Format	Code lists	Conditions	Rules
| | | | ├ City name	Declaration/Consignment/ConsignmentItem/Consignee/Address/CityName	R	1..1	an..35			
| | | | ├ Country, coded	Declaration/Consignment/ConsignmentItem/Consignee/Address/CountryCode	R	1..1	a2	CL04		
| | | | ├ Street and number/P.O. Box	Declaration/Consignment/ConsignmentItem/Consignee/Address/Line	R	1..1	an..256			
| | | | └ Postcode identification	Declaration/Consignment/ConsignmentItem/Consignee/Address/PostcodeID	O	0..1	an..17			
| | | ├─ CONSIGNOR	Declaration/Consignment/ConsignmentItem/Consignor	O	0..1				
| | | | ├ Name	Declaration/Consignment/ConsignmentItem/Consignor/Name	D	0..1	an..70		C001	
| | | | ├ Identifier	Declaration/Consignment/ConsignmentItem/Consignor/ID	D	0..1	an..35		C001	
| | | | └─ ADDRESS	Declaration/Consignment/ConsignmentItem/Consignor/Address	D	0..1			C001	
| | | | ├ City name	Declaration/Consignment/ConsignmentItem/Consignor/Address/CityName	R	1..1	an..35			
| | | | ├ Country, coded	Declaration/Consignment/ConsignmentItem/Consignor/Address/CountryCode	R	1..1	a2	CL04		
| | | | ├ Street and number/P.O. Box	Declaration/Consignment/ConsignmentItem/Consignor/Address/Line	R	1..1	an..256			
| | | | └ Postcode identification	Declaration/Consignment/ConsignmentItem/Consignor/Address/PostcodeID	O	0..1	an..17			
| | | ├─ DELIVERYDESTINATION	Declaration/Consignment/ConsignmentItem/DeliveryDestination	O	0..1				
| | | | ├ Name	Declaration/Consignment/ConsignmentItem/DeliveryDestination/Name	R	1..1	an..70			
| | | | └─ ADDRESS	Declaration/Consignment/ConsignmentItem/DeliveryDestination/Address	R	1..1				
| | | | ├ City name	Declaration/Consignment/ConsignmentItem/DeliveryDestination/Address/CityName	R	1..1	an..35			
| | | | ├ Country, coded	Declaration/Consignment/ConsignmentItem/DeliveryDestination/Address/CountryCode	R	1..1	a2	CL04		
| | | | ├ Street and number/P.O. Box	Declaration/Consignment/ConsignmentItem/DeliveryDestination/Address/Line	R	1..1	an..256			
| | | | └ Postcode identification	Declaration/Consignment/ConsignmentItem/DeliveryDestination/Address/PostcodeID	O	0..1	an..17			
| | | ├─ GOODSMEASURE	Declaration/Consignment/ConsignmentItem/GoodsMeasure	R	1..1				
| | | | └ Gross weight	Declaration/Consignment/ConsignmentItem/GoodsMeasure/GrossMassMeasure	R	1..1	n..16,6			

eTIR field name	Mapping to the XML element (XPath)	Status	Cardinality	Format	Code lists	Conditions	Rules
| | | ├─┬ PACKAGING	Declaration/Consignment/ConsignmentItem/Packaging	R	1..1				
| | | | ├ Sequence number	Declaration/Consignment/ConsignmentItem/Packaging/SequenceNumeric	R	1..1	n..5			
| | | | ├ Marks and numbers	Declaration/Consignment/ConsignmentItem/Packaging/MarksNumbersID	D	0..1	an..512		C002	
| | | | ├ Number of packages	Declaration/Consignment/ConsignmentItem/Packaging/QuantityQuantity	D	0..1	n..8		C002	
| | | | └ Type, coded	Declaration/Consignment/ConsignmentItem/Packaging/TypeCode	R	1..1	an..2	CL07		
| | | ├─┬ TRANSPORTEQUIPMENT	Declaration/Consignment/ConsignmentItem/TransportEquipment	D	0..1			C003	
| | | | └ Identifier	Declaration/Consignment/ConsignmentItem/TransportEquipment/ID	R	1..1	an..17			
| | | └─┬ UCR	Declaration/Consignment/ConsignmentItem/UCR	O	0..1				
| | | | └ Identifier	Declaration/Consignment/ConsignmentItem/UCR/ID	R	1..1	an..35			
| | ├─┬ LOADINGLOCATION	Declaration/Consignment/LoadingLocation	O	0..1				
| | | └ Name	Declaration/Consignment/LoadingLocation/Name	R	1..1	an..256			
| | ├─┬ NOTIFYPARTY	Declaration/Consignment/NotifyParty	O	0..1				
| | | ├ Name	Declaration/Consignment/NotifyParty/Name	D	0..1	an..70		C001	
| | | ├ Identifier	Declaration/Consignment/NotifyParty/ID	D	0..1	an..35		C001	
| | | └─┬ ADDRESS	Declaration/Consignment/NotifyParty/Address	D	0..1			C001	
| | | ├ City name	Declaration/Consignment/NotifyParty/Address/CityName	R	1..1	an..35			
| | | ├ Country, coded	Declaration/Consignment/NotifyParty/Address/CountryCode	R	1..1	a2	CL04		
| | | ├ Street and number/P.O. Box	Declaration/Consignment/NotifyParty/Address/Line	R	1..1	an..256			
| | | └ Postcode identification	Declaration/Consignment/NotifyParty/Address/PostcodeID	O	0..1	an..17			
| | ├─┬ CUSTOMSOFFICEOFDEPARTURE	Declaration/Consignment/TransitDeparture	R	1..1				
| | | └ Identifier	Declaration/Consignment/TransitDeparture/ID	R	1..1	an..35			
| | ├─┬ CUSTOMSOFFICEOFDESTINATION	Declaration/Consignment/TransitDestination	R	1..1				
| | | └ Identifier	Declaration/Consignment/TransitDestination/ID	R	1..1	an..35			
| | ├─┬ TRANSPORTMEANS	Declaration/Consignment/TransitTransportMeans	R	1..*				R002
| | | ├ Identifier	Declaration/Consignment/TransitTransportMeans/ID	R	1..1	an..25			
| | | ├ Type, coded	Declaration/Consignment/TransitTransportMeans/TypeCode	R	1..1	an..4	CL05		
| | | ├ Nationality, coded	Declaration/Consignment/TransitTransportMeans/RegistrationNationalityCode	R	1..1	a2	CL04		
| | | ├ Conveyance reference number	Declaration/Consignment/TransitTransportMeans/JourneyID	O	0..1	an..17			

eTIR field name	Mapping to the XML element (XPath)	Status	Cardinality	Format	Code lists	Conditions	Rules
| | | ├ Sequence number	Declaration/Consignment/TransitTransportMeans/SequenceNumeric	R	1..1	n..5			
| | | └┬ COUNTRYOFROUTING	Declaration/Consignment/TransitTransportMeans/Itinerary	R	1..*				R001
| | | ├ Sequence number	Declaration/Consignment/TransitTransportMeans/Itinerary/SequenceNumeric	R	1..1	n..5			
| | | └ Country, coded	Declaration/Consignment/TransitTransportMeans/Itinerary/RoutingCountryCode	R	1..1	a2	CL04		
| | └┬ TRANSPORTEQUIPMENT	Declaration/Consignment/TransportEquipment	D	0..*			C003	
| | ├ Sequence number	Declaration/Consignment/TransportEquipment/SequenceNumeric	R	1..1	n..5			
| | ├ Size and type, coded	Declaration/Consignment/TransportEquipment/CharacteristicCode	R	1..1	an..4	CL01		
| | ├ Identifier	Declaration/Consignment/TransportEquipment/ID	R	1..1	an..17			
| | ├┬ CERTIFICATEOFAPPROVAL	Declaration/Consignment/TransportEquipment/AdditionalDocument	D	0..1			C005	
| | | ├ Number	Declaration/Consignment/TransportEquipment/AdditionalDocument/ID	R	1..1	an..70			
| | | ├ Issuing date time	Declaration/Consignment/TransportEquipment/AdditionalDocument/IssueDateTime	R	1..1	an..35			
| | | ├ Type, coded	Declaration/Consignment/TransportEquipment/AdditionalDocument/TypeCode	R	1..1	an..3	CL06		
| | | └┬ BINARYFILE	Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile	O	0..1				
| | | ├ Identifier	Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/ID	R	1..1	an..256			
| | | ├ Title	Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/Title	R	1..1	an..256			
| | | ├ Author name	Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/AuthorName	O	0..1	an..70			
| | | ├ Version	Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/VersionID	O	0..1	an..17			
| | | ├ File name	Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/FileNametext	O	0..1	an..256			
| | | ├ URI	Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/URIID	O	0..1	an..2048			
| | | ├ MIME	Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/MIMECode	O	0..1	an..70			

