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 E5/E6

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 E5 and E6. 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.   E5/E6 message pair

4.   This section describes the technical specifications of the "E5 – Query guarantee" request message, sent by the guarantee chain system to query information on a guarantee that it had previously registered in the eTIR international system; and the "E6 – Query results" response message, sent back by the eTIR international system. This pair of messages form the query mechanism, available for guarantee chains, to retrieve information recorded in the eTIR international system regarding one of their guarantees, and related TIR transport and TIR operations.

5.   The guarantee chain system can choose to retrieve more or less information in the "E6 – Query results" message depending on the parameters of the "E5 – Query guarantee" message. Guarantee chains can only retrieve information about guarantees they have registered. As the guarantee can have different statuses, it is important to have them in mind as they are detailed in the guarantee state chart diagram in the eTIR concepts. The level of details of the "E6 – Query results" response message depends on the value of the "Reply type, coded" field.

(a) **E5 – Query guarantee**

Table 1
E5 – 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		
├ Reply type, coded	ReplyTypeCode	R	1..1	an..3	CL09		
└┬ GUARANTEE	ObligationGuarantee	R	1..1				
└ Reference	ObligationGuarantee/ReferenceID	R	1..1	an..35			

Table 2
E5 – 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 set to "9" (Original)
├ Message identifier	ID	Unique identifier of the message	The value should be a Globally Unique Identifier (GUID) as detailed in the dedicated section of the introduction document
├ Type, coded	TypeCode	Code of the message type	The value should be set to "E5"
├ Reply type, coded	ReplyTypeCode	Code used to specify the expected contents of the reply	The value should be the code of the type of reply from the Reply type (eTIR) code list
└┬ GUARANTEE	ObligationGuarantee	Class representing the guarantee of this TIR transport	
└ Reference	ObligationGuarantee/ReferenceID	Unique identifier of the guarantee	The value should be the unique identifier of the guarantee for this TIR transport

(b)   **E6 – Query results**

Table   3
E6 – 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		
├┬ ERROR	Error	D	0..*			C006	
│ ├ Error, coded	Error/ValidationCode	R	1..1	an..8	CL99		
│ └┬ POINTER	Error/Pointer	R	1..*				
│ │ ├ Sequence number	Error/Pointer/SequenceNumeric	R	1..1	n..5			
│ │ └ Location	Error/Pointer/Location	R	1..1	an..512			
└┬ LPCO	LPCO	R	1..1				
└┬ GUARANTEE	LPCO/ObligationGuarantee	R	1..1				
├ Acceptance date time	LPCO/ObligationGuarantee/AcceptanceDateTime	O	0..1	an..35			
├ Cancellation date time	LPCO/ObligationGuarantee/CancellationDateTime	O	0..1	an..35			
├ Validity date	LPCO/ObligationGuarantee/ExpirationDateTime	R	1..1	an..35			
├ Issuing date time	LPCO/ObligationGuarantee/IssueDateTime	R	1..1	an..35			
├ Status, coded	LPCO/ObligationGuarantee/StatusCode	R	1..1	an..3	CL22		
├ Reference	LPCO/ObligationGuarantee/ReferenceID	R	1..1	an..35			
├ Guarantee type, coded	LPCO/ObligationGuarantee/SecurityDetailsCode	R	1..1	an..3	CL12		
├┬ DECLARATIONDATA	LPCO/ObligationGuarantee/Declaration	O	0..*				
│ ├ Issuing date time	LPCO/ObligationGuarantee/Declaration/IssueDateTime	R	1..1	an..35			

|├ Total gross weight	LPCO/ObligationGuarantee/Declaration/TotalGrossMassMeasure	O	0..1	n..16,6			
|┬ ADDITIONALINFORMATION	LPCO/ObligationGuarantee/Declaration/AdditionalInformation	O	0..1				
||└ Remarks	LPCO/ObligationGuarantee/Declaration/AdditionalInformation/Content	R	0..1	an..512			
|┬ AGENT	LPCO/ObligationGuarantee/Declaration/Agent	O	0..1				
||├ Name	LPCO/ObligationGuarantee/Declaration/Agent/Name	O	0..1	an..70			
||├ Identifier	LPCO/ObligationGuarantee/Declaration/Agent/ID	O	0..1	an..35			
||└ Role, coded	LPCO/ObligationGuarantee/Declaration/Agent/RoleCode	R	1..1	an..3	CL02		
|┬ AMENDMENT	LPCO/ObligationGuarantee/Declaration/Amendment	O	0..*				
||├ Type, coded	LPCO/ObligationGuarantee/Declaration/Amendment/ChangeReasonCode	R	1..1	an..3	CL17		
||└┬ POINTER	LPCO/ObligationGuarantee/Declaration/Amendment/Pointer	R	1..1				
||├ Sequence number	LPCO/ObligationGuarantee/Declaration/Amendment/Pointer/SequenceNumeric	R	1..1	n..5			
||└ Location	LPCO/ObligationGuarantee/Declaration/Amendment/Pointer/Location	R	1..1	an..512			
|┬ SUBCONTRACTOR	LPCO/ObligationGuarantee/Declaration/Carrier	O	0..*				
||├ Name	LPCO/ObligationGuarantee/Declaration/Carrier/Name	D	0..1	an..70		C001	
||├ Identifier	LPCO/ObligationGuarantee/Declaration/Carrier/ID	D	0..1	an..35		C001	
||└┬ ADDRESS	LPCO/ObligationGuarantee/Declaration/Carrier/Address	D	0..1			C001	
||├ City name	LPCO/ObligationGuarantee/Declaration/Carrier/Address/CityName	R	1..1	an..35			
||├ Country, coded	LPCO/ObligationGuarantee/Declaration/Carrier/Address/CountryCode	R	1..1	a2	CL04		
||├ Street and number/P.O. Box	LPCO/ObligationGuarantee/Declaration/Carrier/Address/Line	R	1..1	an..256			
||└ Postcode identification	LPCO/ObligationGuarantee/Declaration/Carrier/Address/PostcodeID	O	0..1	an..17			
|┬ CONSIGNMENT	LPCO/ObligationGuarantee/Declaration/Consignment	O	0..*				
||├ Sequence number	LPCO/ObligationGuarantee/Declaration/Consignment/SequenceNumeric	R	1..1	n..5			

eTIR field name	Mapping to the XML element (XPATH)	Status	Cardinality	Format	Code lists	Conditions	Rules
| | ├ Heavy or bulky goods indicator	LPCO/ObligationGuarantee/Declaration/Consignment/HeavyOrBulkyGoods Indicator	R	1..1				
| | ┬ ATTACHEDDOCUMENTS	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument	O	0..*				
| | | ├ Number	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/ ID	R	1..1	an..70			
| | | ├ Issuing date time	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/ IssueDateTime	R	1..1	an..35			
| | | ├ Type, coded	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/ TypeCode	R	1..1	an..3	CL06		
| | | └ BINARYFILE	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/ BinaryFile	O	0..1				
| | | ├ Identification	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/ BinaryFile/ID	R	1..1	an..256			
| | | ├ Title	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/ BinaryFile/Title	R	1..1	an..256			
| | | ├ Author name	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/ BinaryFile/AuthorName	O	0..1	an..70			
| | | ├ Version	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/ BinaryFile/VersionID	O	0..1	an..17			
| | | ├ File name	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/ BinaryFile/FileNametext	O	0..1	an..256			
| | | ├ URI	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/ BinaryFile/URIID	O	0..1	an..2048			
| | | ├ MIME	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/ BinaryFile/MIMECode	O	0..1	an..70			
| | | ├ Encoding	LPCO/ObligationGuarantee/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	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/ BinaryFile/CharacterSetCode	O	0..1	n..17			
┤ ┤ ├ Include binary object	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/ BinaryFile/IncludedBinaryObjectBinaryObject	O	0..1	N/A			
┤ ┤ ├ Access	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/ BinaryFile/Access	O	0..1	an..256			
┤ ┤ ├ Description	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/ BinaryFile/Description	O	0..1	an..256			
┤ ┤ ├ Size	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/ BinaryFile/SizeMeasure	O	0..1	n..16,6			
┤ ┤ ├ Hash code	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/ BinaryFile/HashCode	O	0..1	an..256			
┤ ┤ └ Hash code algorithm id	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/ BinaryFile/HashCodeAlgorithmIDCode	O	0..1	an..6			
┤ ┤ ├─┬ CONSIGNMENTITEM	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem	R	1..*				
┤ ┤ ┤ ├ Sequence number	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Se quenceNumeric	R	1..1	n..5			
┤ ┤ ┤ ├─┬ ADDITIONALINFORMATION	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Ad ditionalInformation	O	0..*				
┤ ┤ ┤ ┤ └ Remarks	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Ad ditionalInformation/Content	R	1..1	an..512			
┤ ┤ ┤ ├─┬ GOODS	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Co mmodity	R	1..1				
┤ ┤ ┤ ┤ ├ Description	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Co mmodity/CargoDescription	D	0..1	an..256		C004	
┤ ┤ ┤ ┤ └─┬ CLASSIFICATION	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Co mmodity/Classification	O	0..*				R008

