



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 E9/E10****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. 84¹) 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

¹ Decision of the Inland Transport Committee para. 84 / ECE/TRANS/294
www.unece.org/fileadmin/DAM/trans/doc/2020/itc/ECE-TRANS-294e.pdf

² Terms of reference of the newly established Group approved by the Inland Transport Committee and the Executive Committee (EXCOM) of ECE

³ Decision of EXCOM, ECE/EX/2020/L.2 / para. 5(b)
www.unece.org/fileadmin/DAM/commission/EXCOM/Agenda/2020/Remote_informal_mtg_20_05_2020/Item_4_ECE_EX_2020_L.2_ITC_Sub_bodies_E.pdf

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 E9 and E10. 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. E9/E10 message pair

4. This section describes the technical specifications of the “E9 – Advance TIR data” request message, sent by the holder to the national customs system of the country of departure (via the eTIR international system) to send the advance TIR data related to a future TIR transport; and the “E10 – Advance TIR data results” response message, sent back by the national customs system (via the eTIR international system).

5. It is mandatory for the holder to send the advance TIR data to customs authorities of the country of departure, to be able to start a TIR transport. It should be communicated as early as possible to customs authorities, once the cargo information of the transport has been confirmed.

(a) Message forwarding mechanism in the eTIR international system

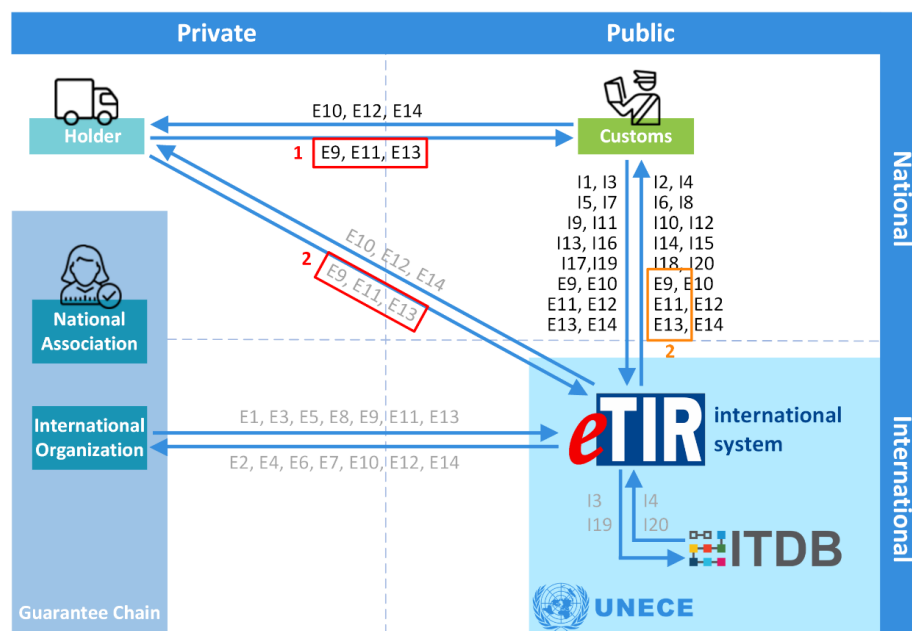
6. All eTIR messages sent by the holder to customs authorities can be communicated either:

1. Directly to the relevant national customs system using the electronic means published by the competent authorities;
2. Via the eTIR international system that will then forward the messages to the relevant national customs system, using its internal "forwarding mechanism".

7. The following diagram illustrates both options, shown as (1) and (2).

Figure I

How the holder can send advance TIR data using the E9 message



8. It is important to note that the choice of the electronic means, for the holder, to send the advance TIR data to the national customs system is defined in Annex 11 of the TIR

Convention. In Article 6, it is described that option (2) (to send it via the eTIR international system) should always exist, whereas option (1) (to communicate it using other electronic means) depends on the relevant customs authorities, as each of them publishes a list of authorized mechanisms. It is also important to note that, in the case of a holder to national customs system direct communication (or using a third party tool), the format of the messages does not have to be exactly as described in the eTIR specifications, but the content must, at least, contain all the fields and values described in it, to ensure all relevant information is available for the subsequent eTIR messages to be generated, in particular the “17 – Record declaration data” message.

9. The eTIR international system forwarding mechanism performs the following two functions:

- Validation of inbound request eTIR messages from holders, and possibly return errors, if any;
- Forward of inbound request/response eTIR messages to the relevant recipient (the holder or the national customs system).

(b) Update of the Advance TIR/amendment data

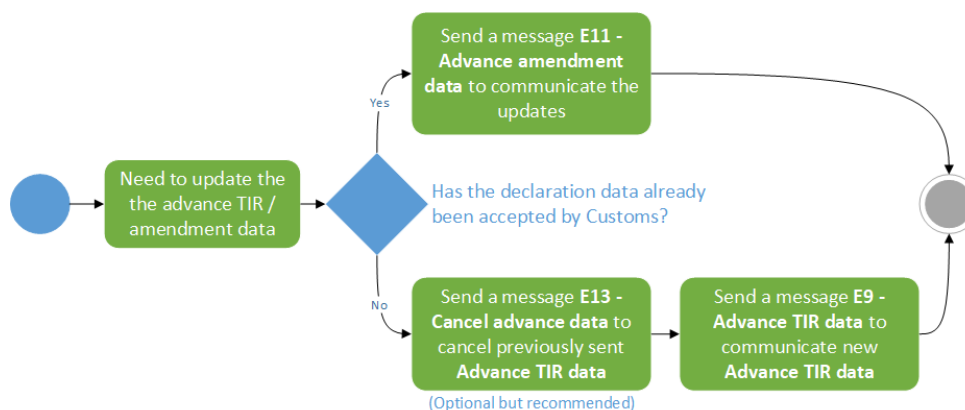
10. In case a holder has already sent an “E9 – Advance TIR data” message and needs to update its content, he or she is required to send either:

- Another “E9 – Advance TIR data” message if the TIR transport has not started yet. It is recommended to send an “E13 – Cancel advance data” message to cancel the previously sent advance TIR data;
- Or an “E11 – Advance amendment data” message if the TIR transport has started already.