eTIR field name	Mapping to the XML element (XPath)	Status	Cardinality	Format	Code lists	Conditions	Rules
│ │ │ ├ Encoding	Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/EncodingCode	O	0..1	an..17			
│ │ │ ├ Character set	Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/CharacterSetCode	O	0..1	n..17			
│ │ │ ├ Include binary object	Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/IncludedBinaryObjectBinaryObject	O	0..1	N/A			
│ │ │ ├ Access	Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/Access	O	0..1	an..256			
│ │ │ ├ Description	Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/Description	O	0..1	an..256			
│ │ │ ├ Size	Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/SizeMeasure	O	0..1	n..16,6			
│ │ │ ├ Hash code	Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/HashCode	O	0..1	an..256			
│ │ │ └ Hash code algorithm id	Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/HashCodeAlgorithmIDCode	O	0..1	an..6			
│ │ └┬ SEAL	Declaration/Consignment/TransportEquipment/Seal	O	0..*				
│ │ ├ Sequence number	Declaration/Consignment/TransportEquipment/Seal/SequenceNumeric	R	1..1	n..5			R003, R004
│ │ ├ Seal number	Declaration/Consignment/TransportEquipment/Seal/ID	R	1..1	an..35			R005
│ │ └ Seal type, coded	Declaration/Consignment/TransportEquipment/Seal/TypeCode	O	0..1	an..3	CL08		
│ ├┬ GUARANTEE	Declaration/DeclarationGuarantee	R	1..1				
│ │ ├ Validity date	Declaration/DeclarationGuarantee/ExpirationDateTime	R	1..1	an..35			
│ │ ├ Reference	Declaration/DeclarationGuarantee/ReferenceID	R	1..1	an..35			
│ │ └ Guarantee type, coded	Declaration/DeclarationGuarantee/SecurityDetailsCode	R	1..1	an..3	CL12		
│ └┬ HOLDER	Declaration/Principal	O	0..1				
│ ├ Name	Declaration/Principal/Name	O	0..1	an..70			
│ ├ Identifier	Declaration/Principal/ID	R	1..1	an..35			
│ └┬ ADDRESS	Declaration/Principal/Address	O	0..1				
│ ├ City name	Declaration/Principal/Address/CityName	R	1..1	an..35			
│ ├ Country, coded	Declaration/Principal/Address/CountryCode	R	1..1	a2	CL04		
│ ├ Street and number/P.O. Box	Declaration/Principal/Address/Line	R	1..1	an..256			
│ └ Postcode identification	Declaration/Principal/Address/PostcodeID	O	0..1	an..17			
└┬ GUARANTEE	ObligationGuarantee	O	0..1				
├ Reference	ObligationGuarantee/ReferenceID	R	1..1	an..35			

eTIR field name	Mapping to the XML element (XPath)	Status	Cardinality	Format	Code lists	Conditions	Rules
└┬ TIROPERATION	ObligationGuarantee/TransitOperation	D	0..*			C010	
├ 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/OperationTerminati on/Control/ControlResult/ID	R	1..1	an..3	CL24		
| └─ CUSTOMSOFFICE	ObligationGuarantee/TransitOperation/OperationTerminati on/TransitOperationTerminationOffice	R	1..1				
| └ Identifier	ObligationGuarantee/TransitOperation/OperationTerminati on/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/Ins pectionEndDateTime	R	1..1	an..35			
├─ ADDITIONALINFORMATION	ObligationGuarantee/TransitOperation/RefusalToStart/Add itionalInformation	R	1..1				
| └ Reason	ObligationGuarantee/TransitOperation/RefusalToStart/Add itionalInformation/Content	R	1..1	an..512			
├─ CONTROL	ObligationGuarantee/TransitOperation/RefusalToStart/Con trol	O	0..1				
| ├ Type, coded	ObligationGuarantee/TransitOperation/RefusalToStart/Con trol/TypeCode	R	1..1	an..3	CL25		
| └─ CONTROLRESULT	ObligationGuarantee/TransitOperation/RefusalToStart/Con trol/ControlResult	R	1..1				
| └ Result, coded	ObligationGuarantee/TransitOperation/RefusalToStart/Con trol/ControlResult/ID	R	1..1	an..3	CL24		
└─ CUSTOMSOFFICE	ObligationGuarantee/TransitOperation/RefusalToStart/Tra nsitOperationStartOffice	R	1..1				
└ Identifier	ObligationGuarantee/TransitOperation/RefusalToStart/Tra nsitOperationStartOffice/ID	R	1..1	an..17			

6.3.3. Field descriptions & usages

> ℹ️ 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, depending on the type of notification, either: "T1" (New declaration data), "T2" (Update declaration data),"T7" (Seals information when starting a TIR operation) or "T8" (Seals information when terminating a TIR operation). Those codes will soon be included in the CL16 - Message function code (UN/EDIFACT 1225) code list.
├ 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 "I15"
├┬ DECLARATIONDATA	Declaration	Class representing the declaration data as accepted by customs	
│ ├ Issuing date time	Declaration/IssueDateTime	Date at which the message E9 (or E11) received by the customs, was issued	The value should be the one from the "Issuing date" attribute of the message E9 received by the customs
│ ├ Total gross weight	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 code list Measurement unit (UNECE Recommendation 20)
│ ├┬ ADDITIONALINFORMATION	Declaration/AdditionalInformation	Class containing potential additional information at the declaration level	
│ │ └ Remarks	Declaration/AdditionalInformation/StatementDescription	Text used to allow for remarks to the declaration from the holder	The value should be containing the remarks to the declaration from the transporter, or remains blank if there are none
│ ├┬ AGENT	Declaration/Agent	Class representing the potential agent which would declare the goods on behalf of the holder	
│ │ ├ Name	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	Declaration/Agent/ID	Unique identifier of the agent	The value should be the unique identifier of the agent
│ │ ├ Role, coded	Declaration/Agent/RoleCode	Code of the role of the agent	The value should be the code matching the role of the agent from the code list Party role (UN/EDIFACT 3035)

eTIR field name	Mapping to the XML element (XPath)	Description	Usage
| | └─ ADDRESS	Declaration/Agent/Address	Class representing the physical address of the Agent	
| | ├ City name	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	Declaration/Agent/Address/CountryCode	Code of the country of the physical address of the agent	The value should be the code of the country of the physical address of the agent from the list Country name code (ISO 3166-1-alpha-2)
| | ├ Street and number/P.O. Box	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	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	Declaration/Amendment	Class representing the list of potential amendments to the declaration	
| | ├ Type, coded	Declaration/Amendment/ChangeReasonCode	Code describing the type of amendment	The value should be the code matching the type of amendment from the code list Amendment type (eTIR)
| | └─ POINTER	Declaration/Amendment/Pointer	Class representing the pointer to the part of the declaration to be amended	
| | ├ Sequence number	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	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	Declaration/Carrier	Class representing the potential agent which undertakes or arranges transport of goods between named points	
| | ├ Name	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	Declaration/Carrier/ID	Unique identifier of the subcontractor	The value should be the unique identifier of the subcontractor
| | └─ ADDRESS	Declaration/Carrier/Address	Class representing the physical address of the subcontractor	
| | ├ City name	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	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 code list Country name (ISO 3166-1-alpha-2)

eTIR field name	Mapping to the XML element (XPath)	Description	Usage
`│  │    ├─ Street and number/P.O. Box`	`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`	`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`	`Declaration/Consignment`	Class representing the list of details on the transport of goods between a loading point and an unloading point	
`│  │  ├─ Container transport indicator`	`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`	`Declaration/Consignment/SequenceNumeric`	Index of the consignment in the list	The value should be the 1-based index of the consignment in the list
`│  │  ├─ Heavy or bulky goods indicator`	`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`	`Declaration/Consignment/AdditionalDocument`	Class representing the list of potential additional documents supplied as part of the declaration and related to the consignment	
`│  │  │  ├─ Number`	`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`	`Declaration/Consignment/AdditionalDocument/IssueDateTime`	Issuing date and time of the document	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.
`│  │  │  ├─ Type, coded`	`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 code list Document name (UN/EDIFACT 1001)
`│  │  │  └─┬ BINARYFILE`	`Declaration/Consignment/AdditionalDocument/BinaryFile`	Class representing the content of the document	
`│  │  │    ├─ Identifier`	`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`	`Declaration/Consignment/AdditionalDocument/BinaryFile/Title`	Title of the document	The value should be the title of the document
`│  │  │    ├─ Author name`	`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`	`Declaration/Consignment/AdditionalDocument/BinaryFile/VersionID`	Version number of the document	The value should be the version of the document

eTIR field name	Mapping to the XML element (XPath)	Description	Usage
├ File name	Declaration/Consignment/AdditionalDocument/BinaryFile/FileNametext	File name of the document	The value should be the name of the file representing the document, including the extension
├ URI	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	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	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	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	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	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	Declaration/Consignment/AdditionalDocument/BinaryFile/Description	Description of the document	The value should be the description of the document and explain what it contains
├ Size	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 code list Measurement unit (UNECE Recommendation 20)
├ Hash code	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	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	Declaration/Consignment/ConsignmentItem	Class representing the list of details on the items in the consignment	
├ Sequence number	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	Declaration/Consignment/ConsignmentItem/AdditionalInformation	Class representing the list of potential additional information at the consignment item level	