eTIR field name	Mapping to the XML element (XPATH)	Status	Cardinality	Format	Code lists	Conditions	Rules
│ │ │ │ ├ Code	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Commodity/Classification/ID	R	1..1	an..18			
│ │ │ │ └ Type, coded	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Commodity/Classification/IdentificationTypeCode	R	1..1	an..3	CL03		
│ │ │ ├┬ CONSIGNEE	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignee	O	0..1				
│ │ │ │ ├ Name	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignee/Name	D	0..1	an..70		C001	
│ │ │ │ ├ Identifier	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignee/ID	D	0..1	an..35		C001	
│ │ │ │ └┬ ADDRESS	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignee/Address	D	0..1			C001	
│ │ │ │ ├ City name	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignee/Address/CityName	R	1..1	an..35			
│ │ │ │ ├ Country, coded	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignee/Address/CountryCode	R	1..1	a2	CL04		
│ │ │ │ ├ Street and number/P.O. Box	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignee/Address/Line	R	1..1	an..256			
│ │ │ │ └ Postcode identification	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignee/Address/PostcodeID	O	0..1	an..17			
│ │ │ ├┬ CONSIGNOR	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignor	O	0..1				
│ │ │ │ ├ Name	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignor/Name	D	0..1	an..70		C001	
│ │ │ │ ├ Identifier	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignor/ID	D	0..1	an..35		C001	
│ │ │ │ └┬ ADDRESS	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignor/Address	D	0..1			C001	

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

eTIR field name	Mapping to the XML element (XPATH)	Status	Cardinality	Format	Code lists	Conditions	Rules
| | | | ├ Sequence number	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Packaging/SequenceNumeric	R	1..1	n..5			
| | | | ├ Marks and numbers	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Packaging/MarksNumbersID	D	0..1	an..512		C002	
| | | | ├ Number of packages	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Packaging/QuantityQuantity	D	0..1	n..8		C002	
| | | | └ Type, coded	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Packaging/TypeCode	R	1..1	an..2			
| | | ├ TRANSPORTEQUIPMENT	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/TransportEquipment	D	0..1			C003	
| | | | └ Identifier	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/TransportEquipment/ID	R	1..1	an..17			
| | | └ UCR	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/UCR	O	0..1				
| | | └ Identifier	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/UCR/ID	R	1..1	an..35			
| | ├ LOADINGLOCATION	LPCO/ObligationGuarantee/Declaration/Consignment/LoadingLocation	O	0..1				
| | | └ Name	LPCO/ObligationGuarantee/Declaration/Consignment/LoadingLocation/Name	R	1..1	an..256			
| | ├ NOTIFYPARTY	LPCO/ObligationGuarantee/Declaration/Consignment/NotifyParty	O	0..1				
| | | ├ Name	LPCO/ObligationGuarantee/Declaration/Consignment/NotifyParty/Name	D	0..1	an..70		C001	
| | | ├ Identifier	LPCO/ObligationGuarantee/Declaration/Consignment/NotifyParty/ID	D	0..1	an..35		C001	
| | | └ ADDRESS	LPCO/ObligationGuarantee/Declaration/Consignment/NotifyParty/Address	D	0..1			C001	
| | | ├ City name	LPCO/ObligationGuarantee/Declaration/Consignment/NotifyParty/Address/CityName	R	1..1	an..35			
| | | ├ Country, coded	LPCO/ObligationGuarantee/Declaration/Consignment/NotifyParty/Address/CountryCode	R	1..1	a2	CL04		

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

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

eTIR field name	Mapping to the XML element (XPATH)	Status	Cardinality	Format	Code lists	Conditions	Rules
||| ├ URI	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/ AdditionalDocument/BinaryFile/URIID	O	0..1	an..204 8			
||| ├ MIME	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/ AdditionalDocument/BinaryFile/MIMECode	O	0..1	an..70			
||| ├ Encoding	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/ AdditionalDocument/BinaryFile/EncodingCode	O	0..1	an..17			
||| ├ Character set	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/ AdditionalDocument/BinaryFile/CharacterSetCode	O	0..1	n..17			
||| ├ Include binary object	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/ AdditionalDocument/BinaryFile/IncludedBinaryObjectBinaryObject	O	0..1	N/A			
||| ├ Access	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/ AdditionalDocument/BinaryFile/Access	O	0..1	an..256			
||| ├ Description	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/ AdditionalDocument/BinaryFile/Description	O	0..1	an..256			
||| ├ Size	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/ AdditionalDocument/BinaryFile/SizeMeasure	O	0..1	n..16,6			
||| ├ Hash code	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/ AdditionalDocument/BinaryFile/HashCode	O	0..1	an..256			
||| └ Hash code algorithm id	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/ AdditionalDocument/BinaryFile/HashCodeAlgorithmIDCode	O	0..1	an..6			
|| └┬ SEAL	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/ Seal	O	0..*				
|| ├ Sequence number	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/ Seal/SequenceNumeric	R	1..1	n..5			R003, R004
|| ├ Seal number	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/ Seal/ID	R	1..1	an..35			R005
|| └ Seal type, coded	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/ Seal/TypeCode	O	0..1	an..3	CL08		

eTIR field name	Mapping to the XML element (XPATH)	Status	Cardinality	Format	Code lists	Conditions	Rules
| ├┬ GUARANTEE	LPCO/ObligationGuarantee/Declaration/DeclarationGuarantee	R	1..1				
| | ├ Validity date	LPCO/ObligationGuarantee/Declaration/DeclarationGuarantee/ExpirationDateTime	R	1..1	an..35			
| | ├ Reference	LPCO/ObligationGuarantee/Declaration/DeclarationGuarantee/ReferenceID	R	1..1	an..35			
| | └ Guarantee type, coded	LPCO/ObligationGuarantee/Declaration/DeclarationGuarantee/SecurityDetailsCode	R	1..1	an..3	CL12		
| ├┬ NATIONALREFERENCE	LPCO/ObligationGuarantee/Declaration/NationalReference	O	0..*				
| | ├ Reference	LPCO/ObligationGuarantee/Declaration/NationalReference/ID	R	1..1	an..35			
| | └ Country, coded	LPCO/ObligationGuarantee/Declaration/NationalReference/IssuingCountryCode	R	1..1	a2	CL04		
| └┬ HOLDER	LPCO/ObligationGuarantee/Declaration/Principal	O	0..1				
| ├ Name	LPCO/ObligationGuarantee/Declaration/Principal/Name	O	0..1	an..70			
| ├ Identifier	LPCO/ObligationGuarantee/Declaration/Principal/ID	R	1..1	an..35			
| └┬ ADDRESS	LPCO/ObligationGuarantee/Declaration/Principal/Address	O	0..1				
| ├ City name	LPCO/ObligationGuarantee/Declaration/Principal/Address/CityName	R	1..1	an..35			
| ├ Country, coded	LPCO/ObligationGuarantee/Declaration/Principal/Address/CountryCode	R	1..1	a2	CL04		
| ├ Street and number/P.O. Box	LPCO/ObligationGuarantee/Declaration/Principal/Address/Line	R	1..1	an..256			
| └ Postcode identification	LPCO/ObligationGuarantee/Declaration/Principal/Address/PostcodeID	O	0..1	an..17			
├┬ GUARANTEECHAIN	LPCO/ObligationGuarantee/Surety	R	1..1				
| └ Code	LPCO/ObligationGuarantee/Surety/ID	R	1..1	an..35			
├┬ TIROPERATION	LPCO/ObligationGuarantee/TransitOperation	O	0..*				
| ├ Sequence number	LPCO/ObligationGuarantee/TransitOperation/SequenceNumeric	R	1..1	n..5			
| ├ Registration number	LPCO/ObligationGuarantee/TransitOperation/RegistrationID	R	1..1	an..35			
| ├┬ START	LPCO/ObligationGuarantee/TransitOperation/OperationStart	O	0..1				

