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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****First session**

Geneva, 27–29 January 2021

Item 6 (a) of the provisional agenda

eTIR international system**Progress report on the development of the eTIR international system****eTIR web services – Messages I8 - Record declaration data
results*****Note by the secretariat****I. Introduction - Mandate**

1. The Inland Transport Committee during 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 ToR² (ECE/TRANS/WP30/2019/9 and ECE/TRANS/WP.30/2019/9/Corr.1) pending approval by UNECE Executive Committee (EXCOM). EXCOM during its Remote informal meeting of members of the Executive Committee (20 May 2020) approved the establishment of the Group of Experts on Conceptual and Technical Aspects of Computerization of the TIR Procedure (WP.30/GE.1) until 2022, based on the terms of reference 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

* This document was submitted late for processing since clearance in finalizing this document took longer than anticipated.

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 UNECE
www.unece.org/fileadmin/DAM/trans/bcf/wp30/documents/2019/ECE-TRANS-WP30-2019-09e.pdf
and corrigendum www.unece.org/fileadmin/DAM/trans/bcf/wp30/documents/2019/ECE-TRANS-WP30-2019-09c1e.pdf

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



2. The terms of reference 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 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 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. The current document presents the technical specifications of the eTIR messages message “18 - Record declaration data results”. This document is valid for the eTIR international system version 1.0 based on the eTIR specifications version 4.3a.

II. "I8-Record declaration data results" response message

A. Description

4. The eTIR international system sends back the **I8 - Record declaration data results** response message to the national customs systems to confirm the correct reception and recording of the declaration data as well as the national references for printing the accompanying document.

5. The XSD file related to the **I8 - Record declaration data results** message is available at the following URL: www.unece.org/trans/bcf/etir/.

B. Field list

<i>eTIR field name</i>	<i>Mapping to the XML element (XPath)</i>	<i>Mandatory</i>	<i>Format</i>	<i>Code lists</i>	<i>Conditions</i>	<i>Rules</i>	<i>WCO ID</i>
MESSAGE							75B
└ Message function, coded	FunctionCode	R	n..2	CL16			017
└ Functional reference	FunctionalReferenceID	R	an..70				D026
└ Message identifier	ID	R	an..70				D014
└ Type, coded	TypeCode	R	an..3	CL26			D013
└ ADVANCETIRDATA	Declaration	R					
└ Message Identifier	Declaration/ID	R	an..70				D014
└ NATIONALREFERENCE	Declaration/NationalReference	O					91B
└ Reference	Declaration/NationalReference/ID	R	an..35				446
└ Country, coded	Declaration/NationalReference/IssuingCountryCode	R	a2	CL04			450
└ ERROR	Error	D			C006		53A
└ Error, coded	Error/ValidationCode	R	an..8	CL99			377
└ POINTER	Error/Pointer	R					97A
└ Sequence number	Error/Pointer/SequenceNumericeric	O	n..5				006
└ Location	Error/Pointer/Location	R	an..512				512

C. Field list descriptions

<i>eTIR field name</i>	<i>Mapping to the XML element (XPATH)</i>	<i>Description</i>	<i>Usage</i>
MESSAGE			
Message function, coded	FunctionCode	Code describing the function of the message	The value should be "44" if the request was processed correctly. If at least one error is described in this message, the value should be "27"
Functional reference	FunctionalReferenceID	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 (17)
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 "I8"
ADVANCETIRDATA	Declaration	Class representing the declaration data as accepted by customs	
Message Identifier	Declaration/ID	Unique identifier of the message E9 (or E11) received by the customs	The value should be the one from the "Message Identifier" attribute of the message E9 (or E11) received by the customs
NATIONALREFERENCE	Declaration/NationalReference	List of national references under which the declaration data has been saved in the countries along the itinerary of the transport	
Reference	Declaration/NationalReference/ID	Identifier of the national reference of the declaration	The value should be the identifier of the national reference under which the declaration has been saved in the country along the itinerary of the transport
Country, coded	Declaration/NationalReference/IssuingCountryCode	Code of the country along the itinerary	The value should be the code of the country along the itinerary from the Country name code (ISO 3166-1-alpha-2) list
ERROR	Error	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 Error code (eTIR) list
POINTER	Error/Pointer	Pointer to the erroring field	
Sequence number	Error/Pointer/SequenceNumericeric	Index of the error in the list	The value should be the 1-based index of the error in the list