eTIR field name	Mapping to the XML element (XPath)	Description	Usage
| | | | └ Remarks	Declaration/Consignment/ConsignmentItem/AdditionalInformation/Content	Remarks on the consignment item	The value should be a text allowing for additional remarks on the consignment item
| | | ┌─ GOODS	Declaration/Consignment/ConsignmentItem/Commodity	Class representing the details on the goods	
| | | | ├ Description	Declaration/Consignment/ConsignmentItem/Commodity/CargoDescription	Description of the goods	The value should be a text describing the goods
| | | | └─ CLASSIFICATION	Declaration/Consignment/ConsignmentItem/Commodity/Classification	Class representing the list of classification details of the goods	
| | | | ├ Code	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	Declaration/Consignment/ConsignmentItem/Commodity/Classification/IdentificationTypeCode	Code of the classification	The value should be the code of the classification from the code list Item type identification (UN/EDIFACT 7143)
| | | ┌─ CONSIGNEE	Declaration/Consignment/ConsignmentItem/Consignee	Class representing the potential consignee of the goods	
| | | | ├ Name	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	Declaration/Consignment/ConsignmentItem/Consignee/ID	Unique identifier of the consignee	The value should be the unique identifier of the consignee
| | | | └─ ADDRESS	Declaration/Consignment/ConsignmentItem/Consignee/Address	Class representing the physical address of the consignee	
| | | | ├ City name	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	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 code list Country name (ISO 3166-1-alpha-2)
| | | | ├ Street and number/P.O. Box	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	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	Declaration/Consignment/ConsignmentItem/Consignor	Class representing the potential consignor of the goods	
| | | | ├ Name	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	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	Declaration/Consignment/ConsignmentItem/Consignor/Address	Class representing the physical address of the consignor	
| | | | ├ City name	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	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 code list Country name (ISO 3166-1-alpha-2)
| | | | ├ Street and number/P.O. Box	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	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	Declaration/Consignment/ConsignmentItem/DeliveryDestination	Class representing the potential party to which the goods should be delivered	
| | | | ├ Name	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	Declaration/Consignment/ConsignmentItem/DeliveryDestination/Address	Class representing the physical address of the delivery destination	
| | | | ├ City name	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	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 code list Country name (ISO 3166-1-alpha-2)
| | | | ├ Street and number/P.O. Box	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	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	Declaration/Consignment/ConsignmentItem/GoodsMeasure	Class representing the details on the measures of the goods	
| | | | └ Gross weight	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 (UNECE Recommendation 20) code list

eTIR field name	Mapping to the XML element (XPath)	Description	Usage
| | | ├─ PACKAGING	Declaration/Consignment/ConsignmentItem/Packaging	Class representing the list of details on the packaging of the goods	
| | | | ├ Sequence number	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	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	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	Declaration/Consignment/ConsignmentItem/Packaging/TypeCode	Code of the packaging type	The value should be the code of the type of packaging from the code list Package type description (UNECE Recommendation 21 Annex VI)
| | | ├─ TRANSPORTEQUIPMENT	Declaration/Consignment/ConsignmentItem/TransportEquipment	Class representing the transport equipment used for the consignment item	
| | | | └ Identifier	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	Declaration/Consignment/ConsignmentItem/UCR	Class representing the Unique Trader Reference	
| | | └ Identifier	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	Declaration/Consignment/LoadingLocation	Class representing the place of loading of the goods	
| | | └ Name	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	Declaration/Consignment/NotifyParty	Class representing a potential party to be notified	
| | | ├ Name	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	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	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	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	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 code list Country name (ISO 3166-1-alpha-2)
| | | ├ Street and number/P.O. Box	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	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	Declaration/Consignment/TransitDeparture	Class representing the customs office where the goods are loaded	
| | | └ Identifier	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	Declaration/Consignment/TransitDestination	Class representing the customs office where the goods are unloaded	
| | | └ Identifier	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	Declaration/Consignment/TransitTransportMeans	Class representing the list of the means of transport for the consignment	
| | | ├ Identifier	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	Declaration/Consignment/TransitTransportMeans/TypeCode	Code of the means of transport	The value should be the code of the means of transport from the code list Transport means description (UNECE Recommendation 28)
| | | ├ Nationality, coded	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 code list Country name (ISO 3166-1-alpha-2)
| | | ├ Conveyance reference number	Declaration/Consignment/TransitTransportMeans/JourneyID	Unique identifier of the journey	The value should be the unique identifier of the journey of a means of transport (for example voyage number, flight number or trip number)
| | | ├ Sequence number	Declaration/Consignment/TransitTransportMeans/SequenceNumeric	Index of the transport means in the list	The value should be the 1-based index of the transport means in the list

eTIR field name	Mapping to the XML element (XPath)	Description	Usage
| | |└─ COUNTRYOFROUTING	Declaration/Consignment/TransitTransportMeans/Itinerary	Class representing the list of countries of the itinerary of the consignment	
| | | ├ Sequence number	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	Declaration/Consignment/TransitTransportMeans/Itinerary/RoutingCountryCode	Code of the country	The value should be the code of the country from the code list Country name (ISO 3166-1-alpha-2)
| |└─ TRANSPORTEQUIPMENT	Declaration/Consignment/TransportEquipment	Class representing the list of the transport equipment used for the consignment	
| | ├ Sequence number	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	Declaration/Consignment/TransportEquipment/CharacteristicCode	Code of the transport equipment	The value should be the code of the transport equipment (specifying its characteristics) from the code list Equipment size and type description (UN/EDIFACT 8155)
| | ├ Identifier	Declaration/Consignment/TransportEquipment/ID	Identifier of the transport equipment	The value should be marks (letters and/or numbers) which identify the transport equipment
| | ├─ CERTIFICATEOFAPPROVAL	Declaration/Consignment/TransportEquipment/AdditionalDocument	Class representing the details of the certificate of approval of the transport equipment	
| | | ├ Number	Declaration/Consignment/TransportEquipment/AdditionalDocument/ID	Unique identifier of the certificate of approval	The value should be the unique identifier of the certificate of approval
| | | ├ Issuing date time	Declaration/Consignment/TransportEquipment/AdditionalDocument/IssueDateTime	Issuing date and time of the document	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.
| | | ├ Type, coded	Declaration/Consignment/TransportEquipment/AdditionalDocument/TypeCode	Code of the type of file	The value should be the code of the type of the document from the code list Document name (UN/EDIFACT 1001)
| | | └─ BINARYFILE	Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile	Class representing the content of the document	
| | | ├ Identifier	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	Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/Title	Title of the document	The value should be the title of the document
| | | ├ Author name	Declaration/Consignment/TransportEquipment/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

eTIR field name	Mapping to the XML element (XPath)	Description	Usage
│ │ │ ├ Version	Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/VersionID	Version number of the document	The value should be the version of the document
│ │ │ ├ File name	Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/FileNametext	File name of the document	The value should be the name of the file representing the document, including the extension
│ │ │ ├ URI	Declaration/Consignment/TransportEquipment/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	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	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	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	Declaration/Consignment/TransportEquipment/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	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	Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/Description	Description of the document	The value should be the description of the document and explain what it contains
│ │ │ ├ Size	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 (UNECE Recommendation 20) code list
│ │ │ ├ Hash code	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	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	Declaration/Consignment/TransportEquipment/Seal	Class representing the list of seals affixed to the transport equipment	/!\ In the context of the eTIR specifications v4.3, this element shall not be provided /!\
│ │ ├ Sequence number	Declaration/Consignment/TransportEquipment/Seal/SequenceNumeric	Index of the seal in the list	/!\ In the context of the eTIR specifications v4.3, this element shall not be provided /!\

eTIR field name	Mapping to the XML element (XPath)	Description	Usage
│ │ ├─ Seal number	Declaration/Consignment/TransportEquipment/Seal/ID	Unique identifier of the seal	/!\ In the context of the eTIR specifications v4.3, this element shall not be provided /!\
│ │ └─ Seal type, coded	Declaration/Consignment/TransportEquipment/Seal/TypeCode	Code of the type of seal	/!\ In the context of the eTIR specifications v4.3, this element shall not be provided /!\
│ ├─┬ GUARANTEE	Declaration/DeclarationGuarantee	Class representing the guarantee of this TIR transport	
│ │ ├─ Validity date	Declaration/DeclarationGuarantee/ExpirationDateTime	Last day of validity of the guarantee for starting a TIR transport	The value should be a date to be provided following the EDIFACT 102 format CCYYMMDD. For Example: 20200820 represents 20 August 2020.
│ │ ├─ Reference	Declaration/DeclarationGuarantee/ReferenceID	Unique identifier of the guarantee	The value should be the unique identifier of the guarantee for this TIR transport
│ │ └─ Guarantee type, coded	Declaration/DeclarationGuarantee/SecurityDetailsCode	Code of the guarantee type	This value should be the code of the guarantee type from the code list Guarantee type (eTIR)
│ └─┬ HOLDER	Declaration/Principal	Class representing the holder (transporter) of this transport	
│ ├─ Name	Declaration/Principal/Name	Name of the 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	Declaration/Principal/ID	Unique identifier of the holder	The value should be the unique identifier of the holder as recorded in the International TIR Data Bank (ITDB)
│ └─┬ ADDRESS	Declaration/Principal/Address	Class representing the physical address of the holder	
│ ├─ City name	Declaration/Principal/Address/CityName	City name of the physical address of the holder	The value should be the city name of the physical address of the holder
│ ├─ Country, coded	Declaration/Principal/Address/CountryCode	Code of the country of the physical address of the holder	The value should be the code of the country of the physical address of the holder from the code list Country name (ISO 3166-1-alpha-2)
│ ├─ Street and number/P.O. Box	Declaration/Principal/Address/Line	Street name of the physical address of the holder	The value should be the street name and number (or equivalent) of the physical address of the holder
│ └─ Postcode identification	Declaration/Principal/Address/PostcodeID	Postal/Zip code of the physical address of the holder	The value should be the postal/ZIP code of the physical address of the holder
└─┬ 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

eTIR field name	Mapping to the XML element (XPath)	Description	Usage
└┬ 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	
│ ├ End date time	ObligationGuarantee/TransitOperation/OperationStart/InspectionEndDateTime	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

eTIR field name	Mapping to the XML element (XPath)	Description	Usage
│ │ ├ 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 list Seal type code (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 code list Control type(eTIR)
│ │ └ 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 code list Control result (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/InspectionEndDateTime	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 CCYYMMDDHHMMSSZHHMM. For Example: 20200820145600+0100 represents 20 August 2020 at 14:56 UTC+01:00.

