Economic and Social Council

Economic Commission for Europe

Inland Transport Committee

Working Party on Customs Questions affecting Transport

**Group of Experts on Conceptual and
Technical Aspects of Computerization of the TIR Procedure**

Third session
Geneva, 13–15 September 2021
Item 4 (d) of the provisional agenda
**eTIR conceptual, functional and technical documentation version 4.3:
eTIR technical specifications**

Technical details of message pair I15/I16

Note by the secretariat

I.   Mandate

1.   The Inland Transport Committee (ITC), at its eighty-second session (23–28 February 2020) approved (ECE/TRANS/294, para. 84[1]) the establishment of the Group of Experts on Conceptual and Technical Aspects of Computerization of the TIR Procedure (WP.30/GE.1) and endorsed its Terms of Reference (ToR)[2] (ECE/TRANS/WP30/2019/9 and ECE/TRANS/WP.30/2019/9/Corr.1), pending approval by the United Nations Economic Commission for Europe (ECE) Executive Committee (EXCOM). EXCOM during its remote informal meeting (20 May 2020) approved the establishment of WP.30/GE.1 until 2022, based on the ToR included in document ECE/TRANS/WP.30/2019/9 and Corr.1, as contained in document ECE/TRANS/294 (ECE/EX/2020/L.2, para. 5(b)).[3]

2.   The ToR of the Group stipulate that the Group should focus its work on preparing a new version of the eTIR specifications, pending the formal establishment of the Technical Implementation Body (TIB). More specifically, the Group should (a) prepare a new version of the technical specifications of the eTIR procedure, and amendments thereto, ensuring their alignment with the functional specifications of the eTIR procedure; (b) prepare a new version of the functional specifications of the eTIR procedure, and amendments thereto, ensuring

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their alignment with the conceptual specifications of the eTIR procedure; (c) prepare amendments to the conceptual specifications of the eTIR procedure, upon requests by WP.30.

3.	This document presents the technical details of the eTIR messages I15 and I16. These aspects will be part of the eTIR technical specifications document.

## II.	Communication between eTIR stakeholders and the eTIR international system

### A.	List of eTIR messages

#### 1.	I15/I16 message pair

4.	This section describes the technical specifications of the "I15 – Notify customs" request message, sent by the eTIR international system to the national customs system to notify them about information related to the TIR transport; and the "I16 – Notification confirmation" response message, sent back by the national customs system. Customs authorities should be ready to receive and process this notification at any time. In addition, it is important to note that these notifications can be sent for several reasons and in different contexts.

5.	In the eTIR specifications v4.3, the "I15 – Notify customs" message can be sent by the eTIR international system in the following two situations:

- 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;

- 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.

(a) I15 – Notify customs

Table 1
I15 – field details

eTIR field name	Mapping to the XML element (XPATH)	Status	Cardinality	Format	Code lists	Conditions	Rules
├ 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	1..1	an..35		C001	
│││ └ Role, coded	Declaration/Agent/RoleCode	R	1..1	an..3	CL02		
│├┬ 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	

eTIR field name	Mapping to the XML element (XPATH)	Status	Cardinality	Format	Code lists	Conditions	Rules
| | ├ 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..*				
| | ├ 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			
| | | ├ MIME	Declaration/Consignment/AdditionalDocument/BinaryFile/MIMECode	O	0..1	an..70			
| | | ├ Encoding	Declaration/Consignment/AdditionalDocument/BinaryFile/EncodingCode	O	0..1	an..17			

eTIR field name	Mapping to the XML element (XPATH)	Status	Cardinality	Format	Code lists	Conditions	Rules
| | | ├ 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			

eTIR field name	Mapping to the XML element (XPATH)	Status	Cardinality	Format	Code lists	Conditions	Rules
| | | ┬ GOODSMEASURE	Declaration/Consignment/ConsignmentItem/GoodsMeasure	R	1..1				
| | | | └ Gross weight	Declaration/Consignment/ConsignmentItem/GoodsMeasure/GrossMassMeasure	R	1..1	n..16,6			
| | | ┬ 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				

eTIR field name	Mapping to the XML element (XPATH)	Status	Cardinality	Format	Code lists	Conditions	Rules
| | | └ 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			
| | | ├ 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			

eTIR field name	Mapping to the XML element (XPATH)	Status	Cardinality	Format	Code lists	Conditions	Rules
│ │ │ ├ 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			
│ │ │ ├ 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			

eTIR field name	Mapping to the XML element (XPATH)	Status	Cardinality	Format	Code lists	Conditions	Rules
| | | ├ Size	Declaration/Consignment/TransportEquipment/AdditionalDocument/Binary File/SizeMeasure	O	0..1	n..16,6			
| | | ├ Hash code	Declaration/Consignment/TransportEquipment/AdditionalDocument/Binary File/HashCode	O	0..1	an..256			
| | | └ Hash code algorithm id	Declaration/Consignment/TransportEquipment/AdditionalDocument/Binary File/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	1..1				