11. The following diagram summarizes this logic, that must be implemented in the holder system, for any need to update the advance data or the declaration data, in order to be properly processed by the national customs system:

Figure II

Update the advance TIR data or the declaration data



(c) Communication of advance TIR data for a TIR Transport with multiple loading points

12. In case a holder plans to execute a TIR transport with multiple loading points, possibly in multiple customs territories (countries), advance TIR data must be communicated using an eTIR message (or any other electronic means authorized by the relevant customs authorities) to each and every of the customs authorities of the countries where goods will be loaded.

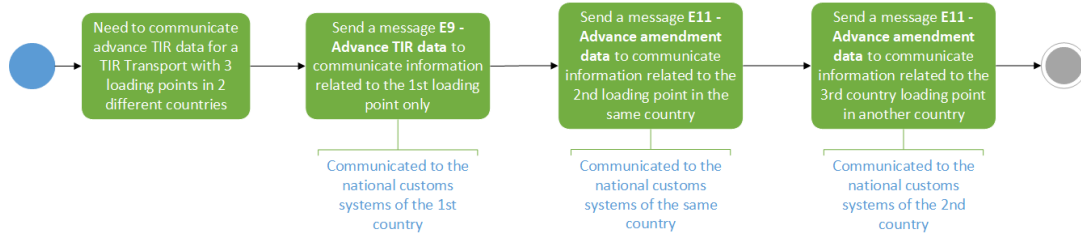
13. It is important to note that the “E9 – Advance TIR data” message is only intended for the initial customs office of departure and that this message should only contain consignments loaded at that first loading point. Consequently, the holder must then send an “E11 – Advance amendment data” message to each customs authority where additional

loading points are located, to communicate the advance TIR data related to the consignments to be loaded at the corresponding additional loading points.

14. The following diagram illustrates the example of a TIR transport with three loading points happening in two different customs territories and the “E9 – Advance TIR data” and “E11 – Advance amendment data” messages required:

Figure III

Advance TIR data for multiple loading points



15. In such case, the “E9 – Advance TIR data” and “E11 – Advance amendment data” messages can all be sent before presenting the goods, along with the road vehicle, the combination of vehicles or the container to the first customs office of departure.

(d) E9 – Advance TIR data

Table 1

E9 – field details

<i>eTIR field name</i>	<i>Mapping to the XML element (XPATH)</i>	<i>Status</i>	<i>Cardinality</i>	<i>Format</i>	<i>Code lists</i>	<i>Conditions</i>	<i>Rules</i>
Message function, coded	Function	R	1..1	n..2	CL16		
Message identifier	ID	R	1..1	an..70			
Issuing date time	IssueDateTime	R	1..1	an..35			
Type, coded	TypeCode	R	1..1	an..3	CL26		
Total gross weight	TotalGrossMassMeasure	O	0..1	n..16,6			
┐ ADDITIONALINFORMATION	AdditionalInformation	O	0..1				
┐┐ Remarks	AdditionalInformation/Content	O	0..1	an..512			
┐ AGENT	Agent	O	0..1				
┐┐ Name	Agent/Name	D	0..1	an..70		C001	
┐┐ Identifier	Agent/ID	D	0..1	an..35		C001	
┐┐ Role, coded	Agent/RoleCode	R	1..1	an..3	CL02		
┐┐ ADDRESS	Agent/Address	D	0..1			C001	
┐┐┐ City name	Agent/Address/CityName	R	1..1	an..35			
┐┐┐ Country, coded	Agent/Address/CountryCode	R	1..1	a2	CL04		
┐┐┐ Street and number/P.O. Box	Agent/Address/Line	R	1..1	an..256			
┐┐┐┐ Postcode identification	Agent/Address/PostcodeID	O	0..1	an..17			
┐ SUBCONTRACTOR	Carrier	O	0..*				
┐┐ Name	Carrier/Name	D	0..1	an..70		C001	
┐┐ Identifier	Carrier/ID	D	0..1	an..35		C001	