eTIR field name	Mapping to the XML element (XPath)	Description	Usage
├─ 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 Termination type code (eTIR) list
├─ ADDITIONALINFORMATION	ObligationGuarantee/TransitOperation/OperationTermination/AdditionalInformation	Class representing potential additional information regarding the termination of the TIR operation	
│ └─ 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 Control type code (eTIR) list
│ └─ 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 Control result code (eTIR) list

eTIR field name	Mapping to the XML element (XPath)	Description	Usage
| └┬ CUSTOMSOFFICE	ObligationGuarantee/TransitOperation/OperationTerminati on/TransitOperationTerminationOffice	Class representing the details of the customs office where the TIR operation is terminated	
| └ Identifier	ObligationGuarantee/TransitOperation/OperationTerminati on/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	
| ├ End date time	ObligationGuarantee/TransitOperation/OperationDischarge /InspectionEndDateTime	Date and time when the TIR operation has just been discharged	The value should be a date and time to be provided following the EDIFACT 208 format CCYYMMDDHHMMSSZHHMM. 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/Ins pectionEndDateTime	Date and time when the TIR operation has been refused to be started	The value should be a date and time to be provided following the EDIFACT 208 format CCYYMMDDHHMMSSZHHMM. For Example: 20200820145600+0100 represents 20 August 2020 at 14:56 UTC+01:00.
├─ ADDITIONALINFORMATION	ObligationGuarantee/TransitOperation/RefusalToStart/Add itionalInformation	Class representing additional information regarding the refusal to start the TIR operation	
| └ Reason	ObligationGuarantee/TransitOperation/RefusalToStart/Add itionalInformation/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/Con trol	Class representing the details of the control performed by the customs officer before refusing to start the TIR operation	
| ├ Type, coded	ObligationGuarantee/TransitOperation/RefusalToStart/Con trol/TypeCode	Code of the type of control	The value should be the code of the type of control from the Control type (eTIR) code list
| └┬ CONTROLRESULT	ObligationGuarantee/TransitOperation/RefusalToStart/Con trol/ControlResult	Class representing the details of the outcome of the control performed by the customs officer	

eTIR field name	Mapping to the XML element (XPath)	Description	Usage
└ 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 Control result (eTIR) code list
└─ CUSTOMSOFFICE	ObligationGuarantee/TransitOperation/RefusalToStart/TransitOperationStartOffice	Class representing the details of the customs office where the TIR operation is refused to be started	
└ 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

⚠️ 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 receiving 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)
- CL24 - Control result code (eTIR)
- CL25 - Control type code (eTIR)
- CL26 - Message types (eTIR)
- CL27 - Termination type 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)

- **C010:** IF (MESSAGE.Message function, coded) = '69' OR 'T2'
  THEN NOT EMPTY (DECLARATIONDATA) AND EMPTY (GUARANTEE.TIROPERATION)
  ELSE IF (MESSAGE.Message function, coded) = 'T7' OR 'T8'
  THEN EMPTY (DECLARATIONDATA) AND NOT EMPTY (GUARANTEE.TIROPERATION)

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 the national customs system should process the information received in the notification

Upon reception, the **I15 - Notify customs** message should be validated and any error found should be returned in the **I16 - Notification confirmation** message.

Depending on the event triggering the communication of the notification, the eTIR international system will fill specific fields of the **I15 - Notify customs** message. Since the national customs system does not about know the reason for sending this notification, it should process the entire message and record in its database all the information contained in the message.

In the events described in Declaration, the eTIR international system will send the information about the declaration data in the "DECLARATIONDATA" class of the message. In this scenario, the national customs system records all information related to the TIR transport in its database (if it's the first time it receives this declaration) and will return, in the **I16 - Notification confirmation** message, the national reference associated to the TIR transport.

In the events described in Seals, the eTIR international system will send the information related to the seals either in the "GUARANTEE/TIROPERATION/START" class or in the "GUARANTEE/TIROPERATION/TERMINATION" class. In this scenario, the national customs system records the information about the new seals in its database.

6.3.7. Example

The example below shows the XML data to be sent via POST method to the national customs system endpoint URL to notify each customs authorities of the countries along the itinerary of information related to the beginning of the TIR transport related to the seals information during a Start TIR operation at customs office **GE0715** for the TIR transport related to the guarantee **XF95001234**. This request message (Message function: **96 - Amended declaration data**) of the type **I15**, describes a TIR transport declaration data that was issued on **09/04/2021** at **09:45 UTC+4** by the customs office

GE0715, regarding a consignment 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**. There is a CMR as an attached document and also the certificate of approval for the transport equipment.