<i>eTIR field name</i>	<i>Mapping to the XML element (XPATH)</i>	<i>Description</i>	<i>Usage</i>
└ Location	Error/Pointer/Location	Location of the erroring field	The value should be the location of the error field following the XPath syntax. Additional details regarding the location of the fields per error code are available on the page dedicated to errors

6. When reading the values of the second columns for both tables, note that the "InterGov/" XML base element has been removed to improve the readability, as it is repeated on every line.

D. Referred code lists

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

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

8. All codes lists are described in the *eTIR code lists document*.

E. Conditions and Rules

9. The following conditions of the eTIR conditions list are referred to in the field lists and should be considered in the message:

- **C006:** IF (MESSAGE.Message function, coded) = '6' OR '11' OR '44' OR '45'
THEN EMPTY (ERROR)
ELSE
IF (MESSAGE.Message function, coded) = '10' OR '27'
THEN NOT EMPTY (ERROR)

F. How to use response data in the national customs system

10. The eTIR international system will return whether there were errors while processing the request message by filling in the "Error" list. Therefore, and as for all response messages expected from the eTIR international system, the first step when parsing the I8 response message should always be to look for potential error elements in the response message and address them accordingly as mentioned in the Error Management section of the Introduction document.

11. If there was no error, and the response message content is as expected, the next step is for the national customs system to record all national references sent back by the countries along the itinerary of the transport. The national customs system will then have to produce the accompanying document by indicating these references on it (accordingly to the relevant section of the eTIR functional specifications), and the customs officer will hand over this paper to the driver of the TIR transport as this paper can be used in case of fallback procedures.

12. After having performed this action, the next step is for the customs officer to indicate into the national customs system the details about the seal(s) affixed to the road vehicle, the combination of vehicles or the container so that the national customs system can send the notification of the start of the TIR operation to the eTIR international system using the I9 message.

G. Applicable error codes

13. As the eTIR international system may return error codes, the eTIR web services introduction document contains a dedicated section describing where to find and how to manage those error codes in the response messages. Find below the list of error codes that may be returned as part of the I8 - Record declaration data results response message as well as the recommended actions to address them:

100 - Invalid Message

Kindly check the message itself and its format as it is not recognized by the eTIR international system.

101 - Missing Parameter

Kindly check the message parameters, in particular the parameters marked as mandatory in the message description section of this document, and make sure that all mandatory parameters are part of the message.

102 - Invalid Domain Value Parameter

Kindly check the coded parameter, its values and corresponding code lists. Make sure that each coded parameter is using one of the values of the corresponding code list.

103 - Malformed Date

Kindly check the date parameters and their format. Make sure that each date format has the format indicated and that the value follows the format/pattern.

104 - Not an integer

Kindly check the integer parameters. Make sure that each integer parameter has a value that can successfully be casted as an integer.

151 - Condition C001 failure

Kindly check the parameters constrained by the condition [C001] and make sure their values respect:

```
IF EXIST( PARTY.code )
THEN NOT EMPTY( PARTY.code )
ELSE NOT EMPTY( PARTY.name , ADDRESS ).
```

152 - Condition C002 failure

Kindly check the parameters constrained by the condition [C002] and make sure their values respect:

```
IF ( PACKAGING.Type, coded ) = "VQ", "VG", "VL", "VY", "VR" OR "VO"
THEN EMPTY ( PACKAGING.Number of packages ) ELSE (
PACKAGING.Number of packages ) > 0.
```

153 - Condition C003 failure

Kindly check the parameters constrained by the condition [C003] and make sure their values respect:

```
IF( ADVANCE TIR DATA.ADDITIONALINFORMATION.Heavy and bulky
goods
indicator ) = 0
THEN NOT EMPTY( TRANSPORTEQUIPMENT ) ELSE EMPTY(
TRANSPORTEQUIPMENT ).
```