| eTIR field name	Mapping to the XML element (XPATH)	Status	Cardinality	Format	Code lists	Conditions	Rules
| | ⊢ End date time	LPCO/ObligationGuarantee/TransitOperation/OperationStart/InspectionEnd DateTime	R	1..1	an..35			
| | ⊢ Time limit date time	LPCO/ObligationGuarantee/TransitOperation/OperationStart/LimitDateTime e	O	0..1	an..35			
| | ⊢⊤ ADDITIONALINFORMATION	LPCO/ObligationGuarantee/TransitOperation/OperationStart/AdditionalInfo rmation	O	0..1				
| | | ⌐ Remarks	LPCO/ObligationGuarantee/TransitOperation/OperationStart/AdditionalInfo rmation/Content	R	1..1	an..512			
| | ⊢⊤ CONSIGNMENT	LPCO/ObligationGuarantee/TransitOperation/OperationStart/Consignment	O	0..1				R007, R006
| | | ⌐⊤ TRANSPORTEQUIPMENT	LPCO/ObligationGuarantee/TransitOperation/OperationStart/Consignment/ TransportEquipment	R	1..*				
| | | ⊢ Identifier	LPCO/ObligationGuarantee/TransitOperation/OperationStart/Consignment/ TransportEquipment/ID	R	1..1	an..17			
| | | ⌐⊤ SEAL	LPCO/ObligationGuarantee/TransitOperation/OperationStart/Consignment/ TransportEquipment/Seal	R	1..*				
| | | ⊢ Sequence number	LPCO/ObligationGuarantee/TransitOperation/OperationStart/Consignment/ TransportEquipment/Seal/SequenceNumeric	R	1..1	n..5			R003, R004
| | | ⊢ Seal number	LPCO/ObligationGuarantee/TransitOperation/OperationStart/Consignment/ TransportEquipment/Seal/ID	R	1..1	an..35			R005
| | | ⌐ Seal type, coded	LPCO/ObligationGuarantee/TransitOperation/OperationStart/Consignment/ TransportEquipment/Seal/TypeCode	O	0..1	an..3	CL08		
| | ⊢⊤ CONTROL	LPCO/ObligationGuarantee/TransitOperation/OperationStart/Control	R	1..1				
| | | ⊢ Type, coded	LPCO/ObligationGuarantee/TransitOperation/OperationStart/Control/TypeC ode	R	1..1	an..3	CL25		
| | | ⌐⊤ CONTROLRESULT	LPCO/ObligationGuarantee/TransitOperation/OperationStart/Control/Contr olResult	R	1..1				

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

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

eTIR field name	Mapping to the XML element (XPATH)	Status	Cardinality	Format	Code lists	Conditions	Rules
│ ├ End date time	LPCO/ObligationGuarantee/TransitOperation/RefusalToStart/InspectionEnd DateTime	R	1..1	an..35			
│ ├┬ ADDITIONALINFORMATION	LPCO/ObligationGuarantee/TransitOperation/RefusalToStart/AdditionalInf ormation	R	1..1				
│ │ └ Reason	LPCO/ObligationGuarantee/TransitOperation/RefusalToStart/AdditionalInf ormation/Content	R	1..1	an..512			
│ ├┬ CONTROL	LPCO/ObligationGuarantee/TransitOperation/RefusalToStart/Control	O	0..1				
│ │ ├ Type, coded	LPCO/ObligationGuarantee/TransitOperation/RefusalToStart/Control/Type Code	R	1..1	an..3	CL25		
│ │ └┬ CONTROLRESULT	LPCO/ObligationGuarantee/TransitOperation/RefusalToStart/Control/Contr olResult	R	1..1				
│ │ └ Result, coded	LPCO/ObligationGuarantee/TransitOperation/RefusalToStart/Control/Contr olResult/ID	R	1..1	an..3	CL24		
│ └┬ CUSTOMSOFFICE	LPCO/ObligationGuarantee/TransitOperation/RefusalToStart/TransitOperati onStartOffice	R	1..1				
│ └ Identifier	LPCO/ObligationGuarantee/TransitOperation/RefusalToStart/TransitOperati onStartOffice/ID	R	1..1	an..17			
└┬ HOLDER	LPCO/ObligationGuarantee/Principal	R	1..1				
├ Name	LPCO/ObligationGuarantee/Principal/Name	R	1..1	an..70			
├ Identifier	LPCO/ObligationGuarantee/Principal/ID	R	1..1	an..35			
├┬ ADDRESS	LPCO/ObligationGuarantee/Principal/Address	R	1..1				
│ ├ City name	LPCO/ObligationGuarantee/Principal/Address/CityName	R	1..1	an..35			
│ ├ Country, coded	LPCO/ObligationGuarantee/Principal/Address/CountryCode	R	1..1	a2	CL04		
│ ├ Street and number/P.O. Box	LPCO/ObligationGuarantee/Principal/Address/Line	R	1..1	an..256			
│ └ Postcode identification	LPCO/ObligationGuarantee/Principal/Address/PostcodeID	O	0..1	an..17			
└┬ AUTHORIZATION	LPCO/ObligationGuarantee/Principal/AuthorizationCertificate	R	1..1				

eTIR field name	Mapping to the XML element (XPATH)	Status	Cardinality	Format	Code lists	Conditions	Rules
├ Status, coded	LPCO/ObligationGuarantee/Principal/AuthorizationCertificate/StatusCode	R	1..1	an..3	CL23		
├┬ ACTIVEWITHDRAWAL	LPCO/ObligationGuarantee/Principal/AuthorizationCertificate/AuthorizationWithdrawal	O	0..1				
│├ Start date	LPCO/ObligationGuarantee/Principal/AuthorizationCertificate/AuthorizationWithdrawal/EffectiveDateTime	R	1..1	an..35			
│└ End date	LPCO/ObligationGuarantee/Principal/AuthorizationCertificate/AuthorizationWithdrawal/ExpirationDateTime	O	0..1	an..35			
└┬ ACTIVEEXCLUSION	LPCO/ObligationGuarantee/Principal/AuthorizationCertificate/Exclusion	O	0..*				
├ Start date	LPCO/ObligationGuarantee/Principal/AuthorizationCertificate/Exclusion/EffectiveDateTime	R	1..1	an..35			
├ End date	LPCO/ObligationGuarantee/Principal/AuthorizationCertificate/Exclusion/ExpirationDateTime	O	0..1	an..35			
└ Country, coded	LPCO/ObligationGuarantee/Principal/AuthorizationCertificate/Exclusion/CountryCode	R	1..1	a2	CL04		

