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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 E11/E12****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/WP.30/2019/9 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 E11 and E12. 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. E11/E12 message pair

4. This section describes the technical specifications of the “E11 – Advance amendment data” request message, sent by the holder to the relevant national customs system (via the eTIR international system) to send the advance amendment data related to a TIR transport; and the “E12 – Advance amendment data results” response message, sent back by the national customs system (via the eTIR international system).

5. The same explanations from the E9/E10 message pair section, describing the message forwarding mechanism, the update of advance TIR data and the communication of advance TIR data for a TIR transport with multiple loading points, also apply to the technical specifications of the “E11 – Advance amendment data” and “E12 – Advance amendment data results” messages.

(a) How to generate the “E11 – Advance amendment data” message

6. In the “E11 – Advance amendment data” message, the amendment list represents all the amendments that the holder wants to perform, aggregated by type of amendment (addition, update, deletion). For each of these types, the holder needs to specify a list of pointers referring to each of the elements to be amended.

7. For example: if the holder wishes to perform an amendment of type “update” on both the “Agent” class and the “Heavy or bulky goods indicator” attribute, it can be done through a single “E11 – Advance amendment data” data message. This message shall have one amendment element containing the two pointers “/Declaration/Agent” and “/Declaration/Consignment”.

8. An “E11 – Advance amendment data” message may contain more than one amendment. However, when communicating multiple amendments of different types (addition, update, deletion), it is recommended to use separate “E11 – Advance amendment data” messages for each amendment type.

9. The same guidelines regarding amendments, as described for the “I7 – Record declaration data” message, also apply when generating the “E11 – Advance amendment data” message.

(b) Special case: change of itinerary amendment

10. As for the other types of amendments, in case of a change of itinerary, the holder should send an “E11 – Advance amendment data” message before customs authorities can actually change the itinerary by sending an (amendment) “I7 – Record declaration data” message to the eTIR international system. Therefore, when entering the country newly added to the itinerary, the competent customs authorities will be capable of querying the eTIR international system to get information about this TIR transport (using the “I5 – Query guarantee” message). In case of a change of itinerary during the TIR transport, and before entering the country newly added to the itinerary, the holder should send the “E11 – Advance amendment data” to the customs authorities of the country he or she is currently in. This will allow the itinerary to be amended, just before exiting the current country, by the national customs system, sending an (amendment) “I7 – Record declaration data” to the eTIR international system.

(c) E11 – Advance amendment data

Table 1

E11 – 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			
└ AMENDMENT	Amendment	O	0..*				
└ Type, coded	Amendment/ChangeReasonCode	R	1..1	an..3	CL17		
└ POINTER	Amendment/Pointer	R	1..*				

<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>
Sequence number	Amendment/Pointer/SequenceNumeric	R	1..1	n..5			
Location	Amendment/Pointer/Location	R	1..1	an..512			
SUBCONTRACTOR	Carrier	O	0..*				
Name	Carrier/Name	D	0..1	an..70		C001	
Identifier	Carrier/ID	D	0..1	an..35		C001	
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	O	0..*				
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			

<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>
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			
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/ConsignmentItem	R	1..*				
Sequence number	Consignment/ConsignmentItem/SequenceNumeric	R	1..1	n..5			
ADDITIONALINFORMATION	Consignment/ConsignmentItem/AdditionalInformation	O	0..*				
Remarks	Consignment/ConsignmentItem/AdditionalInformation/Content	R	1..1	an..512			
GOODS	Consignment/ConsignmentItem/Commodity	R	1..1				
Description	Consignment/ConsignmentItem/Commodity/CargoDescription	D	0..1	an..256		C004	
CLASSIFICATION	Consignment/ConsignmentItem/Commodity/Classification	O	0..*				R008
Code	Consignment/ConsignmentItem/Commodity/Classification/ID	R	1..1	an..18			
Type, coded	Consignment/ConsignmentItem/Commodity/Classification/IdentificationTypeCode	R	1..1	an..3	CL03		
CONSIGNEE	Consignment/ConsignmentItem/Consignee	O	0..1				
Name	Consignment/ConsignmentItem/Consignee/Name	D	0..1	an..70		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>
Identifier	Consignment/ConsignmentItem/Consignee/ID	D	0..1	an..35		C001	
ADDRESS	Consignment/ConsignmentItem/Consignee/Address	D	0..1			C001	
City name	Consignment/ConsignmentItem/Consignee/Address/CityName	R	1..1	an..35			
Country, coded	Consignment/ConsignmentItem/Consignee/Address/CountryCode	R	1..1	a2	CL04		
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			