154 - Condition C004 failure

Kindly check the parameters constrained by the condition [C004] and make sure their values respect:

```
IF EMPTY( GOODS.CLASSIFICATION ) OR (
GOODS.CLASSIFICATION.Type ) <> 'HS'
THEN NOT EMPTY( GOODS.Description ).
```

155 - Condition C005 failure

Kindly check the parameters constrained by the condition [C005] and make sure their values respect:

```
IF( ADVANCE TIR DATA.ADDITIONALINFORMATION.Heavy and bulky
goods
indicator ) = 0
```

THEN NOT EMPTY(TRANSPORTMEANS.CERTIFICATEOFAPPROVAL)
ELSE EMPTY(TRANSPORTMEANS.CERTIFICATEOFAPPROVAL).

158 - Condition C008 failure

Kindly check the parameters constrained by the condition [C008] and make sure their values respect:

IF(MESSAGE.Message function, coded) = '1'

THEN EMPTY(ADDITIONALINFORMATION, AGENT,AMENDMENT,
SUBCONTRACTOR, CONSIGMENT,GUARANTEE,HOLDER) AND NOT
EMPTY (MESSAGE.FunctionalReference)

ELSE IF(MESSAGE.Message function, coded) = '4'

THEN NOT EMPTY(MESSAGE.FunctionalReference, AMENDMENT,
ADDITIONALINFORMATION,
CONSIGMENT,GUARANTEE,HOLDER)

ELSE IF(MESSAGE.Message function, coded) = '9'

THEN EMPTY(MESSAGE.FunctionalReference, AMENDMENT) AND NOT
EMPTY (ADDITIONALINFORMATION,
CONSIGMENT,GUARANTEE,HOLDER).

200 - Invalid State

Kindly check the state of the referred object (transport, guarantee, ...) and make sure it is consistent with the eTIR international system requested web

300 - Invalid Operation

Kindly check the message content as it triggered a technical error in the eTIR international system but that this one could not identify the source of the issue.

301 - Guarantee not found

Kindly check the value of the guarantee reference ID in the message and make sure it matches the value received in previous messages.

302 - Guarantee chain not found

Kindly check the value of the guarantee chain ID in the message and make sure it matches the value received in previous messages.

303 - Guarantee type not found

Kindly check the value of the guarantee type in the message and make sure it belongs to the Guarantee type code (eTIR) code list, and that it matches the value received in previous messages.

304 - Customs Office not found

Kindly check the format and value of the customs office ID in the message and make sure it matches the value received in previous messages. If it does, kindly check the existence of the customs office and its status using ITDB web service or ITDB web application.

305 - Country not found

Kindly check the value of the country code in the message and make sure it matches the value received in previous messages and that it belongs to the Country name code (ISO 3166-1-alpha-2) code list (CL04).

400 - eTIR Problem

Kindly contact eTIR support (see Support and contact) sending the content of the message communicated, the timestamps and the steps to reproduce this issue in order to address this issue.

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

H. Example

15. The example below shows the XML data of the I8 - Record declaration data results message received in response to the POST of the I7 - Record declaration data message. This response message (Function code 44 - Accepted without reserves) of the type I8, containing no error codes, describes a positive acknowledgment for the cargo information recording related to the guarantee reference ID XF95001234. Therefore, it should be considered that the TIR transport cargo information recording is accepted by the eTIR international system.

16. It is important to understand that the absence of error in the I8 - Record declaration data results response message is the key indicator to reflect that the record of the declaration data is accepted.