Table 4
E6 – 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 "11" if the request was processed correctly. If at least one error is described in this message, the value should be "10"
├ Original Message Identifier	FunctionalReferenceID	Unique identifier of the request message associated with this response	The value should be the one mentioned in the message identifier field of the request message (E5)
├ Message identifier	ID	Unique identifier of the message	The value should be a Globally Unique Identifier (GUID) as detailed in the dedicated section of the introduction document
├ Type, coded	TypeCode	Code of the message type	The value should be set to "E6"
├┬ ERROR	Error	Class representing the list of errors, if any	
│├ Error, coded	Error/ValidationCode	Code of the error type	The value should be the code of the error from the code list Error code (eTIR)

eTIR field name	Mapping to the XML element (XPATH)	Description	Usage
┃└┳ POINTER	Error/Pointer	Class representing the pointer to the erroneous field, if any	
┃├ Sequence number	Error/Pointer/SequenceNumeric	Index of the error in the list	The value should be the 1-based index of the error in the list
┃└ Location	Error/Pointer/Location	Location of the erroneous field	The value should be the location of the erroneous field following the XPath syntax. Additional details regarding the location of the fields per error code are available on the page dedicated to errors
└┳ LPCO	LPCO	Class representing Licenses, Permits, Certificates and Others (LPCO) information	
└┳ GUARANTEE	LPCO/ObligationGuarantee	Class representing the guarantee of this TIR transport	
├ Acceptance date time	LPCO/ObligationGuarantee/AcceptanceDateTime	Date and time of the acceptance of the guarantee by the country of departure	The value should be a date and time to be provided following the EDIFACT 208 format CCYYMMDDHHMMSSZHHMM. For Example: 20200820145600+0100 represents 20 August 2020 at 14:56 UTC+01:00.
├ Cancellation date time	LPCO/ObligationGuarantee/CancellationDateTime	Date and time of the cancellation of the guarantee	The value should be a date and time to be provided following the EDIFACT 208 format CCYYMMDDHHMMSSZHHMM. For Example: 20200820145600+0100 represents 20 August 2020 at 14:56 UTC+01:00.
├ Validity date	LPCO/ObligationGuarantee/ExpirationDateTime	Date of the last day of validity of the guarantee	The value should be a date to be provided following the EDIFACT 102 format CCYYMMDD. For Example: 20200820 represents 20 August 2020.
├ Issuing date time	LPCO/ObligationGuarantee/IssueDateTime	Date of issuance of the guarantee by the guarantee chain	The value should be the one from the "Issuing date" attribute of the I9 - Start TIR operation message received by the customs
├ Status, coded	LPCO/ObligationGuarantee/StatusCode	Current status of the guarantee	The value should be the code of the status of the guarantee from the Guarantee status (eTIR) code list
├ Reference	LPCO/ObligationGuarantee/ReferenceID	Unique identifier of the guarantee	The value should be the unique identifier of the guarantee for this TIR transport
├ Guarantee type, coded	LPCO/ObligationGuarantee/SecurityDetailsCode	Code of the guarantee type	This value should be the code of the guarantee type from the Guarantee type (eTIR) code list
┣ DECLARATIONDATA	LPCO/ObligationGuarantee/Declaration	Class representing the declaration data as accepted by customs	
┃├ Issuing date time	LPCO/ObligationGuarantee/Declaration/IssueDateTime	Date at which the message E9 (or E11) received by the customs, was issued	The value should be the one from the "Issuing date" attribute of the message E9 received by the customs
┃├ Total gross weight	LPCO/ObligationGuarantee/Declaration/TotalGrossMassMeasure	Total gross weight of goods (including packaging) of the declaration	The value should be the total gross weight as a decimal number. The unit should be defined in the Measure Unit. Code attribute and should match one of the values listed

eTIR field name	Mapping to the XML element (XPATH)	Description	Usage
			in the Measurement unit (UNECE Recommendation 20) code list
| ┬ ADDITIONALINFORMATION	LPCO/ObligationGuarantee/Declaration/AdditionalInformation	Class containing potential additional information at the declaration level	
| | └ Remarks	LPCO/ObligationGuarantee/Declaration/AdditionalInformation/Content	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 should remain blank if there are none
| ┬ AGENT	LPCO/ObligationGuarantee/Declaration/Agent	Class representing the potential agent which would declare the goods on behalf of the holder	
| | ├ Name	LPCO/ObligationGuarantee/Declaration/Agent/Name	Name of the agent	The value should be the official company name, or the first and last name of the person in case of physical person, to allow for quick identification
| | ├ Identifier	LPCO/ObligationGuarantee/Declaration/Agent/ID	Unique identifier of the agent	The value should be the unique identifier of the agent
| | └ Role, coded	LPCO/ObligationGuarantee/Declaration/Agent/RoleCode	Code of the role of the agent	The value should be the code matching the role of the agent from the Party role (UN/EDIFACT 3035) code list
| ┬ AMENDMENT	LPCO/ObligationGuarantee/Declaration/Amendment	Class representing the list of potential amendments to the declaration	
| | ├ Type, coded	LPCO/ObligationGuarantee/Declaration/Amendment/ChangeReasonCode	Code describing the type of amendment	The value should be the code matching the type of amendment from the Amendment type (eTIR) code list
| | └ ┬ POINTER	LPCO/ObligationGuarantee/Declaration/Amendment/Pointer	Class representing the pointer to the part of the declaration to be amended	
| | ├ Sequence number	LPCO/ObligationGuarantee/Declaration/Amendment/Pointer/SequenceNumeric	Index of the pointer in the list	The value should be the 1-based index of the pointer in the list
| | └ Location	LPCO/ObligationGuarantee/Declaration/Amendment/Pointer/Location	Location of the class or attribute to be amended	The value should be the location of the class or attribute following the XPath syntax
| ┬ SUBCONTRACTOR	LPCO/ObligationGuarantee/Declaration/Carrier	Class representing the potential agent which undertakes or arranges transport of goods between named points	
| | ├ Name	LPCO/ObligationGuarantee/Declaration/Carrier/Name	Name of the subcontractor	The value should be the official company name, or the first and last name of the person in case of physical person, to allow for quick identification

eTIR field name	Mapping to the XML element (XPATH)	Description	Usage
│ │ ├ Identifier	LPCO/ObligationGuarantee/Declaration/Carrier/ID	Unique identifier of the subcontractor	The value should be the unique identifier of the subcontractor
│ │ └─ ADDRESS	LPCO/ObligationGuarantee/Declaration/Carrier/Address	Class representing the physical address of the subcontractor	
│ │ ├ City name	LPCO/ObligationGuarantee/Declaration/Carrier/Address/CityName	City name of the physical address of the subcontractor	The value should be the city name of the physical address of the subcontractor
│ │ ├ Country, coded	LPCO/ObligationGuarantee/Declaration/Carrier/Address/CountryCode	Code of the country of the physical address of the subcontractor	The value should be the code of the country of the physical address of the subcontractor from the Country name code (ISO 3166-1-alpha-2) list
│ │ ├ Street and number/P.O. Box	LPCO/ObligationGuarantee/Declaration/Carrier/Address/Line	Street name of the physical address of the subcontractor	The value should be the street name and number (or equivalent) of the physical address of the subcontractor
│ │ └ Postcode identification	LPCO/ObligationGuarantee/Declaration/Carrier/Address/PostcodeID	Postal/Zip code of the physical address of the subcontractor	The value should be the postal/ZIP code of the physical address of the subcontractor
│ ├─ CONSIGNMENT	LPCO/ObligationGuarantee/Declaration/Consignment	Class representing the list of details on the transport of goods between a loading point and an unloading point	
│ │ ├ Sequence number	LPCO/ObligationGuarantee/Declaration/Consignment/SequenceNumeric	Index of the consignment in the list	The value should be the 1-based index of the consignment in the list
│ │ ├ Heavy or bulky goods indicator	LPCO/ObligationGuarantee/Declaration/Consignment/HeavyOrBulkyGoodsIndicator	Code describing whether the goods are considered (according to article 29) as "heavy or bulky", as defined article 1 (p) of the TIR Convention.	The value should be "1" if the goods are considered by the customs as "heavy or bulky" or "0" otherwise
│ │ ├─ ATTACHEDDOCUMENTS	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument	Class representing the list of potential additional documents supplied as part of the declaration and related to the consignment	
│ │ │ ├ Number	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/ID	Identifier of the document	The value should be an ID identifying the document and it should be unique among all other attached documents of the declaration
│ │ │ ├ Issuing date time	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/IssueDateTime	Issuing date of the document	The value should be either a date only or a date and time. If it is a date only, it should follow the EDIFACT 102 format CCYYMMDD. For Example: 20200820 represents 20 August 2020. If it is a date and time, it should follow the EDIFACT 208 format CCYYMMDDHHMMSSZHHMM. For