I15 - Notify customs request message

```xml
<?xml version="1.0" encoding="UTF-8"?>
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope">
    <soap:Header xmlns:wsa="http://www.w3.org/2005/08/addressing">
        (...)
        <wsa:Action>http://etir.org/v4.3/toCustoms/notifyCustoms</wsa:Action>
        <wsa:MessageID>uuid:7538f686-a769-4120-a922-1fa671f43d1e</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-bf84dd2d-3344-4867-81c1-919188eb3381">
        <ns3:notifyCustoms xmlns:ns3="http://etir.org/v4.3/toCustoms" xmlns:md=
"http://etir.org/v4.3/DocumentMetaData"
                    xmlns:ns4="http://etir.org/v4.3/I15" xmlns:ns2="http://etir.org/v4.3/DataSets">
            <ns4: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>recipientID</md:ID>
                    </md:Recipient>
                    <md:Sender>
                        <md:ID>eTIR international system</md:ID>
                    </md:Sender>
                </md:CommunicationMetaData>
                <ns4:InterGov>
                    <ns4:Function>96</ns4:Function>
                    <ns4:ID>55d70f8a-4cbc-4132-88b4-706ce7ca7cf3</ns4:ID>
                    <ns4:TypeCode>I15</ns4:TypeCode>
                    <ns4:Declaration>
                        <ns4:IssueDateTime formatCode="208">20210409094536+04 00</ns4:IssueDateTime>
                        <!--Optional:-->
                        <ns4:AdditionalInformation/>
                        <!--Optional:-->
                        <ns4:Agent>
                            <ns2:ID>AG2457-GEO154</ns2:ID>
                            <ns2:RoleCode>AG</ns2:RoleCode>
                        </ns4:Agent>
                        <!--Optional:-->
                        <ns4:Carrier>
                            <ns2:ID>GEO/054/9890</ns2:ID>
                        </ns4:Carrier>
                        <!--Zero or more repetitions:-->
                        <ns4:Consignment>
                            <ns2:ContainerCode>69</ns2:ContainerCode>
                            <ns2:SequenceNumeric>1</ns2:SequenceNumeric>
                            <ns2:HeavyOrBulkyGoodsIndicator>0</ns2:HeavyOrBulkyGoodsIndicator>
                            <!--Zero or more repetitions:-->
                            <ns2:AdditionalDocument>
                                <ns2:ID>attached_document_001</ns2:ID>
                                <ns2:IssueDateTime formatCode="102">20210403</ns2:IssueDateTime>
                                <ns2:TypeCode>730</ns2:TypeCode>
                                <ns2:BinaryFile>
                                    <ns2:ID>1</ns2:ID>
                                    <ns2:Title>CMR</ns2:Title>
                                    <ns2:IncludedBinaryObjectBinaryObject>dGhpcyBpcyBhIH (...) Rlc3QgZmlsZQ==
                                    </ns2:IncludedBinaryObjectBinaryObject>
                                    <ns2:AuthorName>Gérard Menvuça</ns2:AuthorName>
```

```
                    <ns2:VersionID>1</ns2:VersionID>
                    <ns2:FileNametext>cmr12482.pdf</ns2:FileNametext>
                    <ns2:MIMECode>application/pdf</ns2:MIMECode>
                    <ns2:EncodingCode>UTF-8</ns2:EncodingCode>
                    <ns2:CharacterSetCode>UTF-8</ns2:CharacterSetCode>
                    <ns2:Description>The CMR linked to the TIR transport</ns2:Description>
                    <ns2:SizeMeasure unitCode="2P">754</ns2:SizeMeasure>
                    <ns2:TypeCode>pdf</ns2:TypeCode>
                    <ns2:HashCode>54b0c58c7ce9f2a8b551351102ee0938</ns2:HashCode>
                    <ns2:HashCodeAlgorithmIDCode>MD5</ns2:HashCodeAlgorithmIDCode>
                </ns2:BinaryFile>
            </ns2:AdditionalDocument>
            <!--1 or more repetitions:-->
            <ns2:ConsignmentItem>
                <ns2:SequenceNumeric>1</ns2:SequenceNumeric>
                <!--Zero or more repetitions:-->
                <ns2:AdditionalInformation>
                    <ns2:Content>Instruments used in clinical laboratories for In Vitro Diagnosis
                    </ns2:Content>
                </ns2:AdditionalInformation>
                <ns2:Commodity>
                    <ns2:CargoDescription>COVID-19 Diagnostic Test instruments and apparatus
                    </ns2:CargoDescription>
                    <!--Zero or more repetitions:-->
                    <ns2:Classification>
                        <ns2:ID>9027.80</ns2:ID>
                        <ns2:IdentificationTypeCode>HS</ns2:IdentificationTypeCode>
                    </ns2:Classification>
                </ns2:Commodity>
                <!--Optional:-->
                <ns2:Consignee>
                    <ns2:ID>CE368324456</ns2:ID>
                </ns2:Consignee>
                <!--Optional:-->
                <ns2:Consignor>
                    <ns2:ID>CO654832668</ns2:ID>
                </ns2: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>
                <ns2:GoodsMeasure>
                    <ns2:GrossMassMeasure>15000</ns2:GrossMassMeasure>
                </ns2:GoodsMeasure>
                <ns2:Packaging>
                    <ns2:TypeCode>VO</ns2:TypeCode>                <!-- no quantity rule C002 !-->
                </ns2:Packaging>
                <!--Optional:-->
                <ns2:TransportEquipment>
                    <ns2:ID>TE1</ns2:ID>
                </ns2:TransportEquipment>
                <!--Optional:-->
                <ns2:UCR>
                    <!--Optional:-->
                    <ns2:ID>UCR</ns2:ID>
                </ns2:UCR>
            </ns2:ConsignmentItem>
            <!--Optional:-->
            <ns2:LoadingLocation>
                <!--Optional:-->
                <ns2:Name>Fictitious Factory</ns2:Name>
```

```
                        </ns2:LoadingLocation>
                        <!--Optional:-->
                        <ns2:NotifyParty>
                        </ns2:NotifyParty>
                        <ns2:TransitDeparture>
                            <ns2:ID>GE0715</ns2:ID>
                        </ns2:TransitDeparture>
                        <ns2:TransitDestination>
                            <ns2:ID>IR10210</ns2:ID>
                        </ns2:TransitDestination>
                        <!--1 or more repetitions:-->
                        <ns2:TransitTransportMeans>
                            <ns2:ID>CM-875-KZ</ns2:ID>
                            <ns2:TypeCode>33</ns2:TypeCode>
                            <ns2:RegistrationNationalityCode>GE</ns2:RegistrationNationalityCode>
                            <ns2:JourneyID>J-12745124</ns2:JourneyID>
                            <ns2:Itinerary>
                                <ns2:SequenceNumeric>1</ns2:SequenceNumeric>
                                <ns2:RoutingCountryCode>GE</ns2:RoutingCountryCode>
                            </ns2:Itinerary>
                            <ns2:Itinerary>
                                <ns2:SequenceNumeric>2</ns2:SequenceNumeric>
                                <ns2:RoutingCountryCode>TR</ns2:RoutingCountryCode>
                            </ns2:Itinerary>
                            <ns2:Itinerary>
                                <ns2:SequenceNumeric>3</ns2:SequenceNumeric>
                                <ns2:RoutingCountryCode>IR</ns2:RoutingCountryCode>
                            </ns2:Itinerary>
                        </ns2:TransitTransportMeans>
                        <!--Zero or more repetitions:-->
                        <ns2:TransportEquipment>
                            <ns2:SequenceNumeric>1</ns2:SequenceNumeric>
                            <ns2:CharacteristicCode>CC1</ns2:CharacteristicCode>
                            <ns2:ID>TE1</ns2:ID>
                            <ns2:AdditionalDocument>
                                <ns2:ID>CoA-4873218</ns2:ID>
                                <ns2:IssueDateTime formatCode="208">20201122113346+0400</ns2:IssueDateTime>
                                <ns2:TypeCode>CoA</ns2:TypeCode>
                                <ns2:BinaryFile>
                                    <ns2:ID>1</ns2:ID>
                                    <ns2:Title>Certificate of approval</ns2:Title>
                                    <ns2:AuthorName>Georgia Revenue Service</ns2:AuthorName>
                                    <ns2:VersionID>1</ns2:VersionID>
                                    <ns2:URIID>https://my.server/fileFolder/CoA.pdf</ns2:URIID>
                                    <ns2:Access>Password:mysecurepassword</ns2:Access>
                                    <ns2:Description>The scan copy of the certificate of approval of the TIR
truck
                                    </ns2:Description>
                                    <ns2:SizeMeasure unitCode="4L">2.457</ns2:SizeMeasure>
                                    <ns2:TypeCode>pdf</ns2:TypeCode>
                                    <ns2:HashCode>4b8c7b76204678a76d6a8ab83f5563d0</ns2:HashCode>
                                    <ns2:HashCodeAlgorithmIDCode>MD5</ns2:HashCodeAlgorithmIDCode>
                                </ns2:BinaryFile>
                            </ns2:AdditionalDocument>
                            <!--Zero or more repetitions:-->
                            <ns2:Seal>
                            </ns2:Seal>
                        </ns2:TransportEquipment>
                    </ns4:Consignment>
                    <!--Zero or more repetitions:-->
                    <ns4:DeclarationGuarantee>
                        <ns4:ExpirationDateTime formatCode="102">20211122</ns4:ExpirationDateTime>
                        <ns4:ReferenceID>XF95001234</ns4:ReferenceID>
                    </ns4:DeclarationGuarantee>
                    <!--Optional:-->
                    <!--principal mandatory for process even if not in wsdl-->
                    <ns4:Principal>
```

```
                    <ns4:ID>GEO/054/9890</ns4:ID>
                </ns4:Principal>
            </ns4:Declaration>
            <ns4:ObligationGuarantee>
                <ns4:ReferenceID>XF95001234</ns4:ReferenceID>
            </ns4:ObligationGuarantee>
        </ns4:InterGov>
    </ns4:DocumentMetadata>
  </ns3:notifyCustoms>
  </soap:Body>
</soap:Envelope>
```

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

ℹ️ More examples of the I15 - Notify customs request message and of the I16 - Notification confirmation response message are available in the More examples annex of this document.

6.4. "I16 - Notification confirmation" response message

6.4.1. Description

The national customs system returns the **I16 - Notification confirmation** response message to the eTIR international system to confirm the reception of the notification and to provide the national reference of the TIR transport (when the notification in received in case of new or updated declaration data).

The XSD file related to the **I16 - Notification confirmation** message is available at the following URL: https://wiki.unece.org/download/attachments/106299941/WCO_eTIR_I16_1.xsd.

6.4.2. 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		
├┬ DECLARATIONDATA	Declaration	O	0..1				R011
│ └┬ NATIONALREFERENCE	Declaration/NationalReference	R	1..1				
│ ├ Reference	Declaration/NationalReference/ID	R	1..1	an..35			
│ └ Country, coded	Declaration/NationalReference/IssuingCountryCode	R	1..1	a2	CL04		
└┬ 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			

6.4.3. 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 "I15" The value should be "6" (Confirmation) if the request was processed correctly. If at least one error is described in this message, the value should be"27" (Not accepted)
├ 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 (I15)
├ 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 "I16"
├┬ DECLARATIONDATA	Declaration	Class representing the declaration data as accepted by customs	
│ └┬ NATIONALREFERENCE	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	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 which has received the "I15 - Notify customs" notification message
│ └ Country, coded	Declaration/NationalReference/IssuingCountryCode	Code of the country along the itinerary	The value should be the code of the country which has received the notification "I15" from the Country name code (ISO 3166-1-alpha-2) list
└┬ 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 code 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

eTIR field name	Mapping to the XML element (XPath)	Description	Usage
└ 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

⚠ 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.

6.4.4. Referred code lists

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

- CL04 - Country name code (ISO 3166-1-alpha-2)
- CL16 - Message function code (UN/EDIFACT 1225)
- CL26 - Message types (eTIR)
- CL99 - Error code (eTIR)

> ℹ️   All code lists are described in the eTIR code lists document.