I8 - Record declaration data results response message

```
<?xml version="1.0" encoding="UTF-8"?>
<soap:Envelope xmlns:soap="http://www.w3.org/2003/05/soap-envelope" xmlns:cus="etir:v4.3:customs" xmlns:etir=
"etir:I8:v4.3">
  <soap:Header xmlns:wsa="http://www.w3.org/2005/08/addressing">
    (...)
    <wsa:Action>etir:v4.3:customs/recordDeclarationDataResponse</wsa:Action>
    <wsa:MessageID>uuid:8350af11-8170-495d-9563-6a87e32ef745</wsa:MessageID>
    (...)
  </soap:Header>
  <soap:Body xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd" wsu:Id=
"id-c64dca31-aaf8-4232-a9b3-03c89698547b">
    <cus:recordDeclarationDataResponse>
      <etir:InterGov>
        <etir:FunctionCode>44</etir:FunctionCode>
        <etir:TypeCode>I8</etir:TypeCode>
        <etir:Declaration>
          <etir:ID>XF95001234</etir:ID>
          <etir:NationalReference>
            <etir:ID>TIR457348137800</etir:ID>
            <etir:IssuingCountryCode>IR</etir:IssuingCountryCode>
          </etir:NationalReference>
          <etir:NationalReference>
            <etir:ID>34ec6a74-7c6e-4b74-8904-d16cf76235e5</etir:ID>
            <etir:IssuingCountryCode>AZ</etir:IssuingCountryCode>
          </etir:NationalReference>
        </etir:Declaration>
      </etir:InterGov>
    </cus:recordDeclarationDataResponse>
  </soap:Body>
</soap:Envelope>
```

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

III. Fallback procedures

18. In the event that the I7 - Record declaration data could not be sent after several attempts or if no I8 - Record declaration data results was received in response, we recommend the national customs systems team to contact eTIR support (Support and contact).

19. Also note that the functional fallback procedures can be found in the Approved amendments to the eTIR conceptual, functional and technical documentation.

IV. Support and contact

20. Kindly note that in the context of the interconnections projects by customs, the TIR secretariat stands ready to assist contracting parties while interconnecting their national customs systems to the eTIR international system. Also in case of questions or issues related to this document or to the eTIR international system, you can use the contact details below (contacts by email should be preferred).

Organization	United Nations Economic Commission For Europe TIR secretariat Palais des Nations, 1211 Geneva 10, Switzerland
Contact	Email: etir@un.org Phone: +41 (0)22 917 55 06

V. Annexes

A. XSD Files content

1. Request format

21. The **I7 - Record declaration data** message should follow the format expressed by the XSD below:

I7 - Record declaration data request message format

```
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:I7_1p0="etir:I7:v4.3"
  xmlns:xs="http://www.w3.org/2001/XMLSchema"
  xmlns:ds="etir:MetaData_DS:v4.3"
  targetNamespace="etir:I7:v4.3"
  elementFormDefault="qualified">
  <xs:import namespace="etir:MetaData_DS:v4.3" schemaLocation="WCO_MetaData_DS.xsd"/>
  <xs:element name="InterGov">
    <xs:annotation>
      <xs:documentation>
        <eTIRName>Message</eTIRName>
        <Disclaimer>
          Usage and disclaimer clause
```

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```
</Disclaimer>
</xs:documentation>
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element name="FunctionCode" type="ds:InterGovFunctionCodeType">
      <xs:annotation>
        <xs:documentation xml:lang="EN">
          <Format>n..2</Format>
        </xs:documentation>
        <xs:documentation>
          <eTIRName>Message function, coded</eTIRName>
          <CodeList>CL16</CodeList>
          <Status>R</Status>
          <RestrictedCode>4</RestrictedCode>
          <RestrictedCode>9</RestrictedCode>
        </xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="ID" type="ds:InterGovIdentificationIDType">
      <xs:annotation>
        <xs:documentation xml:lang="EN">
          <Format>an..70</Format>
        </xs:documentation>
```