eTIR field name	Mapping to the XML element (XPATH)	Description	Usage
			Example: 20200820145600+0100 represents 20 August 2020 at 14:56 UTC+01:00.
│ │ ├ Type, coded	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/TypeCode	Code of the type of the document	The value should be the code of the type of the document from the Document name (UN/EDIFACT 1001) code list
│ │ └┬ BINARYFILE	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile	Class representing the content of the document	
│ │ ├ Identification	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/ID	Unique identifier of the file representing the document	The value should be an ID identifying the file and it should be unique among all other binary files of the declaration
│ │ ├ Title	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/Title	Title of the document	The value should be the title of the document
│ │ ├ Author name	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/AuthorName	Name of the author of the document	The value should be the first and last name of the author of the document
│ │ ├ Version	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/VersionID	Version number of the document	The value should be the version of the document
│ │ ├ File name	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/FileNametext	File name of the document	The value should be the name of the file representing the document, including the extension
│ │ ├ URI	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/URIID	URI of the document	The value should be the Unique Resource Identifier (URI) allowing to access the document instead of relying on a binary object representation
│ │ ├ MIME	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/MIMECode	Code of the MIME type of the file	The value should be one of the MIME types as listed by the IANA organization
│ │ ├ Encoding	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/EncodingCode	Code of the encoding algorithm of the file	The value should be the type of encoding algorithm used to encode the file
│ │ ├ Character set	LPCO/ObligationGuarantee/Declaration/Consignment/AdditionalDocument/BinaryFile/CharacterSetCode	Code of the character set of the file	The value should be the character set used in case the file is a text file

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

eTIR field name	Mapping to the XML element (XPATH)	Description	Usage
| | | | ├ Description	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Commodity/CargoDescription	Description of the goods	The value should be a text describing the goods
| | | | └┬ CLASSIFICATION	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Commodity/Classification	Class representing the list of classification details of the goods	
| | | | ├ Code	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Commodity/Classification/ID	Identifier of the classification of the goods	The value should be the identifier of the non-commercial classification of the goods
| | | | └ Type, coded	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Commodity/Classification/IdentificationTypeCode	Code of the classification	The value should be the code of the classification from the Item type identification (UN/EDIFACT 7143) code list
| | | ├┬ CONSIGNEE	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignee	Class representing the potential consignee of the goods	
| | | | ├ Name	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignee/Name	Name of the consignee	The value should be the official company name, or the first and last name of the person in case of physical person, to allow for quick identification
| | | | ├ Identifier	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignee/ID	Unique identifier of the consignee	The value should be the unique identifier of the consignee
| | | | └┬ ADDRESS	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignee/Address	Class representing the physical address of the consignee	
| | | | ├ City name	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignee/Address/CityName	City name of the physical address of the consignee	The value should be the city name of the physical address of the consignee
| | | | ├ Country, coded	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignee/Address/CountryCode	Code of the country of the physical address of the consignee	The value should be the code of the country of the physical address of the consignee from the list Country name (ISO 3166-1-alpha-2) code list
| | | | ├ Street and number/P.O. Box	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignee/Address/Line	Street name of the physical address of the consignee	The value should be the street name and number (or equivalent) of the physical address of the consignee

eTIR field name	Mapping to the XML element (XPATH)	Description	Usage
| | | | └ Postcode identification	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignee/Address/PostcodeID	Postal/Zip code of the physical address of the consignee	The value should be the postal/ZIP code of the physical address of the consignee
| | | ┬ CONSIGNOR	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignor	Class representing the potential consignor of the goods	
| | | | ├ Name	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignor/Name	Name of the consignor	The value should be the official company name, or the first and last name of the person in case of physical person, to allow for quick identification
| | | | ├ Identifier	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignor/ID	Unique identifier of the consignor	The value should be the unique identifier of the consignor
| | | | └ ADDRESS	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignor/Address	Class representing the physical address of the consignor	
| | | | ├ City name	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignor/Address/CityName	City name of the physical address of the consignor	The value should be the city name of the physical address of the consignor
| | | | ├ Country, coded	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignor/Address/CountryCode	Code of the country of the physical address of the consignor	The value should be the code of the country of the physical address of the consignor from the Country name (ISO 3166-1-alpha-2) code list
| | | | ├ Street and number/P.O. Box	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignor/Address/Line	Street name of the physical address of the consignor	The value should be the street name and number (or equivalent) of the physical address of the consignor
| | | | └ Postcode identification	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Consignor/Address/PostcodeID	Postal/Zip code of the physical address of the consignor	The value should be the postal/ZIP code of the physical address of the consignor
| | | ┬ DELIVERYDESTINATION	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/DeliveryDestination	Class representing the potential party to which the goods should be delivered	
| | | | ├ Name	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/DeliveryDestination/Name	Name of the delivery destination	The value should be the official company name, or the first and last name of the person in case of physical person, to allow for quick identification.
| | | | └ ADDRESS	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/DeliveryDestination/Address	Class representing the physical address of the delivery destination	

eTIR field name	Mapping to the XML element (XPATH)	Description	Usage
| | | | ├ City name	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/DeliveryDestination/Address/CityName	City name of the physical address of the delivery destination	The value should be the city name of the physical address of the delivery destination
| | | | ├ Country, coded	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/DeliveryDestination/Address/CountryCode	Code of the country of the physical address of the delivery destination	The value should be the code of the country of the physical address of the delivery destination from the Country name (ISO 3166-1-alpha-2) code list
| | | | ├ Street and number/P.O. Box	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/DeliveryDestination/Address/Line	Street name of the physical address of the delivery destination	The value should be the street name and number (or equivalent) of the physical address of the delivery destination
| | | | └ Postcode identification	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/DeliveryDestination/Address/PostcodeID	Postal/Zip code of the physical address of the delivery destination	The value should be the postal/ZIP code of the physical address of the delivery destination
| | | ├┬ GOODSMEASURE	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/GoodsMeasure	Class representing the details on the measures of the goods	
| | | | └ Gross weight	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/GoodsMeasure/GrossMassMeasure	Total gross weight of the goods	The value should be the total gross weight as a decimal number. The unit should be defined in the Measure Unit. Code attribute and should match one of the values listed in the Measurement unit code (UNECE Recommendation 20) list
| | | ├┬ PACKAGING	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Packaging	Class representing the list of details on the packaging of the goods	
| | | | ├ Sequence number	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Packaging/SequenceNumeric	Index of the packaging in the list	The value should be the 1-based index of the packaging in the list, allowing for quick physical identification upon inspection
| | | | ├ Marks and numbers	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Packaging/MarksNumbersID	Packaging marks and numbers	The value should be a text describing the marks and numbers on a transport unit or package.
| | | | ├ Number of packages	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/Packaging/QuantityQuantity	Number of packages	The value should be the number of individual items packaged in such a way that they cannot be divided without first undoing the packing
| | | | └ Type, coded	LPCO/ObligationGuarantee/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 code (UNECE Recommendation 21 Annex VI)