<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>
⊢ 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	
⊢ Type, coded	Consignment/ConsignmentItem/Packaging/TypeCode	R	1..1	an..2	CL07		
⊢ TRANSPORTEQUIPMENT	Consignment/ConsignmentItem/TransportEquipment	D	0..1			C003	
⊢ Identification	Consignment/ConsignmentItem/TransportEquipment/ID	R	1..1	an..17			
⊢ UCR	Consignment/ConsignmentItem/UCR	O	0..1				
⊢ Identifier	Consignment/ConsignmentItem/UCR/ID	O	0..1	an..35			
⊢ LOADINGLOCATION	Consignment/LoadingLocation	O	0..1				
⊢ 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			
⊢ Postcode identification	Consignment/NotifyParty/Address/PostcodeID	O	0..1	an..17			
⊢ CUSTOMSOFFICEOFDEPARTURE	Consignment/TransitDeparture	R	1..1				
⊢ Identifier	Consignment/TransitDeparture/ID	R	1..1	an..35			
⊢ CUSTOMSOFFICEOFDESTINATION	Consignment/TransitDestination	R	1..1				
⊢ Identifier	Consignment/TransitDestination/ID	R	1..1	an..35			

<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>
⊞ 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		
⊞ 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			

<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>
Version	Consignment/TransportEquipment/AdditionalDocument/BinaryFile/VersionID	O	0..1	an..17			
File name	Consignment/TransportEquipment/AdditionalDocument/BinaryFile/FileNameText	O	0..1	an..256			
URI	Consignment/TransportEquipment/AdditionalDocument/BinaryFile/URIID	O	0..1	an..2048			
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

<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 Seal type, coded	Consignment/TransportEquipment/Seal/TypeCode	O	0..1	an..3	CL08		
_T GUARANTEE	ObligationGuarantee	R	1..1				
^L Reference	ObligationGuarantee/ReferenceID	R	1..1	an..35			
_T HOLDER	Principal	R	1..1				
Name	Principal/Name	O	0..1	an..70			
Identifier	Principal/ID	R	1..1	an..35			
_T 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			
^L Postcode identification	Principal/Address/PostcodeID	O	0..1	an..17			

Table 2
E11 – 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 E11 was issued by the holder	The value should be the one from the "Issuing date" attribute of the message E11 received by the customs. 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	TypeCode	Code of the message type	The value should be set to "E11"
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. Code attribute and should match one of the values listed

<i>eTIR field name</i>	<i>Mapping to the XML element (XPath)</i>	<i>Description</i>	<i>Usage</i>
			in the Measurement unit (UNECE Recommendation 20) code list
└─ 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 code list Party role code (UN/EDIFACT 3035)
└─ 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
└─ AMENDMENT	Amendment	Class representing the list of potential amendments to the declaration	
└─ Type, coded	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	Amendment/Pointer	Pointer to the part of the declaration to be amended	
└─ Sequence number	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	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	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	
⊢ 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/IssueDateTime	Issuing date of the document	The value should be a date and time to be provided following the EDIFACT 208 format CCYYMMDDHHMMSSZHHMM. For Example: 20200820145600+0100 represents 20 August 2020 at 14:56 UTC+01:00.
⊢ Type, coded	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	

<i>eTIR field name</i>	<i>Mapping to the XML element (XPath)</i>	<i>Description</i>	<i>Usage</i>
⊢ Identifier	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	Consignment/AdditionalDocument/BinaryFile/Title	Title of the document	The value should be the title of the document
⊢ Author name	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	Consignment/AdditionalDocument/BinaryFile/VersionID	Version number of the document	The value should be the version of the document
⊢ File name	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	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	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	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	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. Code attribute and 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>
⊢ 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 item 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
⊢ GOODS	Consignment/ConsignmentItem/Commodity	Class representing the details on the goods	
⊢ Description	Consignment/ConsignmentItem/Commodity/CargoDescription	Description of the goods	The value should be a text describing the goods
⊢ CLASSIFICATION	Consignment/ConsignmentItem/Commodity/Classification	Class representing the list of classification details of the goods	
⊢ Code	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	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	Consignment/ConsignmentItem/Consignee	Class representing the potential consignee of the goods	
⊢ Name	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	Consignment/ConsignmentItem/Consignee/ID	Unique identifier of the consignee	The value should be the unique identifier of the consignee
⊢ ADDRESS	Consignment/ConsignmentItem/Consignee/Address	Class representing 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>
City name	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	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 Country name (ISO 3166-1-alpha-2) code list
Street and number/P.O. Box	Consignment/ConsignmentItem/Consignee/Address/Line	Street name of the physical address of the consignee	The value should be the street name and number (or equivalent) of the physical address of the consignee
Postcode identification	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	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	