<i>eTIR field name</i>	<i>Mapping to the XML element (XPath)</i>	<i>Status</i>	<i>Cardinality</i>	<i>Format</i>	<i>Code lists</i>	<i>Conditions</i>	<i>Rules</i>
⊣ ADDRESS	Carrier/Address	D	0..1			C001	
⊣ City name	Carrier/Address/CityName	R	1..1	an..35			
⊣ Country, coded	Carrier/Address/CountryCode	R	1..1	a2	CL04		
⊣ Street and number/P.O. Box	Carrier/Address/Line	R	1..1	an..256			
⊣ Postcode identification	Carrier/Address/PostcodeID	O	0..1	an..17			
⊣ CONSIGNMENT	Consignment	R	1..*				
⊣ Sequence number	Consignment/SequenceNumeric	R	1..1	n..5			
⊣ Heavy or bulky goods indicator	Consignment/HeavyOrBulkyGoodsIndicator	R	1..1				
⊣ ATTACHEDDOCUMENTS	Consignment/AdditionalDocument	O	0..*				
⊣ Number	Consignment/AdditionalDocument/ID	R	1..1	an..70			
⊣ Issuing date time	Consignment/AdditionalDocument/IssueDateTime	R	1..1	an..35			
⊣ Type, coded	Consignment/AdditionalDocument/TypeCode	R	1..1	an..3	CL06		
⊣ BINARYFILE	Consignment/AdditionalDocument/BinaryFile	O	0..1				
⊣ Identifier	Consignment/AdditionalDocument/BinaryFile/ID	R	1..1	an..256			
⊣ Title	Consignment/AdditionalDocument/BinaryFile/Title	R	1..1	an..256			
⊣ Author name	Consignment/AdditionalDocument/BinaryFile/AuthorName	O	0..1	an..70			
⊣ Version	Consignment/AdditionalDocument/BinaryFile/VersionID	O	0..1	an..17			
⊣ File name	Consignment/AdditionalDocument/BinaryFile/FileNametext	O	0..1	an..256			
⊣ URI	Consignment/AdditionalDocument/BinaryFile/URIID	O	0..1	an..2048			
⊣ MIME	Consignment/AdditionalDocument/BinaryFile/MIMECode	O	0..1	an..70			
⊣ Encoding	Consignment/AdditionalDocument/BinaryFile/EncodingCode	O	0..1	an..17			
⊣ Character set	Consignment/AdditionalDocument/BinaryFile/CharacterSetCode	O	0..1	n..17			

<i>eTIR field name</i>	<i>Mapping to the XML element (XPATH)</i>	<i>Status</i>	<i>Cardinality</i>	<i>Format</i>	<i>Code lists</i>	<i>Conditions</i>	<i>Rules</i>
Include binary object	Consignment/AdditionalDocument/BinaryFile/IncludedBinaryObjectBinaryObject	O	0..1	N/A			
Access	Consignment/AdditionalDocument/BinaryFile/Access	O	0..1	an..256			
Description	Consignment/AdditionalDocument/BinaryFile/Description	O	0..1	an..256			
Size	Consignment/AdditionalDocument/BinaryFile/SizeMeasure	O	0..1	n..16,6			
Hash code	Consignment/AdditionalDocument/BinaryFile/HashCode	O	0..1	an..256			
Hash code algorithm id	Consignment/AdditionalDocument/BinaryFile/HashCodeAlgorithmIDCode	O	0..1	an..6			
CONSIGNMENTITEM	Consignment/ConsignmenItem	R	1..*				
Sequence number	Consignment/ConsignmenItem/SequenceNumeric	R	1..1	n..5			
ADDITIONALINFORMATION	Consignment/ConsignmenItem/AdditionalInformation	O	0..*				
Remarks	Consignment/ConsignmenItem/AdditionalInformation/Content	R	1..1	an..512			
GOODS	Consignment/ConsignmenItem/Commodity	R	1..1				
Description	Consignment/ConsignmenItem/Commodity/CargoDescription	D	0..1	an..256		C004	
CLASSIFICATION	Consignment/ConsignmenItem/Commodity/Classification	O	0..*				R008
Code	Consignment/ConsignmenItem/Commodity/Classification/ID	R	1..1	an..18			
Type, coded	Consignment/ConsignmenItem/Commodity/Classification/IdentificationTypeCode	R	1..1	an..3	CL03		
CONSIGNEE	Consignment/ConsignmenItem/Consignee	O	0..1				
Name	Consignment/ConsignmenItem/Consignee/Name	D	0..1	an..70		C001	
Identifier	Consignment/ConsignmenItem/Consignee/ID	D	0..1	an..35		C001	
ADDRESS	Consignment/ConsignmenItem/Consignee/Address	D	0..1			C001	
City name	Consignment/ConsignmenItem/Consignee/Address/CityName	R	1..1	an..35			
Country, coded	Consignment/ConsignmenItem/Consignee/Address/CountryCode	R	1..1	a2	CL04		

<i>eTIR field name</i>	<i>Mapping to the XML element (XPATH)</i>	<i>Status</i>	<i>Cardinality</i>	<i>Format</i>	<i>Code lists</i>	<i>Conditions</i>	<i>Rules</i>
Street and number/P.O. Box	Consignment/ConsignmentItem/Consignee/Address/Line	R	1..1	an..256			
Postcode identification	Consignment/ConsignmentItem/Consignee/Address/PostcodeID	O	0..1	an..17			
CONSIGNOR	Consignment/ConsignmentItem/Consignor	O	0..1				
Name	Consignment/ConsignmentItem/Consignor/Name	D	0..1	an..70		C001	
Identifier	Consignment/ConsignmentItem/Consignor/ID	D	0..1	an..35		C001	
ADDRESS	Consignment/ConsignmentItem/Consignor/Address	D	0..1			C001	
City name	Consignment/ConsignmentItem/Consignor/Address/CityName	R	1..1	an..35			
Country, coded	Consignment/ConsignmentItem/Consignor/Address/CountryCode	R	1..1	a2	CL04		
Street and number/P.O. Box	Consignment/ConsignmentItem/Consignor/Address/Line	R	1..1	an..256			
Postcode identification	Consignment/ConsignmentItem/Consignor/Address/PostcodeID	O	0..1	an..17			
DELIVERYDESTINATION	Consignment/ConsignmentItem/DeliveryDestination	O	0..1				
Name	Consignment/ConsignmentItem/DeliveryDestination/Name	R	1..1	an..70			
ADDRESS	Consignment/ConsignmentItem/DeliveryDestination/Address	R	1..1				
City name	Consignment/ConsignmentItem/DeliveryDestination/Address/CityName	R	1..1	an..35			
Country, coded	Consignment/ConsignmentItem/DeliveryDestination/Address/CountryCode	R	1..1	a2	CL04		
Street and number/P.O. Box	Consignment/ConsignmentItem/DeliveryDestination/Address/Line	R	1..1	an..256			
Postcode identification	Consignment/ConsignmentItem/DeliveryDestination/Address/PostcodeID	O	0..1	an..17			
GOODSMEASURE	Consignment/ConsignmentItem/GoodsMeasure	R	1..1				
Gross weight	Consignment/ConsignmentItem/GoodsMeasure/GrossMassMeasure	R	1..1	n..16,6			
PACKAGING	Consignment/ConsignmentItem/Packaging	R	1..*				
Sequence number	Consignment/ConsignmentItem/Packaging/SequenceNumeric	R	1..1	n..5			
Marks and numbers	Consignment/ConsignmentItem/Packaging/MarksNumbersID	D	0..1	an..512		C002	
Number of packages	Consignment/ConsignmentItem/Packaging/QuantityQuantity	D	0..1	n..8		C002	