```

    <xs:documentation>
      <eTIRName>Message identifier</eTIRName>
      <Status>R</Status>
    </xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="TypeCode" type="ds:InterGovTypeCodeType">
  <xs:annotation>
    <xs:documentation xml:lang="EN">
      <Format>an..3</Format>
    </xs:documentation>
    <xs:documentation>
      <eTIRName>Type, coded</eTIRName>
      <CodeList>CL26</CodeList>
      <Status>R</Status>
      <RestrictedCode>I7</RestrictedCode>
    </xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Declaration">
  <xs:annotation>
    <xs:documentation>
      <eTIRName>AdvanceTIRData</eTIRName>
      <Status>R</Status>
    </xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="FunctionCode" type="ds:DeclarationFunctionCodeType">
        <xs:annotation>
          <xs:documentation xml:lang="EN">
            <Format>n..2</Format>
          </xs:documentation>
          <eTIRName>Message function, coded</eTIRName>
          <CodeList>CL16</CodeList>
          <Status>R</Status>
          <RestrictedCode>4</RestrictedCode>
          <RestrictedCode>9</RestrictedCode>
        </xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="FunctionalReferenceID" type="ds:DeclarationFunctionalReferenceIDType" minOccurs="0">
      <xs:annotation>
        <xs:documentation xml:lang="EN">
          <Format>an..70</Format>
        </xs:documentation>
        <xs:documentation>
          <eTIRName>Functional reference</eTIRName>
          <Status>D</Status>
          <ConditionId>C008</ConditionId>
        </xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="ID" type="ds:DeclarationIdentificationIDType">
      <xs:annotation>
        <xs:documentation xml:lang="EN">
          <Format>an..70</Format>
        </xs:documentation>
        <xs:documentation>
          <eTIRName>Message Identifier</eTIRName>
          <Status>R</Status>
        </xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="IssueDateTime" type="ds:EtirDateTimeType">
      <xs:annotation>

```

```

        <xs:documentation xml:lang="EN">
          <Format>an..35</Format>
        </xs:documentation>
      </xs:documentation>
      <xs:documentation>
        <eTIRName>Issuing date</eTIRName>
        <Status>R</Status>
        <DateTimeFormatCode>304 (CCYYMMDDHHMMSSZZ)</DateTimeFormatCode>
      </xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="TypeCode" type="ds:DeclarationTypeCodeType">
    <xs:annotation>
      <xs:documentation xml:lang="EN">
        <Format>an..3</Format>
      </xs:documentation>
      <xs:documentation>
        <eTIRName>Type, coded</eTIRName>
        <CodeList>CL26</CodeList>
        <Status>R</Status>
        <RestrictedCode>E9</RestrictedCode>
      </xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="VersionID" type="ds:DeclarationVersionIDType">
    <xs:annotation>
      <xs:documentation xml:lang="EN">
        <Format>an..9</Format>
      </xs:documentation>
      <xs:documentation>
        <eTIRName>Version</eTIRName>
        <Status>R</Status>
      </xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="TotalGrossMassMeasure" type="ds:DeclarationTotalGrossMassMeasureType" minOccurs="0">
    <xs:annotation>
      <xs:documentation xml:lang="EN">
        <Format>n..16,6</Format>
      </xs:documentation>
      <xs:documentation>
        <eTIRName>Total gross weight</eTIRName>
        <Status>0</Status>
      </xs:documentation>
    </xs:annotation>
  </xs:element>
  <xs:element name="AdditionalInformation" minOccurs="0">
    <xs:annotation>
      <xs:documentation>
        <eTIRName>AdditionalInformation</eTIRName>
        <Status>D</Status>
        <ConditionId>C008</ConditionId>
      </xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:sequence>
        <xs:element name="StatementCode" type="ds:AdditionalInformationStatementCodeType">
          <xs:annotation>
            <xs:documentation xml:lang="EN">
              <Format>an..17</Format>
            </xs:documentation>
            <xs:documentation>
              <eTIRName>Heavy and bulky goods indicator</eTIRName>
              <CodeList>CL14</CodeList>
              <Status>R</Status>
              <RestrictedCode>0</RestrictedCode>
              <RestrictedCode>1</RestrictedCode>
            </xs:documentation>
          </xs:annotation>
        </xs:element>
      </xs:sequence>
    </xs:complexType>
  </xs:element>

```