6.4.5. 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:

- **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:

- **R011:** *If the Message confirms the reception of declaration data (original or amended) then the "National Reference" information must be provided.*

6.4.6. How the national customs system should prepare and send the notification confirmation

If one or more errors were detected during the validation of the **I15 - Notify customs** message, they should be listed in the **I16 - Notification confirmation** message.

If no error was found, the national customs system will generate the **I16 - Notification confirmation** message and send it to the eTIR international system to acknowledge receipt of the notification. In case the **I15 - Notify customs** message was sent to forward information related to the declaration data, the national customs system should return the national reference information used to record the TIR transport.

6.4.7. Applicable error codes

> ⚠️   It is important that in the context of **I15 - Notify customs** / **I16 - Notification confirmation** messages, all possible errors are to be detected and returned by the national customs system if found. The eTIR web services introduction document contains a dedicated section describing how and where to add those error codes in the response messages. Find below the list of error codes that may be returned as part of the **I16 - Notification confirmation** response message:

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.

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.

214 - Operation ID already registered

Kindly check the message ID and that it is not conflicting with another operation ID.

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.

> 🛈 The full list of error codes can be found on the dedicated error code list web page.

6.4.8. Example

The example below shows the XML data of the **I16 - Notification confirmation** message sent to the eTIR international system endpoint URL, by the national customs system, in response to the POST of the **I15 - Notify customs** message received from the eTIR international system. This response message (Function code **6 - Confirmation**) of the type **I16**, containing no error codes, describes a confirmation of the reception of the notification by the customs authorities from Iran (**IR**) and returns the national reference of the TIR transport issued by their national customs system: **TIR-XF95001234**.

Therefore, it should be considered that the notification has been duly received and recorded in the national customs system.

> ℹ️ It is important to understand that the absence of error in the **I16 - Notification confirmation** response message is the key indicator to reflect that the notification has been received and acknowledged.

I16 - Notification confirmation response message

```xml
<?xml version="1.0" encoding="UTF-8"?>
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope">
    <soap:Header xmlns:wsa="http://www.w3.org/2005/08/addressing">
        (...)
        <wsa:Action>http://etir.org/v4.3/toCustoms/notificationConfirmation</wsa:Action>
        <wsa:MessageID>uuid:256b0d3c-d220-47ed-a3bd-9b4d29289572</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-157c8636-0d0b-48ac-bd58-67da0007c354">
        <ns3:notificationConfirmation xmlns:ns3="http://etir.org/v4.3/toCustoms" xmlns:ns4="
http://etir.org/v4.3/I16"
                                      xmlns:md="http://etir.org/v4.3/DocumentMetaData">
            <ns4: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>recipientID</md:ID>
                    </md:Sender>
                </md:CommunicationMetaData>
                <ns4:InterGov>
                    <ns4:Function>6</ns4:Function>
                    <ns4:FunctionalReferenceID>55d70f8a-4cbc-4132-88b4-706ce7ca7cf3</ns4:FunctionalReferenceID>
                    <ns4:ID>ec8682bc-f3b2-48b9-a4de-f03c3fa8e9d9</ns4:ID>
                    <ns4:TypeCode>I16</ns4:TypeCode>
                    <ns4:Declaration>
                        <ns4:ID>XF95001234</ns4:ID>
                        <ns4:NationalReference>
                            <ns4:ID>TIR-XF95001234</ns4:ID>
                            <ns4:IssuingCountryCode>IR</ns4:IssuingCountryCode>
                        </ns4:NationalReference>
                    </ns4:Declaration>
                </ns4:InterGov>
            </ns4:DocumentMetadata>
        </ns3:notificationConfirmation>
    </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

The eTIR international system features a technical fallback mechanism to ensure the best chances for all notifications to be communicated and acknowledged.

For example, in the context of the reception of the declaration data from the customs office of departure, the eTIR international system sends **I15 - Notify customs** notification message to all subsequent countries along the itinerary of the TIR transport:
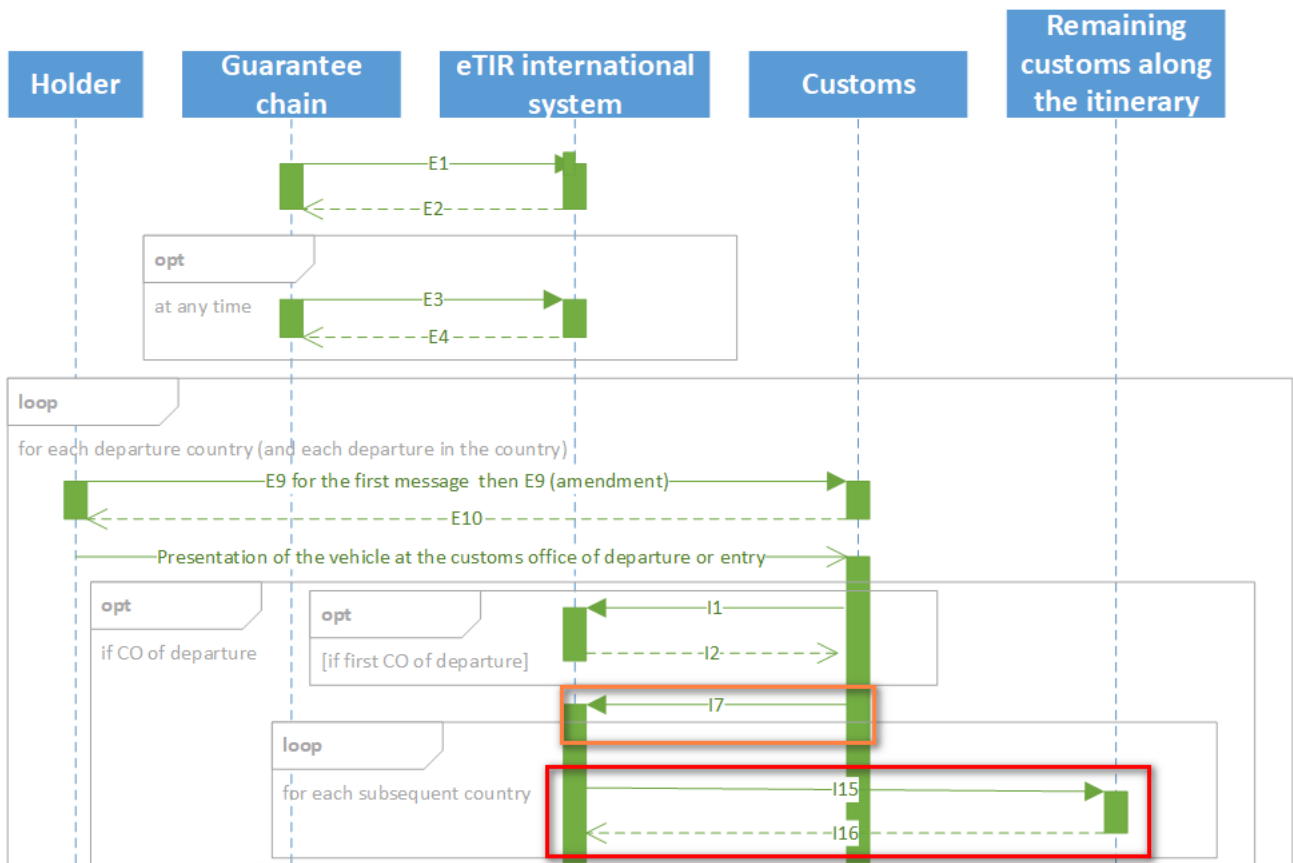
The eTIR international system uses a queuing system to retry sending notifications. The diagram below illustrates this fallback mechanism:
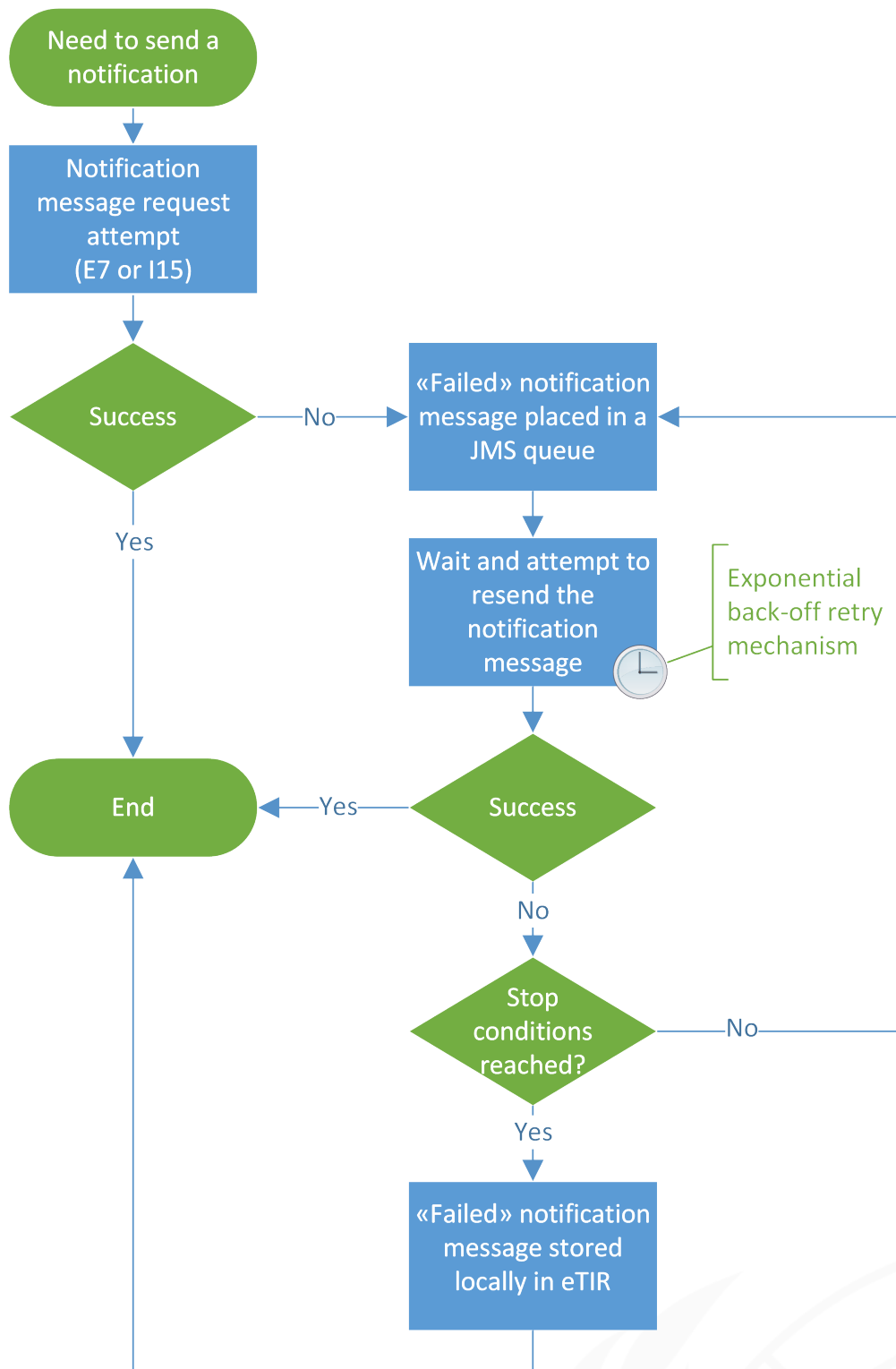
This mechanism relies on the **exponential back-off retry algorithm** allowing for progressively longer delays when retrying attempts in order to increase chances of success.

In the eTIR international system fallback mechanism case, the following parameters are used for the exponential back-off retry mechanism:

- **Delay interval:** 5
- **Maximum retry attempts:** 50
- **back-off rate:** 1.246

Based on these parameters, the chart below illustrates the extending rate of the retries:
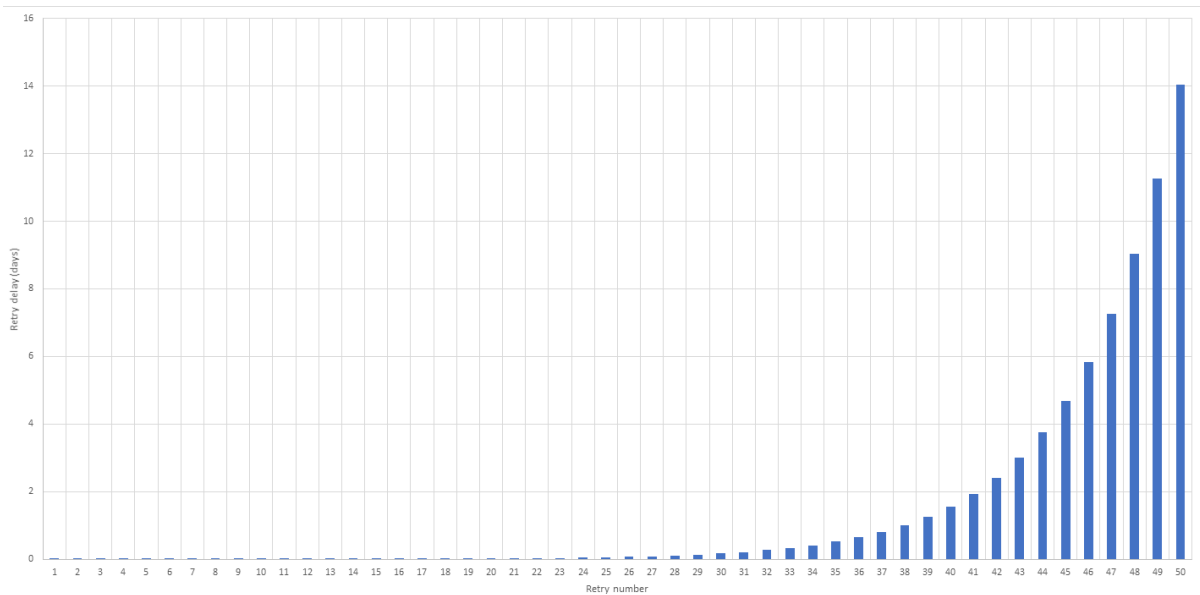
As described in the functional fallback procedures, the eTIR international system will retry sending the notification message **I15 - Notify customs** until it succeeds in communicating it to the national customs system or if one of the stop conditions is met. One of these conditions is when 50 retries are reached, which corresponds to 15 days after having tried sending the notification the first time.

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 Phone: +41 (0)22 917 55 06

9. Annexes

9.1. Version history

Date	Author	Version	Notes	eTIR specification version reference
07/01/2021	TIR secretariat	1.0	Initial draft	4.3a
06/09/2021	TIR secretariat	1.1	Added message metadata documentation and updated URLs to point to new eTIR documentation portal	4.3.0
17/11/2021	TIR secretariat	1.2	Updated references to the newly published online code lists document	4.3.0
22/12/2021	TIR secretariat	1.3	Updated links to code lists	4.3.0

9.2. More examples

Please find below two additional examples of the I15 - Notify customs message showing other cases when national customs systems can be notified by the eTIR international system. Only the request messages are provided as there is no change with the response messages.

9.2.1. Example 1: Notification sent when starting a TIR operation

I15 - Notify customs request message:

This scenario describes the case where the first TIR operation of a TIR transport is started by the customs office of departure where the seals are affixed on the transport equipments. After having sent the **I1 - Accept guarantee** and **I7 - Record declaration data** messages to the eTIR international system, the national customs system will also send the **I9 - Start TIR operation** message. The eTIR international system will detect that the seals are affixed for the first time and will then notify the remaining countries along the itinerary about this information.

The example below shows the XML data to be sent via POST method to the national customs system endpoint URL to notify each customs authorities of the countries along the itinerary when the seals are first affixed. This request message (Message function: **98 - Seals information when starting a TIR operation**) of the type **I15**, describes a change of declaration data with seals information during a Start TIR operation at customs office **GE0715** for the TIR transport related to the guarantee **XF95001234**.

Notification sent when seals are affixed or the first time