<i>eTIR field name</i>	<i>Mapping to the XML element (XPATH)</i>	<i>Status</i>	<i>Cardinality</i>	<i>Format</i>	<i>Code lists</i>	<i>Conditions</i>	<i>Rules</i>
^L Type, coded	Consignment/ConsignmentItem/Packaging/TypeCode	R	1..1	an..2	CL07		
[┐] TRANSPORTEQUIPMENT	Consignment/ConsignmentItem/TransportEquipment	D	0..1			C003	
^L Identification	Consignment/ConsignmentItem/TransportEquipment/ID	R	1..1	an..17			
[┐] UCR	Consignment/ConsignmentItem/UCR	O	0..1				
^L Identifier	Consignment/ConsignmentItem/UCR/ID	O	0..1	an..35			
[┐] LOADINGLOCATION	Consignment/LoadingLocation	O	0..1				
^L Name	Consignment/LoadingLocation/Name	O	0..1	an..256			
[┐] NOTIFYPARTY	Consignment/NotifyParty	O	0..1				
[┐] Name	Consignment/NotifyParty/Name	D	0..1	an..70		C001	
[┐] Identifier	Consignment/NotifyParty/ID	D	0..1	an..35		C001	
[┐] ADDRESS	Consignment/NotifyParty/Address	D	0..1			C001	
[┐] City name	Consignment/NotifyParty/Address/CityName	R	1..1	an..35			
[┐] Country, coded	Consignment/NotifyParty/Address/CountryCode	R	1..1	a2	CL04		
[┐] Street and number/P.O. Box	Consignment/NotifyParty/Address/Line	R	1..1	an..256			
^L Postcode identification	Consignment/NotifyParty/Address/PostcodeID	R	1..1	an..17			
[┐] CUSTOMSOFFICEOFDEPARTURE	Consignment/TransitDeparture	R	1..1				
^L Identifier	Consignment/TransitDeparture/ID	R	1..1	an..35			
[┐] CUSTOMSOFFICEOFDESTINATION	Consignment/TransitDestination	R	1..1				
^L Identifier	Consignment/TransitDestination/ID	R	1..1	an..35			
[┐] TRANSPORTMEANS	Consignment/TransitTransportMeans	R	1..*				R002
[┐] Identifier	Consignment/TransitTransportMeans/ID	R	1..1	an..25			
[┐] Type, coded	Consignment/TransitTransportMeans/TypeCode	R	1..1	an..4	CL05		
[┐] Nationality, coded	Consignment/TransitTransportMeans/RegistrationNationalityCode	R	1..1	a2	CL04		

<i>eTIR field name</i>	<i>Mapping to the XML element (XPATH)</i>	<i>Status</i>	<i>Cardinality</i>	<i>Format</i>	<i>Code lists</i>	<i>Conditions</i>	<i>Rules</i>
Conveyance reference number	Consignment/TransitTransportMeans/JourneyID	O	0..1	an..17			
Sequence number	Consignment/TransitTransportMeans/SequenceNumeric	R	1..1	n..5			
COUNTRYOFROUTING	Consignment/TransitTransportMeans/Itinerary	R	1..*				R001
Sequence number	Consignment/TransitTransportMeans/Itinerary/SequenceNumeric	R	1..1	n..5			
Country, coded	Consignment/TransitTransportMeans/Itinerary/RoutingCountryCode	R	1..1	a2	CL04		
TRANSPORTEQUIPMENT	Consignment/TransportEquipment	D	0..*			C003	
Sequence number	Consignment/TransportEquipment/SequenceNumeric	R	1..1	n..5			
Size and type, coded	Consignment/TransportEquipment/CharacteristicCode	R	1..1	an..4	CL01		
Identifier	Consignment/TransportEquipment/ID	R	1..1	an..17			
CERTIFICATEOFAPPROVAL	Consignment/TransportEquipment/AdditionalDocument	D	0..1			C005	
Number	Consignment/TransportEquipment/AdditionalDocument/ID	R	1..1	an..70			
Issuing date time	Consignment/TransportEquipment/AdditionalDocument/IssueDateTime	R	1..1	an..35			
Type, coded	Consignment/TransportEquipment/AdditionalDocument/TypeCode	R	1..1	an..3	CL06		
BINARYFILE	Consignment/TransportEquipment/AdditionalDocument/BinaryFile	O	0..1				
Identifier	Consignment/TransportEquipment/AdditionalDocument/BinaryFile/ID	R	1..1	an..256			
Title	Consignment/TransportEquipment/AdditionalDocument/BinaryFile/Title	R	1..1	an..256			
Author name	Consignment/TransportEquipment/AdditionalDocument/BinaryFile/Author Name	O	0..1	an..70			
Version	Consignment/TransportEquipment/AdditionalDocument/BinaryFile/Version ID	O	0..1	an..17			
File name	Consignment/TransportEquipment/AdditionalDocument/BinaryFile/FileName metext	O	0..1	an..256			
URI	Consignment/TransportEquipment/AdditionalDocument/BinaryFile/URIID	O	0..1	an..204 8			