<i>eTIR field name</i>	<i>Mapping to the XML element (XPath)</i>	<i>Description</i>	<i>Usage</i>
⊢ 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
⊢ 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 (ISO 3166-1-alpha-2) code 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. Code attribute and 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
⊢ 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	

<i>eTIR field name</i>	<i>Mapping to the XML element (XPath)</i>	<i>Description</i>	<i>Usage</i>
^L 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
^{TT} LOADINGLOCATION	Consignment/LoadingLocation	Class representing the place of loading of the goods	
^L 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
^{TT} NOTIFYPARTY	Consignment/NotifyParty	Class representing a potential party to be notified	
^T 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
^T 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
^{TT} ADDRESS	Consignment/NotifyParty/Address	Class representing the physical address of the party to be notified	
^T 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
^T 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 (ISO 3166-1-alpha-2) code list
^T 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
^L 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
^{TT} CUSTOMSOFFICEOFDEPARTURE	Consignment/TransitDeparture	Class representing the customs office where the goods are loaded	
^L 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
^{TT} CUSTOMSOFFICEOFDESTINATION	Consignment/TransitDestination	Class representing the customs office where the goods are unloaded	
^L 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
^{TT} TRANSPORTMEANS	Consignment/TransitTransportMeans	Class representing the list of the means of transport for the consignment	
^T 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

<i>eTIR field name</i>	<i>Mapping to the XML element (XPath)</i>	<i>Description</i>	<i>Usage</i>
⊢ 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)
⊢ 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 (UN/EDIFACT 8155) code 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
Description	Consignment/TransportEquipment/AdditionalDocument/BinaryFile/Description	Description of the document	The value should be the description of the document and explain what it contains

<i>eTIR field name</i>	<i>Mapping to the XML element (XPath)</i>	<i>Description</i>	<i>Usage</i>
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
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 (ISO 3166-1-alpha-2) code 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

(d) E12 – Advance amendment data results

Table 3

E12 – 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		
└ ADVANCEAMENDMENTDATA	Declaration	R	1..1				
└ Acceptance date time	Declaration/AcceptanceDateTime	D	0..1	an..35		C009	R010
└ National reference	Declaration/ID	R	1..1	an..70			
└ Rejection date time	Declaration/RejectionDateTime	D	0..1	an..35		C009	
└ 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

E12 – 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 (E11)

<i>eTIR field name</i>	<i>Mapping to the XML element (XPATH)</i>	<i>Description</i>	<i>Usage</i>
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 "E12"
ADVANCEAMENDMENTDATA	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 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.
National reference	Declaration/ID		
Rejection date time	Declaration/RejectionDateTime	Date of rejection of the advance TIR data by Customs Authorities	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.
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

(e) How the national customs system should process the information received in the advance amendment data

11. Upon reception, the “E11 – Advance amendment data” message should be validated and any error found should be returned in the “E12 – Advance amendment data results” message.

12. If no error was found, the information of the advance amendment data should be assessed by the customs authorities. If it is refused, the “Rejection date” of the “E12 – Advance amendment data results” results message should be filled in, and the error code 502 should be sent back. If the information of the advance amendment 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 “E12 – Advance amendment data results” results message, the “Acceptance date” should be filled, as well as the national reference.

13. 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 relevant customs office in order to amend the declaration data (See the “I7 – Record declaration data” message).

(f) How to use response data in the holder’s system

14. If one or more errors are reported in the “E12 – Advance amendment data results” message, the advance amendment 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.

15. If there are no errors returned in the “E12 – Advance amendment data results” message, the national reference of the advance amendment data should be stored in the holder system to be presented to the relevant customs office (depending on the kind of amendment) along with the goods and the road vehicle, the combination of vehicles or the container, to amend the declaration of the TIR transport.