```xml
<?xml version="1.0" encoding="UTF-8"?>
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope">
    <soap:Header xmlns:wsa="http://www.w3.org/2005/08/addressing">
        (...)
        <wsa:Action>http://etir.org/v4.3/toCustoms/notifyCustoms</wsa:Action>
        <wsa:MessageID>uuid:980aa440-6f51-427b-880b-d43112441b6d</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-3fd0dff2-3132-4592-9379-64e40b5081b8">
        <ns3:notifyCustoms xmlns:ns3="http://etir.org/v4.3/toCustoms" xmlns:ns4="http://etir.org/v4.3/I15"
                    xmlns:ns2="http://etir.org/v4.3/DataSets" xmlns:md="
http://etir.org/v4.3/DocumentMetaData">
            <ns4: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>recipientID</md:ID>
                </md:Recipient>
                <md:Sender>
                    <md:ID>eTIR international system</md:ID>
                </md:Sender>
            </md:CommunicationMetaData>
            <ns4:InterGov>
                <ns4:Function>98</ns4:Function>
                <ns4:ID>8a864d2a-a0da-4fa2-8a6c-667b8b0a9cb1</ns4:ID>
                <ns4:TypeCode>I15</ns4:TypeCode>
                <ns4:ObligationGuarantee>
                    <ns4:ReferenceID>XF95001234</ns4:ReferenceID>
                    <ns4:TransitOperation>
                        <ns4:SequenceNumeric>1</ns4:SequenceNumeric>
                        <ns4:RegistrationID>16GE035154345</ns4:RegistrationID>
                        <ns4:OperationStart>
                            <ns2:InspectionEndDateTime formatCode="208">20201122114547+0400
                            </ns2:InspectionEndDateTime>
                            <ns2:LimitDateTime formatCode="208">20201222114547+0400</ns2:LimitDateTime>
                            <ns2:AdditionalInformation>
                                <ns2:Content>Additional information</ns2:Content>
                            </ns2:AdditionalInformation>
                            <ns2:Consignment>
                                <ns2:TransportEquipment>
                                    <ns2:ID>EC-035-RP</ns2:ID>
                                    <ns2:Seal>
                                        <ns2:SequenceNumeric>1</ns2:SequenceNumeric>
                                        <ns2:ID>337Z</ns2:ID>
                                        <ns2:TypeCode>1</ns2:TypeCode>
                                    </ns2:Seal>
                                </ns2:TransportEquipment>
                            </ns2:Consignment>
                            <ns2:Control>
                                <ns2:TypeCode>001</ns2:TypeCode>
                                <ns2:ControlResult>
                                    <ns2:ID>001</ns2:ID>
                                </ns2:ControlResult>
                            </ns2:Control>
                            <ns2:TransitOperationStartOffice>
                                <ns2:ID>GE0715</ns2:ID>
                            </ns2:TransitOperationStartOffice>
                        </ns4:OperationStart>
                    </ns4:TransitOperation>
                </ns4:ObligationGuarantee>
            </ns4:InterGov>
        </ns4:DocumentMetadata>
    </ns3:notifyCustoms>
  </soap:Body>
</soap:Envelope>
```

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

I16 - Notification confirmation response message:

The example below shows the XML data of the **I16 - Notification confirmation** message sent to the eTIR international system endpoint URL, by the national customs system, in response to the POST of the **I15 - Notify customs** message received from the eTIR international system. This response message (Function code **6 - Confirmation**) of the type **I16**, containing no error codes, describes a confirmation of the reception of the notification by the customs authorities (note that national reference information is no longer returned in this case as we are dealing with an amendment here).

Therefore, it should be considered that the notification has been duly received and recorded in the national customs system.

> ℹ️ It is important to understand that the absence of error in the **I16 - Notification confirmation** response message is the key indicator to reflect that the notification has been received and acknowledged.

I16 - Notification confirmation response message