```

        </xs:annotation>
      </xs:element>
      <xs:element name="StatementDescription" type=
"ds:AdditionalInformationStatementDescriptionTextType" minOccurs="0">
        <xs:annotation>
          <xs:documentation xml:lang="EN">
            <Format>an..512</Format>
          </xs:documentation>
          <xs:documentation>
            <eTIRName>Remarks</eTIRName>
            <Status>0</Status>
          </xs:documentation>
        </xs:annotation>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="Agent" minOccurs="0" type="ds:Agent" />
<xs:element name="Amendment" minOccurs="0" maxOccurs="unbounded">
  <xs:annotation>
    <xs:documentation>
      <eTIRName>Amendment</eTIRName>
      <Status>D</Status>
      <ConditionId>C008</ConditionId>
    </xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="ChangeReasonCode" type="ds:AmendmentChangeReasonCodeType">
        <xs:annotation>
          <xs:documentation xml:lang="EN">
            <Format>an..3</Format>
          </xs:documentation>
          <xs:documentation>
            <eTIRName>Amendment code</eTIRName>
            <CodeList>CL17</CodeList>
            <CodeList>CL17</CodeList>
            <Status>R</Status>
          </xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="Pointer" maxOccurs="unbounded">
        <xs:complexType>
          <xs:sequence>
            <xs:element name="SequenceNumeric"
              type="ds:PointerSequenceNumericType"/>
            <xs:element name="Location" type="ds:PointerLocationTextType"/>
          </xs:sequence>
        </xs:complexType>
      </xs:element>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="Carrier" minOccurs="0" maxOccurs="unbounded" type="ds:Party"/>
<xs:element name="Consignment" minOccurs="0" maxOccurs="unbounded" type="ds:Consignment" />
<xs:element name="DeclarationGuarantee">
  <xs:annotation>
    <xs:documentation>
      <eTIRName>Guarantee</eTIRName>
      <Status>D</Status>
      <ConditionId>C008</ConditionId>
    </xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="ExpirationDateTime" type="ds:EtirDateTimeType">
        <xs:annotation>
          <xs:documentation>

```

```

        <Format>an..35</Format>
        <eTIRName>Validity</eTIRName>
        <Status>R</Status>
        <DateTimeFormatCode>102 (CCYYMMDD)</DateTimeFormatCode>
    </xs:documentation>
</xs:annotation>
</xs:element>
<xs:element name="ReferenceID" type="ds:DeclarationGuaranteeReferenceIDType">
    <xs:annotation>
        <xs:documentation xml:lang="EN">
            <Format>an..35</Format>
        </xs:documentation>
        <xs:documentation>
            <eTIRName>Reference</eTIRName>
            <Status>R</Status>
        </xs:documentation>
    </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="Principal" minOccurs="0">
    <xs:annotation>
        <xs:documentation>
            <eTIRName>Holder</eTIRName>
            <Status>D</Status>
            <ConditionId>C008</ConditionId>
        </xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element name="Name" type="ds:PrincipalNameTextType" minOccurs="0">
                <xs:annotation>
                    <xs:documentation xml:lang="EN">
                        <Format>an..70</Format>
                    </xs:documentation>
                    <xs:documentation>
                        <eTIRName>Name</eTIRName>
                        <Status>D</Status>
                    </xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="ID" type="ds:PrincipalIdentificationIDType">
                <xs:annotation>
                    <xs:documentation xml:lang="EN">
                        <Format>an..35</Format>
                    </xs:documentation>
                    <xs:documentation>
                        <eTIRName>Code</eTIRName>
                        <Status>R</Status>
                    </xs:documentation>
                </xs:annotation>
            </xs:element>
            <xs:element name="Address" minOccurs="0" type="ds:Address"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:schema>

```

22. The original disclaimer field content has been shortened (...) in this document for the sake of readability.

2. Response format

23. The I8 - Record declaration data results message should follow the format expressed by the XSD below:

I8 - Record declaration data results response message format

```
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:I8_1p0="etir:I8:v4.3"
  xmlns:xs="http://www.w3.org/2001/XMLSchema"
  xmlns:ds="etir:MetaData_DS:v4.3"
  targetNamespace="etir:I8:v4.3"
  elementFormDefault="qualified">
  <xs:import namespace="etir:MetaData_DS:v4.3" schemaLocation="WCO_MetaData_DS.xsd"/>
  <xs:element name="InterGov">
    <xs:annotation>
      <xs:documentation>
        <eTIRName>Message</eTIRName>
        <Disclaimer>
          Usage and disclaimer clause
```

This(ese) schema(s) may be used, copied, amended and furnished to others in whole or in part, without restriction of any kind other than the obligation to keep this usage and disclaimer clause in it (them) and the references to UNECE. However, once modified, schemas may no longer be distributed under the name of UNECE.

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Nothing herein shall constitute or be considered to be a limitation upon or a waiver of the privileges and immunities of the United Nations, which are specifically reserved.