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

<i>eTIR field name</i>	<i>Mapping to the XML element (XPATH)</i>	<i>Status</i>	<i>Cardinality</i>	<i>Format</i>	<i>Code lists</i>	<i>Conditions</i>	<i>Rules</i>
┆ Identifier	Principal/ID	R	1..1	an..35			
┆ ADDRESS	Principal/Address	O	0..1				
┆ City name	Principal/Address/CityName	R	1..1	an..35			
┆ Country, coded	Principal/Address/CountryCode	R	1..1	a2	CL04		
┆ Street and number/P.O. Box	Principal/Address/Line	R	1..1	an..256			
┆ Postcode identification	Principal/Address/PostcodeID	O	0..1	an..17			

Table 2
E9 – field descriptions and usages

<i>eTIR field name</i>	<i>Mapping to the XML element (XPATH)</i>	<i>Description</i>	<i>Usage</i>
┆ 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
┆ Issuing date time	IssueDateTime	Date at which the message E9 was issued by the holder	The value should be the one from the "Issuing date" attribute of the message E9 received by the customs The value should be a date to be provided following the EDIFACT 208 format CCYYMMDDHHMMSSZHHMM. For Example: 20200820145600+0100 represents 20 August 2020 at 14:56 UTC+01:00.
┆ Type, coded	TypeCode	Code of the message type	The value should be set to "E9"
┆ Total gross weight	TotalGrossMassMeasure	Total gross weight of goods (including packaging) of the declaration	The value should be the total gross weight as a decimal number The unit should be defined in the Measure Unit. The code attribute should match one of the values listed in the Measurement unit (UNECE Recommendation 20) code list

<i>eTIR field name</i>	<i>Mapping to the XML element (XPath)</i>	<i>Description</i>	<i>Usage</i>
┌ ADDITIONALINFORMATION	AdditionalInformation	Class containing potential additional information at the declaration level	
┌ Remarks	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	Agent	Class representing the potential agent which would declare the goods on behalf of the holder	
┌ Name	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	Agent/ID	Unique identifier of the agent	The value should be the unique identifier of the agent
┌ Role, coded	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
┌ ADDRESS	Agent/Address	Class representing the physical address of the Agent	
┌ City name	Agent/Address/CityName	City name of the physical address of the agent	The value should be the city name of the physical address of the agent
┌ Country, coded	Agent/Address/CountryCode	Code of the country of the physical address of the agent	The value should be the code of the country of the physical address of the agent from the Country name (ISO 3166-1-alpha-2) code list
┌ Street and number/P.O. Box	Agent/Address/Line	Street name of the physical address of the agent	The value should be the street name and number (or equivalent) of the physical address of the agent
┌ Postcode identification	Agent/Address/PostcodeID	Postal/Zip code of the physical address of the agent	The value should be the postal/ZIP code of the physical address of the agent
┌ SUBCONTRACTOR	Carrier	Class representing the potential agent which undertakes or arranges transport of goods between named points	

<i>eTIR field name</i>	<i>Mapping to the XML element (XPATH)</i>	<i>Description</i>	<i>Usage</i>
Name	Carrier/Name	Name of the subcontractor	The value should be the official company name, or the first and last name of the person in case of physical person, to allow for quick identification
Identifier	Carrier/ID	Unique identifier of the subcontractor	The value should be the unique identifier of the subcontractor
ADDRESS	Carrier/Address	Class representing the physical address of the subcontractor	
City name	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	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 (ISO 3166-1-alpha-2) code list
Street and number/P.O. Box	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	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	Consignment	Class representing the list of details on the transport of goods between a loading point and an unloading point	
Sequence number	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	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	Consignment/AdditionalDocument	Class representing the list of potential additional documents supplied as part of the declaration and related to the consignment	

<i>eTIR field name</i>	<i>Mapping to the XML element (XPath)</i>	<i>Description</i>	<i>Usage</i>
Number	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	Consignment/AdditionalDocument/IssueDateTi me	Issuing date of the document	The value should be a date and time to be provided following the EDIFACT 208 format CCYYMMDDHHMMSSZHHMM. For Example: 20200820145600+0100 represents 20 August 2020 at 14:56 UTC+01:00.
Type, coded	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 code (UN/EDIFACT 1001) list
 BINARYFILE	Consignment/AdditionalDocument/BinaryFile	The content of the document	
Identifier	Consignment/AdditionalDocument/BinaryFile/I D	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	Consignment/AdditionalDocument/BinaryFile/Ti tle	Title of the document	The value should be the title of the document
Author name	Consignment/AdditionalDocument/BinaryFile/A uthorName	Name of the author of the document	The value should be the first and last name of the author of the document
Version	Consignment/AdditionalDocument/BinaryFile/V ersionID	Version number of the document	The value should be the version of the document
File name	Consignment/AdditionalDocument/BinaryFile/Fi leNametext	File name of the document	The value should be the name of the file representing the document, including the extension
URI	Consignment/AdditionalDocument/BinaryFile/U RIID	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	Consignment/AdditionalDocument/BinaryFile/M IMECode	Code of the MIME type of the file	The value should be one of the MIME types as listed by the IANA organization
Encoding	Consignment/AdditionalDocument/BinaryFile/E ncodingCode	Code of the encoding algorithm of the file	The value should be the type of encoding algorithm used to encode the file