eTIR field name	Mapping to the XML element (XPATH)	Description	Usage
| | | ⊢┬ TRANSPORTEQUIPMENT	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/TransportEquipment	Class representing the transport equipment used for the consignment item	
| | | | └ Identifier	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/TransportEquipment/ID	Identifier of the transport equipment	The value should be marks (letters and/or numbers) which identify the transport equipment
| | | └┬ UCR	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/UCR	Class representing the Unique Trader Reference	
| | | └ Identifier	LPCO/ObligationGuarantee/Declaration/Consignment/ConsignmentItem/UCR/ID	Unique identifier of the goods	The value should be the unique identifier assigned to goods being subject to cross border transactions
| | ⊢┬ LOADINGLOCATION	LPCO/ObligationGuarantee/Declaration/Consignment/LoadingLocation	Class representing the place of loading of the goods	
| | | └ Name	LPCO/ObligationGuarantee/Declaration/Consignment/LoadingLocation/Name	Name of the loading location	The value should be the name of a seaport, airport, freight terminal, rail station or other place at which goods are loaded onto the means of transport being used for their carriage
| | ⊢┬ NOTIFYPARTY	LPCO/ObligationGuarantee/Declaration/Consignment/NotifyParty	Class representing a potential party to be notified	
| | | ⊢ Name	LPCO/ObligationGuarantee/Declaration/Consignment/NotifyParty/Name	Name of the party to be notified	The value should be the name (first and last name or company) of the party to be notified
| | | ⊢ Identifier	LPCO/ObligationGuarantee/Declaration/Consignment/NotifyParty/ID	Unique identifier of the party to be notified	The value should be the unique identifier of the party to be notified
| | | └┬ ADDRESS	LPCO/ObligationGuarantee/Declaration/Consignment/NotifyParty/Address	Class representing the physical address of the party to be notified	
| | | ⊢ City name	LPCO/ObligationGuarantee/Declaration/Consignment/NotifyParty/Address/CityName	City name of the physical address of the party to be notified	The value should be the city name of the physical address of the party to be notified
| | | ⊢ Country, coded	LPCO/ObligationGuarantee/Declaration/Consignment/NotifyParty/Address/CountryCode	Code of the country of the physical address of the party to be notified	The value should be the code of the country of the physical address of the party to be notified from the Country name code (ISO 3166-1-alpha-2) list
| | | ⊢ Street and number/P.O. Box	LPCO/ObligationGuarantee/Declaration/Consignment/NotifyParty/Address/Line	Street name of the physical address of the party to be notified	The value should be the street name and number (or equivalent) of the physical address of the party to be notified
| | | └ Postcode identification	LPCO/ObligationGuarantee/Declaration/Consignment/NotifyParty/Address/PostcodeID	Postal/Zip code of the physical address of the party to be notified	The value should be the postal/ZIP code of the physical address of the party to be notified

eTIR field name	Mapping to the XML element (XPATH)	Description	Usage
⌐ CUSTOMSOFFICEOFDEPARTURE	LPCO/ObligationGuarantee/Declaration/Consignment/TransitDeparture	Class representing the customs office where the goods are loaded	
└ Identifier	LPCO/ObligationGuarantee/Declaration/Consignment/TransitDeparture/ID	Unique identifier of the customs office of departure	The value should be the unique identifier used of the customs of departure, where the goods are loaded. This identifier is the one registered in the International TIR Data Bank (ITDB) for the customs office
⌐ CUSTOMSOFFICEOFDESTINATION	LPCO/ObligationGuarantee/Declaration/Consignment/TransitDestination	Class representing the customs office where the goods are unloaded	
└ Identifier	LPCO/ObligationGuarantee/Declaration/Consignment/TransitDestination/ID	Unique identifier of the customs office of destination	The value should be the unique identifier used of the customs of destination, where the goods are unloaded. This identifier is the one registered in the International TIR Data Bank (ITDB) for the customs office
⌐ TRANSPORTMEANS	LPCO/ObligationGuarantee/Declaration/Consignment/TransitTransportMeans	Class representing the list of the means of transport for the consignment	
├ Identifier	LPCO/ObligationGuarantee/Declaration/Consignment/TransitTransportMeans/ID	Unique identifier of the transport means	The value should be the unique identifier of the means of transport used for the transit
├ Type, coded	LPCO/ObligationGuarantee/Declaration/Consignment/TransitTransportMeans/TypeCode	Code of the means of transport	The value should be the code of the means of transport from the code list Transport means description code (UNECE Recommendation 28)
├ Nationality, coded	LPCO/ObligationGuarantee/Declaration/Consignment/TransitTransportMeans/RegistrationNationalityCode	Nationality of the means of transport	The value should be the code of the country for the nationality of the means of transport from the Country name code (ISO 3166-1-alpha-2) list
├ Conveyance reference number	LPCO/ObligationGuarantee/Declaration/Consignment/TransitTransportMeans/JourneyID	External identifier/reference identifying a journey of a means of transport	The value should be an identifier referencing a journey of a means of transport (e.g. vessel, train or plane), like voyage number, flight number, or trip number.
├ Sequence number	LPCO/ObligationGuarantee/Declaration/Consignment/TransitTransportMeans/SequenceNumeric	Index of the transport means in the list	The value should be the 1-based index of the transport means in the list
└ COUNTRYOFROUTING	LPCO/ObligationGuarantee/Declaration/Consignment/TransitTransportMeans/Itinerary	Class representing the list of countries of the itinerary of the consignment	
├ Sequence number	LPCO/ObligationGuarantee/Declaration/Consignment/TransitTransportMeans/Itinerary/SequenceNumeric	Index of the country in the list	The value should be the 1-based index of the country in the list representing the itinerary of the consignment

eTIR field name	Mapping to the XML element (XPATH)	Description	Usage
| | | └ Country, coded	LPCO/ObligationGuarantee/Declaration/Consignment/TransitTransportMeans/Itinerary/RoutingCountryCode	Code of the country	The value should be the code of the country from the Country name code (ISO 3166-1-alpha-2) list
| | └ TRANSPORTEQUIPMENT	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment	Class representing the list of the transport equipment used for the consignment	
| | ├ Sequence number	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/SequenceNumeric	Index of the transport equipment in the list	The value should be the 1-based index of the transport equipment in the list
| | ├ Size and type, coded	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/CharacteristicCode	Code of the transport equipment	The value should be the code of the transport equipment (specifying its characteristics) from the Equipment size and type description code (UN/EDIFACT 8155) list
| | ├ Identifier	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/ID	Identifier of the transport equipment	The value should be marks (letters and/or numbers) which identify the transport equipment
| | ├ CERTIFICATEOFAPPROVAL	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument	Class representing the details of the certificate of approval of the transport equipment	
| | | ├ Number	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/ID	Unique identifier of the certificate of approval	The value should be the unique identifier of the certificate of approval
| | | ├ Issuing date time	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/IssueDateTime	Issuing date of the certificate of approval	The value should be either a date only or a date and time. If it is a date only, it should follow the EDIFACT 102 format CCYYMMDD. For Example: 20200820 represents 20 August 2020. If it is a date and time, it should follow the EDIFACT 208 format CCYYMMDDHHMMSSZHHMM. For Example: 20200820145600+0100 represents 20 August 2020 at 14:56 UTC+01:00.
| | | ├ Type, coded	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/TypeCode	Code of the type of the certificate of approval	The value should be the code of the type of the certificate of approval from the list Document name code (UN/EDIFACT 1001) list
| | | └ BINARYFILE	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile	Class representing the contents of the certificate of approval	