eTIR field name	Mapping to the XML element (XPATH)	Status	Cardinality	Format	Code lists	Conditions	Rules
├ Reference	ObligationGuarantee/ReferenceID	R	1..1	an..35			
└┬ TIROPERATION	ObligationGuarantee/TransitOperation	O	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				

eTIR field name	Mapping to the XML element (XPATH)	Status	Cardinality	Format	Code lists	Conditions	Rules
| | ├ 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				
| | └ 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

eTIR field name	Mapping to the XML element (XPATH)	Status	Cardinality	Format	Code lists	Conditions	Rules
| | └┬ 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/Type Code	R	1..1	an..3	CL25		
| | └┬ CONTROLRESULT	ObligationGuarantee/TransitOperation/OperationTermination/Control/Contr olResult	R	1..1				
| | └ Result, coded	ObligationGuarantee/TransitOperation/OperationTermination/Control/Contr olResult/ID	R	1..1	an..3	CL24		
| └┬ CUSTOMSOFFICE	ObligationGuarantee/TransitOperation/OperationTermination/TransitOperati onTerminationOffice	R	1..1				
| └ Identifier	ObligationGuarantee/TransitOperation/OperationTermination/TransitOperati onTerminationOffice/ID	R	1..1	an..17			
├┬ DISCHARGE	ObligationGuarantee/TransitOperation/OperationDischarge	O	0..1				
| ├ End date time	ObligationGuarantee/TransitOperation/OperationDischarge/InspectionEndD ateTime	R	1..1	an..35			
| └┬ CUSTOMSOFFICE	ObligationGuarantee/TransitOperation/OperationDischarge/TransitOperatio nDischargeOffice	R	1..1				

eTIR field name	Mapping to the XML element (XPATH)	Status	Cardinality	Format	Code lists	Conditions	Rules
└ Identifier	ObligationGuarantee/TransitOperation/OperationDischarge/TransitOperationDischargeOffice/ID	R	1..1	an..17			
└┬ REFUSALTOSTART	ObligationGuarantee/TransitOperation/RefusalToStart	O	0..1				
├ End date time	ObligationGuarantee/TransitOperation/RefusalToStart/InspectionEndDateTime	R	1..1	an..35			
├┬ ADDITIONALINFORMATION	ObligationGuarantee/TransitOperation/RefusalToStart/AdditionalInformation	R	1..1				
│ └ Reason	ObligationGuarantee/TransitOperation/RefusalToStart/AdditionalInformation/Content	R	1..1	an..512			
├┬ CONTROL	ObligationGuarantee/TransitOperation/RefusalToStart/Control	O	0..1				
│ ├ Type, coded	ObligationGuarantee/TransitOperation/RefusalToStart/Control/TypeCode	R	1..1	an..3	CL25		
│ └┬ CONTROLRESULT	ObligationGuarantee/TransitOperation/RefusalToStart/Control/ControlResult	R	1..1				
│ └ Result, coded	ObligationGuarantee/TransitOperation/RefusalToStart/Control/ControlResult/ID	R	1..1	an..3	CL24		
└┬ CUSTOMSOFFICE	ObligationGuarantee/TransitOperation/RefusalToStart/TransitOperationStartOffice		1..1				
└ Identifier	ObligationGuarantee/TransitOperation/RefusalToStart/TransitOperationStartOffice/ID	R	1..1	an..17			

Table 2
I15 – field descriptions and usages

eTIR field name	Mapping to the XML element (XPATH)	Description	Usage
├ 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.

eTIR field name	Mapping to the XML element (XPATH)	Description	Usage
├ Message identifier	ID	Unique identifier of the message	The value should be a Globally Unique Identifier (GUID) as detailed in the dedicated section of the introduction document
├ Type, coded	TypeCode	Code of the message type	The value should be set to "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. The code attribute 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)
│ ├┬ 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	

eTIR field name	Mapping to the XML element (XPATH)	Description	Usage
| | ├ 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)
| | | ├ 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	
| | ├ 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 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	

eTIR field name	Mapping to the XML element (XPATH)	Description	Usage
| | | ├ 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
| | | ├ 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. The code attribute should match one of the values listed in the code list Measurement unit (UNECE Recommendation 20)

eTIR field name	Mapping to the XML element (XPATH)	Description	Usage
│ │ │ ├ 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 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	
│ │ │ │ └ 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

eTIR field name	Mapping to the XML element (XPATH)	Description	Usage
| | | | └┬ 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
| | | | └┬ 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	