<i>eTIR field name</i>	<i>Mapping to the XML element (XPath)</i>	<i>Description</i>	<i>Usage</i>
Character set	Consignment/AdditionalDocument/BinaryFile/CharacterSetCode	Code of the character set of the file	The value should be the character set used in case the file is a text file
Include binary object	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	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	Consignment/AdditionalDocument/BinaryFile/Description	Description of the document	The value should be the description of the document and explain what it contains
Size	Consignment/AdditionalDocument/BinaryFile/SizeMeasure	Size of the file	The value should be the size of the file The unit should be defined in the Measure Unit. The code attribute should match one of the values listed in the Measurement unit (UNECE Recommendation 20) code list
Hash code	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	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	Consignment/ConsignmentItem	Class representing the list of details on the items in the consignment	
Sequence number	Consignment/ConsignmentItem/SequenceNumber	Index of the consignment item in the list	The value should be the 1-based index of the consignment in the list, allowing for quick physical identification upon inspection
ADDITIONALINFORMATION	Consignment/ConsignmentItem/AdditionalInformation	Class representing the list of potential additional information at the consignment item level	
Remarks	Consignment/ConsignmentItem/AdditionalInformation/Content	Remarks on the consignment item	The value should be a text allowing for additional remarks on the consignment item

<i>eTIR field name</i>	<i>Mapping to the XML element (XPath)</i>	<i>Description</i>	<i>Usage</i>
└┐ GOODS	Consignment/ConsignmentItem/Commodity	Class representing the details on the goods	
└ Description	Consignment/ConsignmentItem/Commodity/Car goDescription	Description of the goods	The value should be a text describing the goods
└┐ CLASSIFICATION	Consignment/ConsignmentItem/Commodity/Cla ssification	Class representing the list of classification details of the goods	
└ Code	Consignment/ConsignmentItem/Commodity/Cla ssification/ID	Identifier of the classification of the goods	The value should be the identifier of the non- commercial classification of the goods
└ Type, coded	Consignment/ConsignmentItem/Commodity/Cla ssification/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	Consignment/ConsignmentItem/Consignee	Class representing the potential consignee of the goods	
└ Name	Consignment/ConsignmentItem/Consignee/Nam e	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	Consignment/ConsignmentItem/Consignee/ID	Unique identifier of the consignee	The value should be the unique identifier of the consignee
└┐ ADDRESS	Consignment/ConsignmentItem/Consignee/Addr ess	Class representing the physical address of the consignee	
└ City name	Consignment/ConsignmentItem/Consignee/Addr ess/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	Consignment/ConsignmentItem/Consignee/Addr ess/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 Country name code (ISO 3166-1-alpha-2) list
└ Street and number/P.O. Box	Consignment/ConsignmentItem/Consignee/Addr ess/Line	Street name of the physical address of the consignee	The value should be the street name and number (or equivalent) of the physical address of the consignee
└ Postcode identification	Consignment/ConsignmentItem/Consignee/Addr ess/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

<i>eTIR field name</i>	<i>Mapping to the XML element (XPATH)</i>	<i>Description</i>	<i>Usage</i>
┐ CONSIGNOR	Consignment/ConsignmentItem/Consignor	Class representing the potential consignor of the goods	
┐ Name	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	Consignment/ConsignmentItem/Consignor/ID	Unique identifier of the consignor	The value should be the unique identifier of the consignor
┐ ADDRESS	Consignment/ConsignmentItem/Consignor/Address	Class representing the physical address of the consignor	
┐ City name	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	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	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	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	Consignment/ConsignmentItem/DeliveryDestination	Class representing the potential party to which the goods should be delivered	
┐ Name	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	Consignment/ConsignmentItem/DeliveryDestination/Address	Class representing the physical address of the delivery destination	
┐ City name	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

<i>eTIR field name</i>	<i>Mapping to the XML element (XPath)</i>	<i>Description</i>	<i>Usage</i>
Country, coded	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 code (ISO 3166-1-alpha-2) list
Street and number/P.O. Box	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	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	Consignment/ConsignmentItem/GoodsMeasure	Class representing the details on the measures of the goods	
Gross weight	Consignment/ConsignmentItem/GoodsMeasure/GrossMassMeasure	Total gross weight of the goods	The value should be the weight (mass) of goods including packaging but excluding the transport equipment. The unit should be defined in the Measure Unit. The code attribute should match one of the values listed in the Measurement unit (UNECE Recommendation 20) code list
⊥ PACKAGING	Consignment/ConsignmentItem/Packaging	Class representing the list of details on the packaging of the goods	
Sequence number	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	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	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	Consignment/ConsignmentItem/Packaging/TypeCode	Code of the packaging type	The value should be the code of the type of packaging from the Package type description (UNECE Recommendation 21 Annex VI) code list