```xml
<?xml version="1.0" encoding="UTF-8"?>
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope">
    <soap:Header xmlns:wsa="http://www.w3.org/2005/08/addressing">
        (...)
        <wsa:Action>http://etir.org/v4.3/toCustoms/notificationConfirmation</wsa:Action>
        <wsa:MessageID>uuid:256b0d3c-d220-47ed-a3bd-9b4d29289572</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-1ee335e9-0c34-4cb4-8424-bc08601927c6">
        <ns3:notificationConfirmation xmlns:md="http://etir.org/v4.3/DocumentMetaData" xmlns:ns3=
"http://etir.org/v4.3/toCustoms"
                                       xmlns:ns4="http://etir.org/v4.3/I16">
            <ns4: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>recipientID</md:ID>
                    </md:Recipient>
                    <md:Sender>
                        <md:ID>eTIR international system</md:ID>
                    </md:Sender>
                </md:CommunicationMetaData>
                <ns4:InterGov>
                    <ns4:Function>6</ns4:Function>
                    <ns4:FunctionalReferenceID>8a864d2a-a0da-4fa2-8a6c-667b8b0a9cb1</ns4:FunctionalReferenceID>
                    <ns4:ID>be77757d-21fa-4b7a-afa3-18f3b70c0084</ns4:ID>
                    <ns4:TypeCode>I16</ns4:TypeCode>
                </ns4:InterGov>
            </ns4:DocumentMetadata>
        </ns3:notificationConfirmation>
    </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.

9.2.2. Example 2: Notification sent when terminating a TIR operation

I15 - Notify customs request message:

This scenario describes the case where seals are changed during the termination of a TIR operation, for instance when one consignment was unloaded ("partial unload"). New seals need to be affixed so that the TIR transport can continue it journey until its final destination. The national customs system will send the **I11 - Terminate TIR operation** message to the eTIR international system which will detect that the seals have changed and will then notify the remaining countries along the itinerary about this information.

The example below shows the XML data to be sent via POST method to the national customs system endpoint URL to notify each customs authorities of the countries along the itinerary when the seals are first affixed. This request message (Function code **99 - Seals information when terminating a TIR operation**) of the type **I15**, describes a change of declaration data with seals information during a Terminate TIR operation at customs office **IR0287** for the TIR transport related to the guarantee **XF95001234**.

Notification sent when the seals are changed during the termination of a TIR operation

```xml
<?xml version="1.0" encoding="UTF-8"?>
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope">
    <soap:Header xmlns:wsa="http://www.w3.org/2005/08/addressing">
        (...)
        <wsa:Action>http://etir.org/v4.3/toCustoms/notifyCustoms</wsa:Action>
        <wsa:MessageID>uuid:96632844-b1a4-426b-bf1f-352b0b49ff4b</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-250659a5-3baf-46eb-9e8a-038c5294c502">
        <ns3:notifyCustoms xmlns:ns3="http://etir.org/v4.3/toCustoms" xmlns:ns4="http://etir.org/v4.3/I15"
xmlns:ns2=
                "http://etir.org/v4.3/DataSets" xmlns:md="http://etir.org/v4.3/DocumentMetaData">
            <ns4: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>recipientID</md:ID>
                    </md:Recipient>
                    <md:Sender>
                        <md:ID>eTIR international system</md:ID>
                    </md:Sender>
                </md:CommunicationMetaData>
                <ns2:InterGov>
                    <ns2:Function>99</ns2:Function>
                    <ns2:ID>8a864d2a-a0da-4fa2-8a6c-667b8b0a9cb1</ns2:ID>
                    <ns2:TypeCode>I15</ns2:TypeCode>
                    <ns2:ObligationGuarantee>
                        <ns2:ReferenceID>XF95001234</ns2:ReferenceID>
                        <ns2:TransitOperation>
                            <ns2:SequenceNumeric>1</ns2:SequenceNumeric>
                            <ns2:RegistrationID>16GEO35154345</ns2:RegistrationID>
                            <ns2:OperationTermination>
                                <ns2:InspectionEndDateTime formatCode="208">20201122114547+0400</ns2:InspectionEndDateTime>
                                <ns2:PackageQuantityQuantity>10</ns2:PackageQuantityQuantity>
                                <ns2:TypeCode>01</ns2:TypeCode>
                                <ns2:Consignment>
                                    <ns2:TransportEquipment>
                                        <ns2:ID>EC-035-RP</ns2:ID>
                                        <ns2:Seal>
                                            <ns2:SequenceNumeric>1</ns2:SequenceNumeric>
                                            <ns2:ID>HET47</ns2:ID>
                                            <ns2:TypeCode>1</ns2:TypeCode>
                                        </ns2:Seal>
                                    </ns2:TransportEquipment>
                                </ns2:Consignment>
                                <ns2:Control>
                                    <ns2:TypeCode>001</ns2:TypeCode>
                                    <ns2:ControlResult>
                                        <ns2:ID>001</ns2:ID>
                                    </ns2:ControlResult>
                                </ns2:Control>
```

```
                <ns2:TransitOperationTerminationOffice>
                    <ns2:ID>IR0287</ns2:ID>
                </ns2:TransitOperationTerminationOffice>
            </ns2:OperationTermination>
        </ns2:TransitOperation>
      </ns2:ObligationGuarantee>
    </ns2:InterGov>
  </ns4:DocumentMetadata>
</ns3:notifyCustoms>
    </soap:Body>
</soap:Envelope>
```

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

I16 - Notification confirmation response message:

The example below shows the XML data of the **I16 - Notification confirmation** message sent to the eTIR international system endpoint URL, by the national customs system, in response to the POST of the **I15 - Notify customs** message received from the eTIR international system. This response message (Function code **6 - Confirmation**) of the type **I16**, containing no error codes, describes a confirmation of the reception of the notification by the customs authorities (note that national reference information is no longer returned in this case as we are dealing with an amendment here). Therefore, it should be considered that the notification has been duly received and recorded in the national customs system.

ℹ️ It is important to understand that the absence of error in the **I16 - Notification confirmation** response message is the key indicator to reflect that the notification has been received and acknowledged.

I16 - Notification confirmation response message

```xml
<?xml version="1.0" encoding="UTF-8"?>
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope">
    <soap:Header xmlns:wsa="http://www.w3.org/2005/08/addressing">
        (...)
        <wsa:Action>http://etir.org/v4.3/toCustoms/notificationConfirmation</wsa:Action>
        <wsa:MessageID>uuid:256b0d3c-d220-47ed-a3bd-9b4d29289572</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-1ee335e9-0c34-4cb4-8424-bc08601927c6">
        <ns3:notificationConfirmation xmlns:md="http://etir.org/v4.3/DocumentMetaData" xmlns:ns3=
"http://etir.org/v4.3/toCustoms"
                                      xmlns:ns4="http://etir.org/v4.3/I16">
            <ns4: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>recipientID</md:ID>
                    </md:Recipient>
                    <md:Sender>
                        <md:ID>eTIR international system</md:ID>
                    </md:Sender>
                </md:CommunicationMetaData>
                <ns4:InterGov>
                    <ns4:Function>6</ns4:Function>
                    <ns4:FunctionalReferenceID>8a864d2a-a0da-4fa2-8a6c-667b8b0a9cb1</ns4:FunctionalReferenceID>
                    <ns4:ID>be77757d-21fa-4b7a-afa3-18f3b70c0084</ns4:ID>
                    <ns4:TypeCode>I16</ns4:TypeCode>
                </ns4:InterGov>
            </ns4:DocumentMetadata>
        </ns3:notificationConfirmation>
    </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.