eTIR field name	Mapping to the XML element (XPATH)	Description	Usage
│ │ │ │ ├ 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. The code attribute should match one of the values listed in the Measurement unit (UNECE Recommendation 20) code list
│ │ │ ├┬ 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)

eTIR field name	Mapping to the XML element (XPATH)	Description	Usage
│ │ │ ┝┬ 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	
│ │ │ ┝ 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

eTIR field name	Mapping to the XML element (XPATH)	Description	Usage
			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
│││└┬ 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

eTIR field name	Mapping to the XML element (XPATH)	Description	Usage
| | ├ 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 characteristices) 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 of the document	The value should be a date to be provided following the EDIFACT 102 format CCYYMMDD. For Example: 20200820 represents 20 August 2020.
| | | ├ 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
| | | ├ 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

eTIR field name	Mapping to the XML element (XPATH)	Description	Usage
| | | ├ 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 /!\
| | ├ 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	

eTIR field name	Mapping to the XML element (XPATH)	Description	Usage
| | ├ 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
└┬ TIROPERATION	ObligationGuarantee/TransitOperation	Class representing the list of potential TIR operations that have already been carried out with the guarantee	
├ Sequence number	ObligationGuarantee/TransitOperation/SequenceNumeric	Index of the TIR operation in the list	The value should be the 1-based index of the TIR operation in the list
├ Registration number	ObligationGuarantee/TransitOperation/RegistrationID	Identifier of the TIR operation	The value should be the unique identifier under which the TIR operation is nationally registered
├┬ START	ObligationGuarantee/TransitOperation/OperationStart	Class representing the details related to the start of the TIR operation	

eTIR field name	Mapping to the XML element (XPATH)	Description	Usage
├ End date time	ObligationGuarantee/TransitOperation/Operation Start/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/Operation Start/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/Operation Start/AdditionalInformation	Class representing the potential additional information regarding the start of the TIR operation	
└ Remarks	ObligationGuarantee/TransitOperation/Operation Start/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/Operation Start/Consignment	Class representing potential parent object grouping all transport equipments and related seals information	
└┬ TRANSPORTEQUIPMENT	ObligationGuarantee/TransitOperation/Operation Start/Consignment/TransportEquipment	Class representing the list of all transport equipments used for all consignments in the TIR operation	
├ Identifier	ObligationGuarantee/TransitOperation/Operation Start/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/Operation Start/Consignment/TransportEquipment/Seal	Class representing the list of seals affixed to the transport equipment	
├ Sequence number	ObligationGuarantee/TransitOperation/Operation Start/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/Operation Start/Consignment/TransportEquipment/Seal/ID	Unique identifier of the seal	The value should be the unique identifier of the seal affixed to the transport equipment

eTIR field name	Mapping to the XML element (XPATH)	Description	Usage
∟ Seal type, coded	ObligationGuarantee/TransitOperation/Operation Start/Consignment/TransportEquipment/Seal/Ty peCode	Code of the type of seal	The value should be the code of the type of seal from the code list Seal type (eTIR)
├─ CONTROL	ObligationGuarantee/TransitOperation/Operation Start/Control	Class representing the details of the control performed by the customs officer before starting the TIR operation	
├ Type, coded	ObligationGuarantee/TransitOperation/Operation Start/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/Operation Start/Control/ControlResult	Class representing the details of the outcome of the control performed by the customs officer	
∟ Result, coded	ObligationGuarantee/TransitOperation/Operation Start/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/Operation Start/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	
└─ NATIONALITINERARYCUSTOMSOF FICE	ObligationGuarantee/TransitOperation/Operation Start/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/Operation Start/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/Operation Start/TransitOperationStartOffice	Class representing the details of the customs office where the TIR operation started	
∟ Identifier	ObligationGuarantee/TransitOperation/Operation Start/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/Operation Termination	Class representing the details related to the termination of the TIR operation	
├ End date time	ObligationGuarantee/TransitOperation/Operation Termination/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:

eTIR field name	Mapping to the XML element (XPATH)	Description	Usage
			20200820145600+0100 represents 20 August 2020 at 14:56 UTC+01:00.
| ├ Number of packages	ObligationGuarantee/TransitOperation/Operation Termination/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/Operation Termination/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/Operation Termination/AdditionalInformation	Class representing potential additional information regarding the termination of the TIR operation	
| | └ Reservations	ObligationGuarantee/TransitOperation/Operation Termination/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/Operation Termination/Consignment	Class representing potential parent object grouping details about all transport equipments and related seals information	
| | └┬ TRANSPORTEQUIPMENT	ObligationGuarantee/TransitOperation/Operation Termination/Consignment/TransportEquipment	Class representing the list of all transport equipments used for all consignments in the TIR operation	
| | ├ Identifier	ObligationGuarantee/TransitOperation/Operation Termination/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/Operation Termination/Consignment/TransportEquipment/Seal	Class representing the list of seals affixed to the transport equipment	
| | ├ Sequence number	ObligationGuarantee/TransitOperation/Operation Termination/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/Operation Termination/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/Operation Termination/Consignment/TransportEquipment/Seal/TypeCode	Code of the type of seal	The value should be the code of the type of seal from the Seal type code (eTIR) list