<i>eTIR field name</i>	<i>Mapping to the XML element (XPATH)</i>	<i>Description</i>	<i>Usage</i>
┐ TRANSPORTEQUIPMENT	Consignment/ConsignmentItem/TransportEquipment	Class representing the transport equipment used for the consignment item	
┐┐ Identification	Consignment/ConsignmentItem/TransportEquipment/ID	Identifier of the transport equipment	The value should be marks (letters and/or numbers) which identify the transport equipment
┐ UCR	Consignment/ConsignmentItem/UCR	Class representing the Unique Trader Reference	
┐ Identifier	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	Consignment/LoadingLocation	Class representing the place of loading of the goods	
┐ Name	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	Consignment/NotifyParty	Class representing a potential party to be notified	
┐ Name	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	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	Consignment/NotifyParty/Address	Class representing the physical address of the party to be notified	
┐ City name	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	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

<i>eTIR field name</i>	<i>Mapping to the XML element (XPath)</i>	<i>Description</i>	<i>Usage</i>
Street and number/P.O. Box	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	Consignment/NotifyParty/Address/PostcodeID	Postal/Zip code of the physical address of the party to be notified	The value should be the postal/ZIP code of the physical address of the party to be notified
CUSTOMSOFFICEOFDEPARTURE	Consignment/TransitDeparture	Class representing the customs office where the goods are loaded	
Identifier	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	Consignment/TransitDestination	Class representing the customs office where the goods are unloaded	
Identifier	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	Consignment/TransitTransportMeans	Class representing the list of the means of transport for the consignment	
Identifier	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	Consignment/TransitTransportMeans/TypeCode	Code of the means of transport	The value should be the code of the means of transport from the Transport means description (UNECE Recommendation 28) code list
Nationality, coded	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 (ISO 3166-1-alpha-2) code list
Conveyance reference number	Consignment/TransitTransportMeans/JourneyID	Unique identifier of the journey	The value should be the unique identifier of the journey of a means of transport (for example voyage number, flight number or trip number)

<i>eTIR field name</i>	<i>Mapping to the XML element (XPath)</i>	<i>Description</i>	<i>Usage</i>
Sequence number	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	Consignment/TransitTransportMeans/Itinerary	Class representing the list of countries of the itinerary of the consignment	
Sequence number	Consignment/TransitTransportMeans/Itinerary/SequenceNumeric	Index of the country in the list	The value should be the 1-based index of the country in the list representing the itinerary of the consignment
Country, coded	Consignment/TransitTransportMeans/Itinerary/RoutingCountryCode	Code of the country	The value should be the code of the country from the Country name (ISO 3166-1-alpha-2) code list
TRANSPORTEQUIPMENT	Consignment/TransportEquipment	Class representing the list of the transport equipment used for the consignment	
Sequence number	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	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	Consignment/TransportEquipment/ID	Identifier of the transport equipment	The value should be marks (letters and/or numbers) which identify the transport equipment
CERTIFICATEOFAPPROVAL	Consignment/TransportEquipment/AdditionalDocument	Class representing the details of the certificate of approval of the transport equipment	
Number	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	Consignment/TransportEquipment/AdditionalDocument/IssueDateTime	Issuing date of the document	The value should be a date to be provided following the EDIFACT 102 format CCYYMMDD. For Example: 20200820 represents 20 August 2020.
Type, coded	Consignment/TransportEquipment/AdditionalDocument/TypeCode	Code of the type of file	The value should be the code of the type of the document from the Document name (UN/EDIFACT 1001) code list

<i>eTIR field name</i>	<i>Mapping to the XML element (XPATH)</i>	<i>Description</i>	<i>Usage</i>
⊔ BINARYFILE	Consignment/TransportEquipment/AdditionalDocument/BinaryFile	The content of the document	
⊔ Identifier	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	Consignment/TransportEquipment/AdditionalDocument/BinaryFile/Title	Title of the document	The value should be the title of the document
⊔ Author name	Consignment/TransportEquipment/AdditionalDocument/BinaryFile/AuthorName	Name of the author of the document	The value should be the first and last name of the author of the document
⊔ Version	Consignment/TransportEquipment/AdditionalDocument/BinaryFile/VersionID	Version number of the document	The value should be the version of the document
⊔ File name	Consignment/TransportEquipment/AdditionalDocument/BinaryFile/FileNametext	File name of the document	The value should be the name of the file representing the document, including the extension
⊔ URI	Consignment/TransportEquipment/AdditionalDocument/BinaryFile/URIID	URI of the document	The value should be the Unique Resource Identifier (URI) allowing to access the document instead of relying on a binary object representation
⊔ MIME	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	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	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	Consignment/TransportEquipment/AdditionalDocument/BinaryFile/IncludedBinaryObjectBinaryObject	Binary representation of the file	The value should be the content of the file represented using the characteristics mentions in the other attributes (EncodingCode and CharacterSetCode)
⊔ Access	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

<i>eTIR field name</i>	<i>Mapping to the XML element (XPATH)</i>	<i>Description</i>	<i>Usage</i>
Description	Consignment/TransportEquipment/AdditionalDocument/BinaryFile/Description	Description of the document	The value should be the description of the document and explain what it contains
Size	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	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	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	Consignment/TransportEquipment/Seal	Class representing the list of seals affixed to the transport equipment	/!\ In the context of the eTIR specifications v4.3, this element shall not be provided /!\
Sequence number	Consignment/TransportEquipment/Seal/SequenceNumeric	Index of the seal in the list	/!\ In the context of the eTIR specifications v4.3, this element shall not be provided /!\
Seal number	Consignment/TransportEquipment/Seal/ID	Unique identifier of the seal	/!\ In the context of the eTIR specifications v4.3, this element shall not be provided /!\
Seal type, coded	Consignment/TransportEquipment/Seal/TypeCode	Code of the type of seal	/!\ In the context of the eTIR specifications v4.3, this element shall not be provided /!\
GUARANTEE	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
HOLDER	Principal	Class representing the holder (transporter) of this transport	
Name	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