eTIR field name	Mapping to the XML element (XPATH)	Description	Usage
| | | ├ Identification	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/ID	Unique identifier of the file representing the document	The value should be an ID identifying the file and it should be unique among all other binary files of the declaration
| | | ├ Title	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/Title	Title of the certificate of approval	The value should be the title of the certificate of approval
| | | ├ Author name	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/AuthorName	Name of the author of the certificate of approval	The value should be the first and last name of the author (or the issuing organization) of the certificate of approval
| | | ├ Version	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/VersionID	Version number of the certificate of approval	The value should be the version of the certificate of approval
| | | ├ File name	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/FileNametext	File name of the certificate of approval	The value should be the name of the file representing the certificate of approval, including the extension
| | | ├ URI	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/URIID	URI of the certificate of approval	The value should be the Unique Resource Identifier (URI) allowing to access the certificate of approval instead of relying on a inary object representation
| | | ├ MIME	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/MIMECode	Code of the MIME type of the file	The value should be one of the MIME types as listed by the IANA organization
| | | ├ Encoding	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/EncodingCode	Code of the encoding algorithm of the file	The value should be the type of encoding algorithm used to encode the file
| | | ├ Character set	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/CharacterSetCode	Code of the character set of the file	The value should be the character set used in case the file is a text file
| | | ├ Include binary object	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/IncludedBinaryObjectBinaryObject	Binary representation of the file	The value should be the contents of the file represented using the characteristics mentioned in the other attributes (EncodingCode and CharacterSetCode)

eTIR field name	Mapping to the XML element (XPATH)	Description	Usage
│ │ │ ├ Access	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/Access	Access information of the file	The value should be the information needed to access the file, such as security and download parameters. This is only useful when the file is accessible using the URIID parameter
│ │ │ ├ Description	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/Description	Description of the certificate of approval	The value should be the description of the certificate of approval and explain what it contains
│ │ │ ├ Size	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/SizeMeasure	Size of the file	The value should be the size of the file. The unit should be defined in the Measure Unit. Code attribute and should match one of the values listed in the Measurement unit (UNECE Recommendation 20) code list
│ │ │ ├ Hash code	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/HashCode	Hash value of the file	The value should be the hash code string that resulted from hashing the attached file to be used for file reception validation
│ │ │ └ Hash code algorithm id	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/AdditionalDocument/BinaryFile/HashCodeAlgorithmIDCode	Code of the hash algorithm	The value should be the short name of the algorithm used to compute the hash value of the file
│ │ └┬ SEAL	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/Seal	Class representing the list of seals affixed to the transport equipment	
│ │ ├ Sequence number	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/Seal/SequenceNumeric	Index of the seal in the list	The value should be the 1-based index of the seal in the list
│ │ ├ Seal number	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/Seal/ID	Unique identifier of the seal	The value should be the unique identifier of the seal affixed to the transport equipment
│ │ └ Seal type, coded	LPCO/ObligationGuarantee/Declaration/Consignment/TransportEquipment/Seal/TypeCode	Code of the type of seal	The value should be the code of the type of seal from the Seal type (eTIR) code list
│ ├┬ GUARANTEE	LPCO/ObligationGuarantee/Declaration/DeclarationGuarantee	Class representing the guarantee of this TIR transport	
│ │ ├ Validity date	LPCO/ObligationGuarantee/Declaration/DeclarationGuarantee/ExpirationDateTime	Expiration date of the guarantee	The value should be a date to be provided following the EDIFACT 102 format CCYYMMDD. For Example: 20200820 represents 20 August 2020.

eTIR field name	Mapping to the XML element (XPATH)	Description	Usage
| | ├ Reference	LPCO/ObligationGuarantee/Declaration/DeclarationGuarantee/ReferenceID	Unique identifier of the guarantee	The value should be the unique identifier of the guarantee for this TIR transport
| | └ Guarantee type, coded	LPCO/ObligationGuarantee/Declaration/DeclarationGuarantee/SecurityDetailsCode	Code of the type of guarantee	The value should be the unique identifier of the guarantee for this TIR transport
| ├─ NATIONALREFERENCE	LPCO/ObligationGuarantee/Declaration/NationalReference	Class representing the list of national references under which the declaration data has been saved in the countries along the itinerary of the transport	
| | ├ Reference	LPCO/ObligationGuarantee/Declaration/NationalReference/ID	Identifier of the national reference of the declaration	The value should be the identifier of the national reference under which the declaration has been saved in the country along the itinerary of the transport
| | └ Country, coded	LPCO/ObligationGuarantee/Declaration/NationalReference/IssuingCountryCode	Code of the country along the itinerary	The value should be the code of the country along the itinerary from the Country name code (ISO 3166-1-alpha-2) code list
| └─ HOLDER	LPCO/ObligationGuarantee/Declaration/Principal	Class representing the holder (transporter) of this transport	
| ├ Name	LPCO/ObligationGuarantee/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	LPCO/ObligationGuarantee/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	LPCO/ObligationGuarantee/Declaration/Principal/Address	Class representing the physical address of the holder	
| ├ City name	LPCO/ObligationGuarantee/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	LPCO/ObligationGuarantee/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 Country name code (ISO 3166-1-alpha-2) list
| ├ Street and number/P.O. Box	LPCO/ObligationGuarantee/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	LPCO/ObligationGuarantee/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
├─ GUARANTEECHAIN	LPCO/ObligationGuarantee/Surety	Class representing the information related to the issuing guarantee chain	

eTIR field name	Mapping to the XML element (XPATH)	Description	Usage
		(providing guarantee for the TIR transport)	
| └ Code	LPCO/ObligationGuarantee/Surety/ID	Unique identifier of the guarantee chain which issued the guarantee	The value should be 'IRU' for guarantees issued by the International Road transport Union
├┬ TIROPERATION	LPCO/ObligationGuarantee/TransitOperation	Class representing the list of potential TIR operations that have already been carried out with the guarantee	
|├ Sequence number	LPCO/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	LPCO/ObligationGuarantee/TransitOperation/RegistrationID	Identifier of the TIR operation	The value should be the unique identifier under which the TIR operation is nationally registered
|├┬ START	LPCO/ObligationGuarantee/TransitOperation/OperationStart	Class representing the details related to the start of the TIR operation	
||├ End date time	LPCO/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	LPCO/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	LPCO/ObligationGuarantee/TransitOperation/OperationStart/AdditionalInformation	Class representing the potential additional information regarding the start of the TIR operation	
|||└ Remarks	LPCO/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	LPCO/ObligationGuarantee/TransitOperation/OperationStart/Consignment	Class representing potential parent object grouping all transport equipments and related seals information	
|||└┬ TRANSPORTEQUIPMENT	LPCO/ObligationGuarantee/TransitOperation/OperationStart/Consignment/TransportEquipment	Class representing the list of all transport equipments used for all consignments in the TIR operation	

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

eTIR field name	Mapping to the XML element (XPATH)	Description	Usage
│ │ │ └ Identifier	LPCO/ObligationGuarantee/TransitOperation/OperationStart/Itinerary/ItineraryGovernmentOffice/ID	Unique identifier of the customs office of the itinerary	The value should be the unique identifier of the customs office of the itinerary. This identifier is the one recorded in the International TIR Data Bank (ITDB) for the customs office
│ │ └┬ CUSTOMSOFFICE	LPCO/ObligationGuarantee/TransitOperation/OperationStart/TransitOperationStartOffice	Class representing the details of the customs office where the TIR operation started	
│ │ └ Identifier	LPCO/ObligationGuarantee/TransitOperation/OperationStart/TransitOperationStartOffice/ID	Unique identifier of the customs office where the TIR operation is started	The value should be the unique identifier of the customs office where the TIR operation is started. This identifier is the one recorded in the International TIR Data Bank (ITDB) for the customs office
│ ├┬ TERMINATION	LPCO/ObligationGuarantee/TransitOperation/OperationTermination	Class representing the details related to the termination of the TIR operation	
│ │ ├ End date time	LPCO/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.
│ │ ├ Number of packages	LPCO/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	LPCO/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 (eTIR) code list
│ │ ├┬ ADDITIONALINFORMATION	LPCO/ObligationGuarantee/TransitOperation/OperationTermination/AdditionalInformation	Class representing potential additional information regarding the termination of the TIR operation	
│ │ │ └ Reservations	LPCO/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	LPCO/ObligationGuarantee/TransitOperation/OperationTermination/Consignment	Class representing potential parent object grouping details about all transport equipments and related seals information	
│ │ │ └┬ TRANSPORTEQUIPMENT	LPCO/ObligationGuarantee/TransitOperation/OperationTermination/Consignment/TransportEquipment	Class representing the list of all transport equipments used for all consignments in the TIR operation	