eTIR field name	Mapping to the XML element (XPATH)	Description	Usage
| ┬ CONTROL	ObligationGuarantee/TransitOperation/Operation Termination/Control	Class representing the details of the control performed by the customs officer while terminating the TIR operation	
| | ├ Type, coded	ObligationGuarantee/TransitOperation/Operation Termination/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/Operation Termination/Control/ControlResult	Class representing the details of the outcome of the control performed by the customs officer	
| | └ Result, coded	ObligationGuarantee/TransitOperation/Operation Termination/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
| └┬ CUSTOMSOFFICE	ObligationGuarantee/TransitOperation/Operation Termination/TransitOperationTerminationOffice	Class representing the details of the customs office where the TIR operation is terminated	
| └ Identifier	ObligationGuarantee/TransitOperation/Operation Termination/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/Operation Discharge	Class representing the details related to the discharge of the TIR operation	
| ├ End date time	ObligationGuarantee/TransitOperation/Operation Discharge/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/Operation Discharge/TransitOperationDischargeOffice	Class representing the details of the customs office where the TIR operation is discharged	
| └ Identifier	ObligationGuarantee/TransitOperation/Operation Discharge/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/RefusalT oStart	Class representing the details related to the refusal to start the TIR operation	
├ End date time	ObligationGuarantee/TransitOperation/RefusalT oStart/InspectionEndDateTime	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.

eTIR field name	Mapping to the XML element (XPATH)	Description	Usage
⊢┬ ADDITIONALINFORMATION	ObligationGuarantee/TransitOperation/RefusalToStart/AdditionalInformation	Class representing additional information regarding the refusal to start the TIR operation	
│ └ Reason	ObligationGuarantee/TransitOperation/RefusalToStart/AdditionalInformation/Content	Reason for refusing to start the TIR operation	The value should be the reason(s) a customs officer would have refused to start a TIR operation
⊢┬ CONTROL	ObligationGuarantee/TransitOperation/RefusalToStart/Control	Class representing the details of the control performed by the customs officer before refusing to start the TIR operation	
│ ├ Type, coded	ObligationGuarantee/TransitOperation/RefusalToStart/Control/TypeCode	Code of the type of control	The value should be the code of the type of control from the Control type code (eTIR) list
│ └┬ CONTROLRESULT	ObligationGuarantee/TransitOperation/RefusalToStart/Control/ControlResult	Class representing the details of the outcome of the control performed by the customs officer	
│ └ Result, coded	ObligationGuarantee/TransitOperation/RefusalToStart/Control/ControlResult/ID	Code of the result of the control	The value should be the code of the result of the control from the Control result code (eTIR) 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

(b) **How the national customs system should process the information received in the notification**

6. Depending on the event triggering the communication of the notification, the eTIR international system will fill specific fields of the "I15 – Notify customs" message. It will also indicate in the "Message function, coded" field the reason for sending this notification.

7. If the notification is related to the declaration of the TIR transport (codes T1 and T2 in the "Message function, coded" field, respectively for new and amended declaration data), 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 should record all information related to the TIR transport in its database and will return, in the "I16 – Notification confirmation" message, the national reference associated to the TIR transport.

8. If the notification is related to the seals affixed to the transport equipment(s) of the TIR transport (codes T7 and T8 in the "Message function, coded" field respectively for new or updated seals during the start or the termination of a TIR operation), 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 should record the information about the new seals in its database.

(c)   **I16 – Notification confirmation**

Table 3
I16 – field details

eTIR field name	Mapping to the XML element (XPATH)	Status	Cardinality	Format	Code lists	Conditions	Rules
├ 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	1..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			

Table 4
I16 – field descriptions and usages

eTIR field name	Mapping to the XML element (XPATH)	Description	Usage
├ Message function, coded	Function	Code describing the function of the message	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)

eTIR field name	Mapping to the XML element (XPATH)	Description	Usage
├ Message identifier	ID	Unique identifier of the message	The value should be a Globally Unique Identifier (GUID) as detailed in the dedicated section of the introduction document
├ Type, coded	TypeCode	Code of the message type	The value should be set to "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
└ 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

(d) **How the national customs system should prepare and send the notification confirmation**

9.   Upon reception, the "I15 – Notify customs" message should be validated and any error found should be returned 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.

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