<i>eTIR field name</i>	<i>Mapping to the XML element (XPATH)</i>	<i>Description</i>	<i>Usage</i>
Identifier	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	Principal/Address	Class representing the physical address of the holder	
City name	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	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	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	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

(e) E10 – Advance TIR data results

Table 3
E10 – field details

<i>eTIR field name</i>	<i>Mapping to the XML element (XPATH)</i>	<i>Status</i>	<i>Cardinality</i>	<i>Format</i>	<i>Code lists</i>	<i>Conditions</i>	<i>Rules</i>
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		
ADVANCETIRDATA	Declaration	R	1..1				
Acceptance date time	Declaration/AcceptanceDateTime	D	0..1	an..35		C007	
National reference	Declaration/ID	R	1..1	an..70			
Rejection date time	Declaration/RejectionDateTime	D	0..1	an..35		C007	

<i>eTIR field name</i>	<i>Mapping to the XML element (XPATH)</i>	<i>Status</i>	<i>Cardinality</i>	<i>Format</i>	<i>Code lists</i>	<i>Conditions</i>	<i>Rules</i>
└ ERROR	Error	D	0..*			C006	
└ Error, coded	Error/ValidationCode	R	1..1	an..8	CL99		
└ POINTER	Error/Pointer	R	1..*				
└ Sequence number	Error/Pointer/SequenceNumeric	R	1..1	n..5			
└ Location	Error/Pointer/Location	R	1..1	an..512			

Table 4
E10 – field descriptions and usages

<i>eTIR field name</i>	<i>Mapping to the XML element (XPATH)</i>	<i>Description</i>	<i>Usage</i>
└ Message function, coded	Function	Code describing the function of the message	The value should be "44" (Accepted without reserves) if the request was processed correctly. If at least one error is described in this message or if the content could not be accepted, the value should be "27" (Not accepted)
└ Original Message Identifier	FunctionalReferenceID	Unique identifier of the request message associated with this response	The value should be the one mentioned in the message identifier field of the request message (E9)
└ 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 "E10"
└ ADVANCETIRDATA	Declaration	Class representing the declaration data as accepted by customs	
└ Acceptance date time	Declaration/AcceptanceDateTime	Date of acceptance of the advance TIR data by Customs Authorities	The value should be a date to be provided following the EDIFACT 208 format CCYYMMDDHHMMSSZHHMM. For Example: 20200820145600+0100 represents 20 August 2020 at 14:56 UTC+01:00.

<i>eTIR field name</i>	<i>Mapping to the XML element (XPATH)</i>	<i>Description</i>	<i>Usage</i>
⊢ National reference	Declaration/ID	National reference of the advance TIR data	The value should be the national reference (stored in the national customs system) of the advance TIR data sent by the holder. This reference will be used by the holder when presenting the goods and the vehicle to the first customs office of departure.
⊢ Rejection date time	Declaration/RejectionDateTime	Date of rejection of the advance TIR data by Customs Authorities	The value should be a date to be provided following the EDIFACT 208 format CCYYMMDDHHMMSSZHHMM. For Example: 20200820145600+0100 represents 20 August 2020 at 14:56 UTC+01:00.
⊢ ERROR	Error	Class representing the list of errors, if any	
⊢ Error, coded	Error/ValidationCode	Code of the error type	The value should be the code of the error from the code list Error code (eTIR)
⊢ POINTER	Error/Pointer	Class representing the pointer to the erroneous field, if any	
⊢ Sequence number	Error/Pointer/SequenceNumeric	Index of the error in the list	The value should be the 1-based index of the error in the list
⊢ Location	Error/Pointer/Location	Location of the erroneous field	The value should be the location of the erroneous field following the XPath syntax. Additional details regarding the location of the fields per error code are available on the page dedicated to errors

(f) How the national customs system should process the information received in the advance TIR data

16. Upon reception, the “E9 – Advance TIR data” message should be validated and any error found should be returned in the “E10 – Advance TIR data results” message.

17. If no error was found, the information of the advance TIR data should be assessed by the customs authorities. If it is refused, the “Rejection date” of the “E10 – Advance TIR data results” results message should be filled in, and the error code 501 should be sent back. If the information of the advance TIR data is accepted for now, it should be stored in the national customs system and a national reference should be issued to represent it. In the “E10 – Advance TIR data results” results message, the “Acceptance date” should be filled, as well as the national reference.

18. This national reference will be requested by the customs officer from the holder when he or she presents the goods along with the road vehicle, the combination of vehicles or the container at the customs office of departure in order to start the TIR transport (See the “I1 – Accept guarantee” message).

(g) How to use response data in the holder system

19. If one or more errors are reported in the “E10 – Advance TIR data results” message, the advance TIR data has not been registered in the national customs system and this issue should be investigated and corrected before a new tentative can be tried.

20. If there are no errors returned in the “E10 – Advance TIR data results” message, the national reference of the advance TIR data should be stored in the holder system, to be presented at the customs office of departure, along with the goods and the road vehicle, the combination of vehicles or the container, to start the TIR transport.