eTIR field name	Mapping to the XML element (XPATH)	Description	Usage
| | | ├ Identifier	LPCO/ObligationGuarantee/TransitOperation/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	LPCO/ObligationGuarantee/TransitOperation/OperationTermination/Consignment/TransportEquipment/Seal	Class representing the list of seals affixed to the transport equipment	
| | | ├ Sequence number	LPCO/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	LPCO/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	LPCO/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 Seal type (eTIR) code list
| | ├┬ CONTROL	LPCO/ObligationGuarantee/TransitOperation/OperationTermination/Control	Class representing the details of the control performed by the customs officer while terminating the TIR operation	
| | | ├ Type, coded	LPCO/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 (eTIR) code list
| | | └┬ CONTROLRESULT	LPCO/ObligationGuarantee/TransitOperation/OperationTermination/Control/ControlResult	Class representing the details of the outcome of the control performed by the customs officer	
| | | └ Result, coded	LPCO/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 (eTIR) code list
| | └┬ CUSTOMSOFFICE	LPCO/ObligationGuarantee/TransitOperation/OperationTermination/TransitOperationTerminationOffice	Class representing the details of the customs office where the TIR operation is terminated	
| | └ Identifier	LPCO/ObligationGuarantee/TransitOperation/OperationTermination/TransitOperationTerminationOffice/ID	Unique identifier of the customs office where the TIR operation is terminated	The value should be the unique identifier of the customs office where the TIR operation is terminated. This identifier is the one recorded in the International TIR Data Bank (ITDB) for the customs office

eTIR field name	Mapping to the XML element (XPATH)	Description	Usage
├┬ DISCHARGE	LPCO/ObligationGuarantee/TransitOperation/OperationDischarge	Class representing the details related to the discharge of the TIR operation	
│ ├ End date time	LPCO/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	LPCO/ObligationGuarantee/TransitOperation/OperationDischarge/TransitOperationDischargeOffice	Class representing the details of the customs office where the TIR operation is discharged	
│ └ Identifier	LPCO/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	LPCO/ObligationGuarantee/TransitOperation/RefusalToStart	Class representing the details related to the refusal to start the TIR operation	
├ End date time	LPCO/ObligationGuarantee/TransitOperation/RefusalToStart/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.
├┬ ADDITIONALINFORMATION	LPCO/ObligationGuarantee/TransitOperation/RefusalToStart/AdditionalInformation	Class representing additional information regarding the refusal to start the TIR operation	
│ └ Reason	LPCO/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	LPCO/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	LPCO/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 (eTIR) code list
│ └┬ CONTROLRESULT	LPCO/ObligationGuarantee/TransitOperation/RefusalToStart/Control/ControlResult	Class representing the details of the outcome of the control performed by the customs officer	
│ └ Result, coded	LPCO/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

eTIR field name	Mapping to the XML element (XPATH)	Description	Usage
└┬ CUSTOMSOFFICE	LPCO/ObligationGuarantee/TransitOperation/RefusalToStart/TransitOperationStartOffice	Class representing the details of the customs office where the TIR operation is refused to be started	
└ Identifier	LPCO/ObligationGuarantee/TransitOperation/RefusalToStart/TransitOperationStartOffice/ID	Unique identifier of the customs office where the TIR operation is refused to be started	The value should be the unique identifier of the customs office where the TIR operation is refused to be started. This identifier is the one recorded in the International TIR Data Bank (ITDB) for the customs office
└┬ HOLDER	LPCO/ObligationGuarantee/Principal	Class representing the holder (transporter) of this transport	
├ Name	LPCO/ObligationGuarantee/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	LPCO/ObligationGuarantee/Principal/ID	Unique identifier of the holder	This value matches the holder's identifier in ITDB. This value is retrieved from the I7 - Record declaration data previously received
├┬ ADDRESS	LPCO/ObligationGuarantee/Principal/Address	Class representing the physical address of the holder	
│ ├ City name	LPCO/ObligationGuarantee/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	LPCO/ObligationGuarantee/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 Country name code (ISO 3166-1-alpha-2) list
│ ├ Street and number/P.O. Box	LPCO/ObligationGuarantee/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	LPCO/ObligationGuarantee/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
└┬ AUTHORIZATION	LPCO/ObligationGuarantee/Principal/AuthorizationCertificate	Class representing the details related to the authorization of the holder in the TIR system	
├ Status, coded	LPCO/ObligationGuarantee/Principal/AuthorizationCertificate/StatusCode	Code of the current authorization status of the holder	The value should be the code of the current authorization status of the holder from the Holder status (eTIR) code list
├┬ ACTIVEWITHDRAWAL	LPCO/ObligationGuarantee/Principal/AuthorizationCertificate/AuthorizationWithdrawal	Class representing the details related to a potential withdrawal of the holder from the TIR system	
│ ├ Start date	LPCO/ObligationGuarantee/Principal/AuthorizationCertificate/AuthorizationWithdrawal/EffectiveDateTime	Start date of the withdrawal of the holder from the TIR system	The value should be a date to be provided following the EDIFACT 102 format. For Example: 20200820 represents 20 August 2020.

eTIR field name	Mapping to the XML element (XPATH)	Description	Usage
∟ End date	LPCO/ObligationGuarantee/Principal/AuthorizationCertificate/AuthorizationWithdrawal/ExpirationDateTime	End date of the withdrawal of the holder from the TIR system	The value should be a date to be provided following the EDIFACT 102 format CCYYMMDD. For Example: 20200820 represents 20 August 2020.
└┬ ACTIVEEXCLUSION	LPCO/ObligationGuarantee/Principal/AuthorizationCertificate/Exclusion	Class representing the list of potential exclusions of the holder in specific countries, as per Article 38 of the TIR Convention	
├ Start date	LPCO/ObligationGuarantee/Principal/AuthorizationCertificate/Exclusion/EffectiveDateTime	Start date of the exclusion of the holder from the TIR system in the country detailed in the related field below	The value should be a date to be provided following the EDIFACT 102 format CCYYMMDD. For Example: 20200820 represents 20 August 2020.
├ End date	LPCO/ObligationGuarantee/Principal/AuthorizationCertificate/Exclusion/ExpirationDateTime	End date of the exclusion of the holder from the TIR system in the country detailed in the related field below	The value should be a date to be provided following the EDIFACT 102 format CCYYMMDD. For Example: 20200820 represents 20 August 2020.
└ Country, coded	LPCO/ObligationGuarantee/Principal/AuthorizationCertificate/Exclusion/CountryCode	Code of the country in which the holder is excluded	The value should be the code of the country in which the holder is excluded from the Country name code (ISO 3166-1-alpha-2) list

(c) **How to use response data in the guarantee chain system**

6.   The eTIR international system will return whether there were errors while processing the request message by filling in the Error list. Therefore, and as for all response messages expected from the eTIR international system, the first step when parsing the "E6 – Query results" response message should always be to look for potential error elements in the response message and address them accordingly as mentioned in the Error management section.

7.   If there was no error, and the response message content is as expected, the next step for the guarantee chain system is to find, in the response, the information needed. Depending on the case in which the query mechanism was used, the guarantee chain system may need to store, in its database, all information contained in the "E6 – Query results", or, on the contrary, the guarantee chain system may need to retrieve only a few fields from the response and process them.