```
</Disclaimer>
</xs:documentation>
</xs:annotation>
<xs:complexType>
  <xs:sequence>
    <xs:element name="FunctionCode" type="ds:InterGovFunctionCodeType">
      <xs:annotation>
        <xs:documentation xml:lang="EN">
          <Format>n..2</Format>
        </xs:documentation>
        <xs:documentation>
          <eTIRName>Message function, coded</eTIRName>
          <CodeList>CL16</CodeList>
          <Status>R</Status>
          <RestrictedCode>27</RestrictedCode>
          <RestrictedCode>44</RestrictedCode>
        </xs:documentation>
      </xs:annotation>
    </xs:element>
    <xs:element name="FunctionalReferenceID" type="ds:InterGovFunctionalReferenceIDType">
      <xs:annotation>
        <xs:documentation xml:lang="EN">
          <Format>an..70</Format>
        </xs:documentation>
        <xs:documentation>
          <eTIRName>Functional reference</eTIRName>
```

```

    </xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="ID" type="ds:InterGovIdentificationIDType">
  <xs:annotation>
    <xs:documentation xml:lang="EN">
      <Format>an..70</Format>
    </xs:documentation>
    <xs:documentation>
      <eTIRName>Message identifier</eTIRName>
      <Status>R</Status>
    </xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="TypeCode" type="ds:InterGovTypeCodeType">
  <xs:annotation>
    <xs:documentation xml:lang="EN">
      <Format>an..3</Format>
    </xs:documentation>
    <xs:documentation>
      <eTIRName>Type, coded</eTIRName>
      <CodeList>CL26</CodeList>
      <RestrictedCode>I8</RestrictedCode>
      <Status>R</Status>
    </xs:documentation>
  </xs:annotation>
</xs:element>
<xs:element name="Declaration">
  <xs:annotation>
    <xs:documentation>
      <eTIRName>AdvanceTIRData</eTIRName>
      <Status>R</Status>
    </xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element name="ID" type="ds:DeclarationIdentificationIDType">
        <xs:annotation>
          <xs:documentation xml:lang="EN">
            <Format>an..70</Format>
          </xs:documentation>
          <xs:documentation>
            <eTIRName>Message Identifier</eTIRName>
            <Status>R</Status>
          </xs:documentation>
        </xs:annotation>
      </xs:element>
      <xs:element name="NationalReference" minOccurs="0" maxOccurs="unbounded">
        <xs:annotation>
          <xs:documentation>
            <eTIRName>NationalReference</eTIRName>
            <Status>0</Status>
          </xs:documentation>
        </xs:annotation>
        <xs:complexType>
          <xs:sequence>
            <xs:element name="ID" type="ds:NationalReferenceIdentificationIDType">
              <xs:annotation>
                <xs:documentation xml:lang="EN">
                  <Format>an..35</Format>
                </xs:documentation>
                <xs:documentation>
                  <eTIRName>Reference</eTIRName>
                  <Status>R</Status>
                </xs:documentation>
              </xs:annotation>
            </xs:element>

```



```
<xs:element name="IssuingCountryCode" type="ds:NationalReferenceIssuingCountryCodeType">
  <xs:annotation>
    <xs:documentation xml:lang="EN">
      <Format>a2</Format>
    </xs:documentation>
    <xs:documentation>
      <CodeList>CL04</CodeList>
      <eTIRName>Country, coded</eTIRName>
      <Status>R</Status>
    </xs:documentation>
  </xs:annotation>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:sequence>
</xs:complexType>
</xs:element>
<xs:element name="Error" type="ds:Error" minOccurs="0" maxOccurs="unbounded"/>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:schema>
```

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

25. All XSD files can be downloaded on the dedicated page of the eTIR documentation portal.